1. Arrangement of First Year Induction Program after Admission to Aware/Set the Students in New Environment

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

Date: 08/12/2021

NOTICE

All staffs of First Year Engineering department are hereby informed that, staff meeting is schedule on 09/12/2021in H.O.D cabin at 1.00 pm to discuss about Induction programme schedule on 13/12/2021 to 24/12/2021.

Meeting Agenda:

- To discuss planning of arrangement of Induction programme conduction.
- Formation of different committee's for smooth conduction of induction function.
- Arrangement in seminar hall.
- About photo shoot.
- Hospitality of guests, students and parents.

Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engg. DTE 5304 SPPU 4071 Dhangawadi Pune 412206

Prof. A. R. Bobade
Event Co-Coordinator

Prof. J. G. Kale
HOD (FE)
Head of Department
First Year Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Prof. Dr. S. B. Patil
Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.,
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

DEPARTMENT OF FIRST YEAR ENGINEERING
Academic Year: 2021-22, Semester - I

Schedule of Induction Programme
Class: FE

Sr. No	Time	Activty
Monday, 13/12/2021		
1	10.00 am -11.00 am	Students Welcome, Registration And Refreshment
	11.00 am - 11.15 am	Welcome of Guests.
	11.15 am - 11.25 am	Lightening of lamp.
	11.25 am - 11. 45 am	Felicitation and Introduction of Principal sir.
		Introduction Of HOD'S,
	11.45 am - 12.00 pm	Felicitation and Introduction of FE Toppers (2020-21)
	12.00 pm - 12.15 pm	Sppeches of Sr/ topper students Speech
	12.15 pm - 12.30 pm	FE HOD Guideline
	12.30 pm - 1.00 pm	**Lunch Break**
	1.00 pm - 2.00 pm	Guidance by all other HOD
	2.00 pm - 2.15 pm	RD's SCSP Principal sir addresing
	2.15 pm - 2.30 pm	RD's SCSCOE Principal sir addresing
	2.30 pm - 3.30 pm	Guidance by Guest
	3.30 pm - 3.45 pm	Vote of thanks
	3.45 pm - 4.00 pm	Discussion of schedule of Next 06 ays
Tuesday, 14/12/2021		
2	10.00 am - 10.30 am	Attendance for students
	11.30 am - 12.30 pm	Guest Lecture/ Expert Lecture by Prof. Dr. S. I. Nipanikar
	12.30 pm - 1.15 pm	**Lunch Break**
	1.15 pm -2.00 pm	Staff self-introduction
	2.00 pm – 2.15 pm	Assignment of Teacher Guardian group and class Coordinator
	2.15 pm - 2.30 pm	Discussion of schedule of Next 06 ays
	2.30 pm - 4.30 pm	Visit to College Campus
Wednesday, 15/12/2021		
3	10.00 am - 10.30 am	Attendance for students
	11.30 am - 12.30 pm	Guest Lecture/ Expert Lecture by Prof. S . D. Pasalkar
	12.30 pm - 1.15 pm	**Lunch Break**
	1.15 pm - 4.00 pm	Poster Competition
	4.00 pm -4.30 pm	Exhibition & judging for poster competition

Thursday, 16/12/2021		
4	10.00 am - 10.30 am	Attendance for Session II
	11.30 am - 12.30 pm	Guest Lecture/ Expert Lecture by Prof. T. M. Dudhane
	12.30 pm - 1.15 pm	**Lunch Break**
	1.15 pm - 4.30 pm	General Knowledge Quiz
Friday, 17/12/2021		
5	10.00 am - 10.30 am	Attendance for students
	10.30 am - 12.30 pm	Guest Lecture – Prof. M. K. Ahirao
	12.30 pm - 1.15 pm	**Lunch Break**
	1.15 pm - 4.30 pm	Self Defence training
Monday, 20/12/2021		
6	10.00 am - 10.30 am	Attendance for Session II
	10.30 am - 12.30 pm	Guest Lecture/ Expert Lecture Dr. C. N.Kulkarni
	12.30 pm - 1.15 pm	**Lunch Break**
	2.00 pm - 4.30 pm	Indoor Games
Tuesday, 21/12/2021		
7	10.00 am - 10.30 am	Attendance for students
	10.30 am - 12.30 am	Guest Lecture/ Expert Lecture by Dr. S. S. Sayyed
	12.30 pm - 1.15 pm	**Lunch Break**
	2.00 pm - 4.30 pm	Outdoor Games
Wednesday, 22/12/2021		
8	10.00 am - 10.30 am	Attendance for Session II
	10.30 am - 12.30 pm	Guest Lecture/ Expert Lecture by Prof. B. D. Thorat
	12.30 pm - 1.15 pm	**Lunch Break**
	2.00 pm - 4.30 pm	Cultural Activities
Thursday, 23/12/2021		
9	10.00 am - 10.30 am	Attendance for students
	11.30 am - 12.30 pm	Guest Lecture/ Expert Lecture by Prof. A. S. Sondkar
	12.30 pm - 1.15 pm	**Lunch Break**
	2.00 pm - 4.30 pm	Industrial Visit
Friday, 24/12/2021		
10	10.00 am - 10.30 am	Attendance for students
	10.30 Onwards	Visit to Local Places

ABobade

Prof. A. R. Bobade
Event Co-Ordinator

Kale

Prof. J.G. Kale
HOD (FE)
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Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's
SPPU 40/1
Dhangawadi
Pune
412206

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

INDUCTION PROGRAM

DEPARTMENT: **F.E**

CLASS: **F.E 2021- 22**

TITLE/TOPIC: **Induction Program**

DATE: **13/12/2021 to 24/12/2021**

DURATION OF EVENT: **5hrs per day**

STUDENT/ STAFF PRESENT: 000

DEPARTMENT CO-ORDINATOR: **Prof. A. R. Bobade**

OBJECTIVE:To create awareness in the young minds of the students regarding the unity in diversity & to reduce stress on students. Starting with the new academic session, colleges will greet every new student with a 2 week-long 'induction programme' before they can embark on any study of Engineering.

The term induction is generally used to describe the whole process whereby the incumbents adjust to or acclimatize to their new roles and environment. In other words, it is a well-planned event to educate the new entrants about the environment in a particular institution, and connect them with the people in it.

The induction program of Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi was held on **13/12/2021 to 24/12/2021**.

Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engg. DTE:6324 SPPU-4071 Dhangawadi Pune 412205

DAY -1

On the first day Monday, 13/12/2021 of Induction Programme, students reported to college. Registration & welcome of students are done gifting them Mask & pen.

Welcome of new students in campus by gifting them Mask & Pen

The Chief guest for this event is Mr. Udayseth Gujar ji the founder of Uday Gujar Foundation also the Principal of RD's SCSCOE Prof. Dr. S.B. Patil, principal of RD's SCOP Prof. D.K. Khopade & all of the head of departments were present. In the starting of Session Pujan of statue of Shri Chhatrapati Shivajiraje Bhosale & Shri Chhatrapati Sambhajiraje Bhosale which is located at college entrance is done by Chief guest, Principal & all the HOD's.

Pujan of Statue of Shri Chhatrapati Shivajiraje Bhosale & Shri Chhatrapati Sambhajiraje Bhosale was done by Chief guest, Principal & all the HOD's

After this the warm welcome of all the dignitaries was done by the students. In the beginning Saraswati Pujan & Deep Prajwalan is done by Chief Guest, Respected Principal & HOD's of all departments.

Deep Prajwalan is done by Chief Guest & Respected Principal

Felicitation of Chief Guest Mr. Udayseth Gujar ji is done by respected Principal of RD's SCSCOE.

The rank holders of FE 2020-21 is appriciated by Chief Guest.

After this all the Head of Department of institute guided students & gave information about their departments & Institute.

Prof. J. G. Kale (HOD FE) discussing code of coduct.

All HOD's giving information about their departments.

Chief Guest Mr. Udayseth Gujar ji addressed students

At the end of the day, Vote of Thanks is given by Prof. Y. G. Jadhav from first year department & anounced the end of the programme for the day.

Vote of Thanks given by Prof. Y. G. Jadhav of First Year Department

DAY 2

On the Second day Tuesday, 14/12/2021 of Induction Programme, students reported to college. Expert Lecture by Prof. Dr. S. I. Nipanikar sir arranged for the students on the topic of **'How to cope with Engineering Education'.**

Prof. Dr. S. I. Nipanikar addressed to students

In afternoon session, division-wise to Class Co-coordinator & batch wise teacher guardians are introduced themselves to students. Students received a copy of time-table of lectures as well as schedule of Induction Programme. Class coordinators interacted with students and oriented them to academic practices in the First Year Engineering.

Class teachers and TG interacted with newly admitted students

After that, all the students visited to college campus (laboratories, workshop, library etc.) and then class teachers announced the end of programme for a day.




Students visiting college campus

(Laboratories, workshop, library etc.)




DAY 3

On third day Wednesday, 15/12/2021 of Induction Programme, students reported to college. Expert Lecture by Prof. Dr. S. D. Pasalkar sir arranged for the students on the topic of **'Training & placement in institute'.**

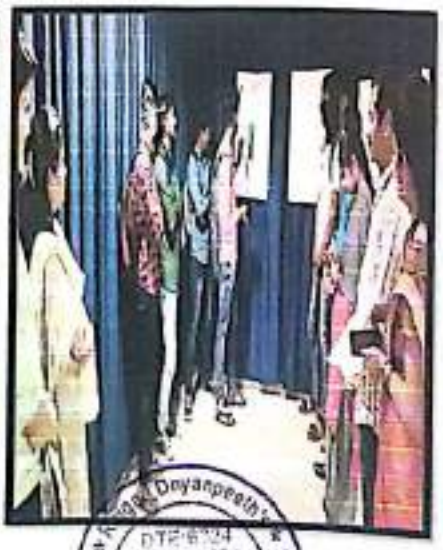
Prof. Dr. S. D. Pasalkar sir addressing students

In the afternoon session, Students are introduced to technical activities. This session helped students to enhance their ideas beyond their limit. The name of Session is 'Poster Presentation Competition'. For this topic is already given to students. Once the poster were completed exhibition for posters are arranged. Many staff & students of other departments were visited for exhibition. At the last, presentation of their respective posters was given by students & top three posters were selected.




Students participated enthusiastically in Poster competition.



DAY-4

On the Fourth day i.e. on Thursday, 16/12/2021 Expert lecture by Prof. T. M. Dudhane on **'Recent trends & scope in Electronic Engineering'** has been conducted in the morning session for students & in afternoon session of same days the technical activities such as Group discussion, quiz competition &debate competition has been conducted.

Prof. T. M. Dudhane addressing students

Students participated in Group discussion, quiz competition &debate competition

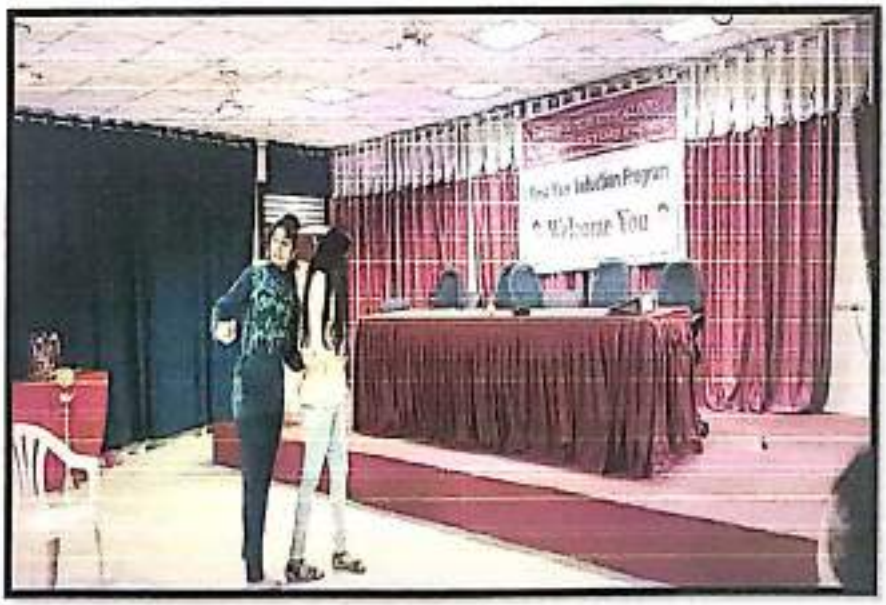
DAY- 5

On Fifth day Friday, 17/12/2021 of Induction Programme, students reported to college. Guest Lecture by Prof. M. K. Ahirao arranged for the students on the topic of **'Sahaj Yog as Yoga & meditation.'**

Prof. M. K. Ahirao taught students to perform Sahaj yogasan for mediation

In afternoon session of Fifth day Friday, 17/12/2021 students are introduced to Self defence training. Self-defense is a countermeasure that involves defending the health and well-being of oneself from harm. The use of the right of self-defense as a legal justification for the use of force in times of danger is available in many jurisdictions.





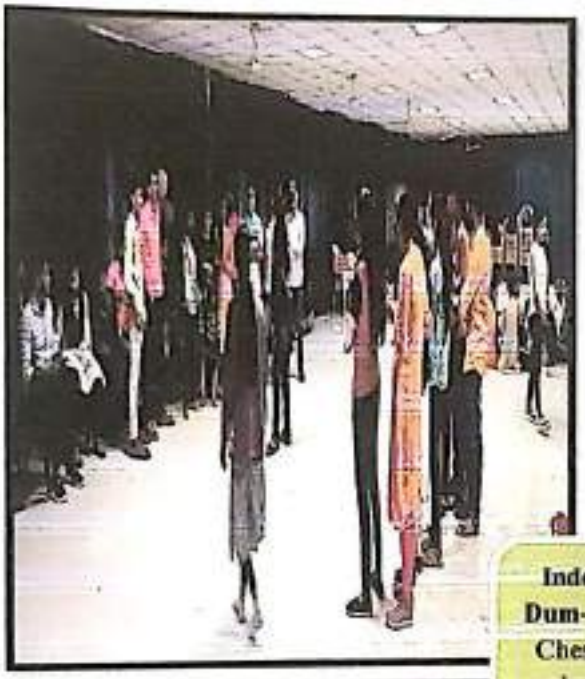
Self Defence Training

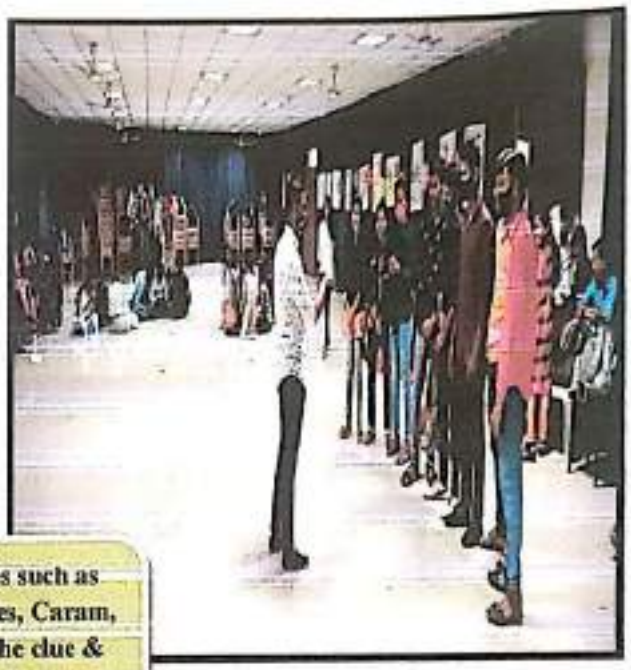
DAY- 6

On Sixth day Monday, 20/12/2021 of Induction Programme, students reported to college. Expert Lecture by Dr. C. N. Kulkarni arranged for the students on the topic of **'Importance & Need of Engineers in present market.'**

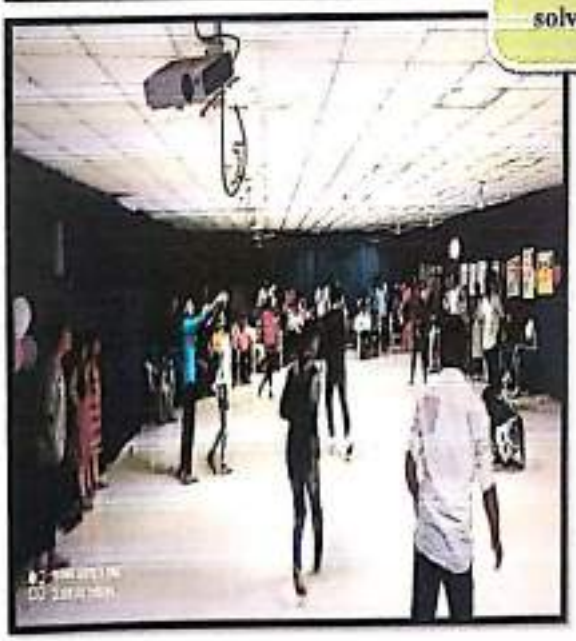
Dr. C. N. Kulkarni addressing students

In afternoon session of Day- 6 Monday, 20/12/2021 students are introduced to the sports facilities Indoor games available in the SCSCOE games such as Chess, Caram, Dum- Charades, find the clue & solve the puzzle etc. games are played by students & at the end of the day the prize distribution for Outdoor game has been done.





Indoor games such as Dum- Charades, Caram, Chess, Find the clue & solve the puzzle games

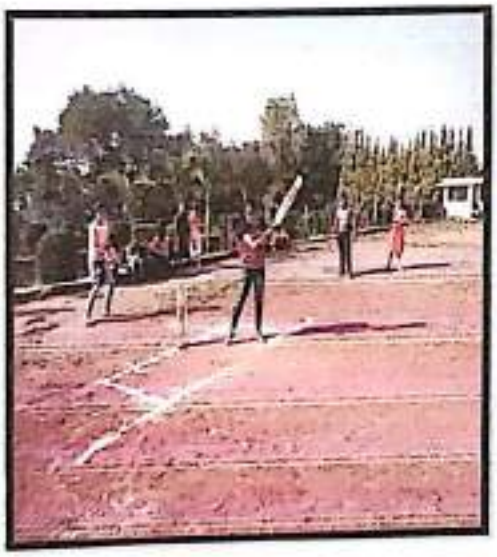


DAY- 7

On Seventh day Tuesday, 21/12/2021 of Induction Programme, students reported to college. Expert Lecture by Dr. S. S. Sayyed arranged for the students on the topic of **'Recent trends & scope in Civil Engineering.'**

Dr. S. S. Sayyed addressing students.

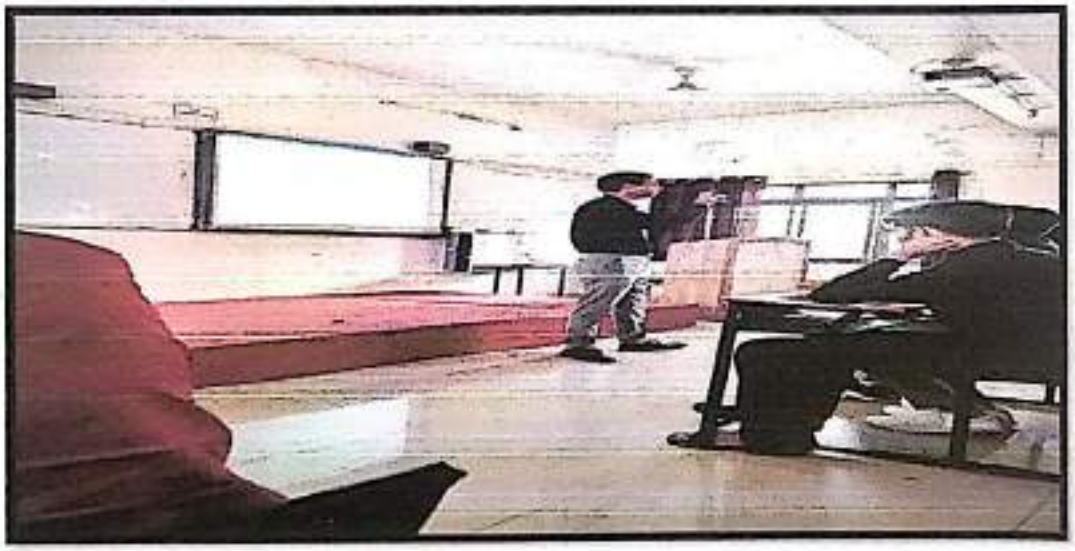
On the Seventh day i.e. on Tuesday, 21/12/2021 students are introduced to the sports facilities outdoor games available in the SCSCOE games such as Cricket, Volleyball, Throw ball, etc. games are played by students & at the end of the day the prize distribution for Outdoor game has been done.



Students participated in Outdoor Games such as Cricket, Volley Ball, Throw Ball etc.

DAY- 8

On Eighth day Wednesday, 22/12/2021 of Induction Programme, students reported to college. Expert Lecture by Prof. B. D. Thorat arranged for the students on the topic of **'Recent trends in Technologies.'**



Prof. B. D. Thorat addressing students

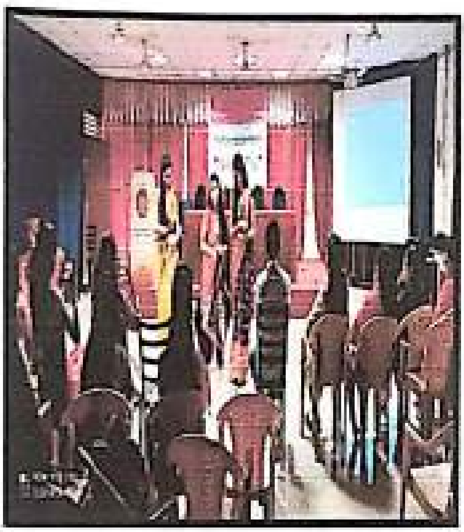
On the Afternoon session of Eighth day i.e. on Wednesday, 22/12/2021 the department of First Year Engineering organized the cultural activities for students such as dance, drama & fashion show. Most of the students participate in the cultural activities & enjoyed the day.



Fashion show performed by the students





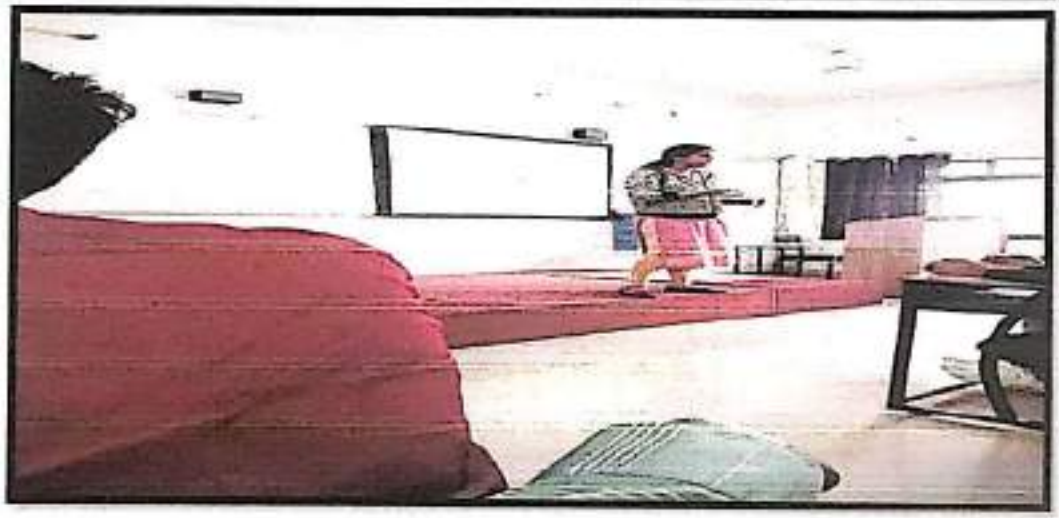


Cultural Activities such as Dance, Drama, Poem etc. are performed by students



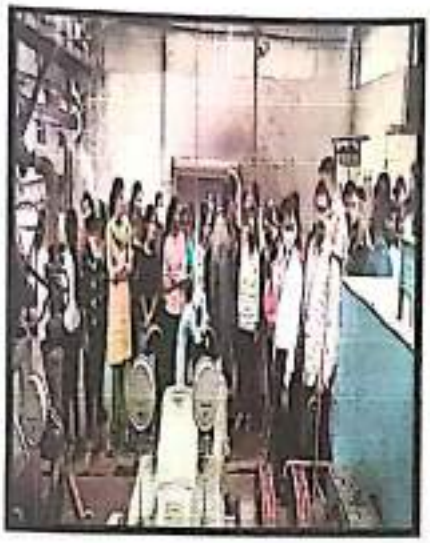
DAY- 9

On Nineth day Thursday, 23/12/2021 of Induction Programme, students reported to college. Expert Lecture by Prof. A. S. Sondkar arranged for the students on the topic of **'Soft Skill Development.'**



Prof. A. S. Sondkar addressing students

On the Afternoon session of Nineth day i.e. on Thursday, 23/12/2021 the department of First Year Engineering organized the Industrial visit for students to Rajgad Sugar Factory, Kapurhol. Here the working of sugar factory is explained to students by guide present in Sugar Factory.




Industrial Visit to Rajgad Sugar Factory




DAY- 10

On Last day Friday, 24/12/2021 of Induction Programme, students reported to college. And then the department of First Year Engineering organized the visit to local places for students to Baneshwar & Prati Balaji Temple which is present in nereby area of college.

Visit to Baneshwar temple and Prati Balaji Temple as a local place visit.

In this way, Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering organized & conducted the two week induction function for first year students in the starting of Semester I of A.Y. 2021-22.

Prof. A. R. Bobade

Event Co-Coordinator

Prof. J. G. Kale

HOD (FE)

Head of Department

First Year Engineering

Shri Chh. Shivajiraje College of Engg

Dhangawadi, Pune-412206

Prof. Dr. S. B. Patil

Principal

Principal

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engg.

Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.

DEPARTMENT OF FIRST YEAR ENGINEERING

Academic Year: 2021 - 22. Semester - I

Induction Program

REGISTRATION SHEET

Class: FE Day & Date : 13/12/2021

Activity: Students welcome & Registration

Sr. No.	Name of Student	Branch	Student's Contact No. (WhatsApp No.)	Parent's Contact No	Email Id	Signature
1	Popale Vaishnavi Pandurang	Computer	9689871209	9922563588	Pandurangkpopale@	Vishnavi
2.	Kashid Vaishnavi Vilas	computer	9922159314	7820927006	vaishnavikashid18@v.v.kashid.	
3.	Phadtare Arpita Sunil	E&TC	9699507084	9730321499	arpitaphadtare9413@	A. phadtare
4	Dere Ekata Santosh	Comp.	8956264076	9623692322	ekatadere@gmail.com	Ekata
5	Karape Nikita Nitin	comp.	8999509266	9860596278	NikitaKarape9@gmail.com	Nkarape
6	Bhilare Pooja Kisan	comp.	8010950058	9921096580	bhilarepooja353@gmail.com	Pooja
7	Mankar Priyanka Bharat	E&TC	8766798057	9623066602	priyankamankar2546@gmail.com	Mankar PB
8	Maggje Rutuja Rajendra.	E&TC	8669177809	8669177809	rautumaggje@gmail.com	Budgude.
9.	Budgude N. Shravane	Comp	9689368836	9156131232	budgudeshravane@gmail.com	
10.	Nevase Komal Bhausa	computer	8668534570	9225678506	Kbnevase@gmail.com	Komal
11.	Jadhav Rutuja Ashok	Mechanical	9156498545	9156498545	Rutujadhav105@gmail.com	Jadhav
12	Daiphode Harshada Tukaram	computer	9834487605	7507217086	tukaramdaiphode21@gmail.com	Harshada
13	Patil Preeti Maharveer	E&TC	7248929108	8483830702	preetipatil7303@gmail.com	PM Patil
14.	Gole Shruti Sunil	E&TC	9156009109	9881209668	Shrutigole1027@gmail.com	Shruti
15	Gole Pradnya Laxman	E&TC	8806245665	9860484505	galepradnya24@gmail.com	Gole

Chhatrapati Shivajiraje College of Engineering & Research FE Dept

Sr. No.	Name of Student	Branch	Student's Contact No. (WhatsApp No.)	Parent's Contact No	Email Id	Signature
16.	Raval Shraddha Bankim	Computer	8208962763	8554032786	raval_bankim@rediffmail.com	Shraddha
17.	Khapade Sakshi Suresh	Computer	8767316516	9922299820	khapadesakshi2@gmail.com	Akhapade
18.	Andhalikar Akshada Yashwant	ENTC	9960683285	7058683285	akshadaandhalikar27@gmail.com	
19.	Dhumal Shivanjali Santosh	ENTC	7397945767	7219827273	shivanjalidhumal0707@gmail.com	Shivanjali
20	Gaikwad Rachana Amol	Computer	9767393081	9822747657	gaikwadrachana49@gmail.com	Rachana
21	Gaikwad Sakshi Bhimaji	E&TC.	8767960689	9922822828	sakshigaikwad12347@gmail.com	Sgaikwad
22	Zanse Aditi Shivaji	Computer	9890653717	7619351778	aditizanse4@gmail.com	
23.	Pawar Prajakta vilas	E&TC	8055082462	7218375600	Prajaktapawar1623@gmail.com	Pawar
24	Chavan Simran Umesh	civil	9011756801	9011756801	Simranchavan1562@gmail.com	S.U.Chavan
27	Khaarat Maheshwari Jayant	E&TC	8329691517	9822776752	Khaaratmaheshwari@gmail.com	Mkharat
28	Salunkhe Prachi Balasaheb.	E&TC	8421318898.	9960057711.	salunkhePrachi1706@gmail.com	Balunkhe
29	Mayuri Santosh Gole	civil	9321365842	8369983206	mayurigole4141@gmail.com	Mayuri

Shivajirao S. Jondhale Shivajirao Jondhale College of Engineering
F E
Dept.

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.

DEPARTMENT OF FIRST YEAR ENGINEERING

Academic Year: 2021 - 22, Semester - I

Induction Program

REGISTRATION SHEET

Class: _____ Day & Date : _____

Activity: _____

Sr. No.	Name of Student	Branch	Student's Contact No. (WhatsApp No.)	Parent's Contact No	Email Id	Signature
1	Birdewade Rohit Sandip	C.E(comp)	7038119511	9960904641	rohitbirdewade2[illegible]gmail	
2	Kasabe Akshay Shahaji	C.E(comp)	9503300190	9423849527	akshaykasab190@	
3)	Kadadkar Deepak Dumpati	E & TC	9975746582	9767166512	deepakkhadkar5412@gmail.com	
4)	Vyahalkar Digant Abhijit	C.E(comp)	8975893672	9420d3740	digant vyahalkar@gmail.com	
5)	Eshwar Abhay Gopal	C.E	9359056350	9284943377	eshwargopal@gmail.com	
6)	Saurav Pramod Jagtap	E&TC	8888949670	9657293180	saurajjagtap[illegible]@g	
7)	Vibhute Yash Jitendra	CE (comp)	8530815626	9421115626	vibhuteyash802@	
8)	Dhamal Aditya Rohidas	MECH.	9960532259	9921692259	adityadhamal1697@gmail	A.R.Dhamal
9)	Jaywant Dattatray Thite	E&TC	8806704353	7776927492	sthite132@gmail.com	
10)	Jagtap Aditya Sanjay	E&TC	9373751128	9067644258	Contactadijagtap@gmail.com	
11)	Tanpure Shivam Ramchandra	MECH.	9322341771	8408003145	shivamtanpures2@gmail.com	S.R.Tanpure.
12)	Veer Sahil Nilesh	E&TC	7083380313	9623496840	Sahil veer2564@gmail.com	
13)	Thite Avishkar Santosh	MECH	7249746695	9561340245	avithite66@gmail.com	
14)	Kandhalkar Dipak Pandurang	C.E	8999498104	9307030248	kandhalkardipak22@gmail	
15)	Jedhe Deep Satish	E&TC	8329834073	7620085983	deepjedhe8379@gmail.com	

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Sr. No.	Name of Student	Branch	Student's Contact No. (WhatsApp No.)	Parent's Contact No	Email Id	Signature
16.	Nigade Utkarsh Uday	C.E	9699571307	9011971054	utkarshnigade@gmail.com	Utkarsh.
17.	Pancakule Rutik Sunil	C.E	9623211403	9881892837	Rutikpancakule@gmail.com	
18.	kudale Omkar Sampat	C.E.	9657364318	9881751187	omkarkudale121@gmail.com	Kudale
19.	Bhoite sanket sanjay	C.E.	9890631862	8390150112	sanketbhoite1223	Bhoite
20.	Shelke aniket shivaji	M.E.CH	8767763872	7620680853	aniketshelke2805@	Shelke
21.	shinde omkar suresh	E&T.C.	8855086238	9764209225	Omkarshinde171817	Shinde
22	Karape Milind Nitin	C.E	9284380413	8421099079	milindkarape2003@gmail.com	
23	Khamkar Vivek suresh	C.E	8625931813	7410161813	Khamkarv01@gmail.com	V.S.Khamkar
24	Wadhmare Sahil Kisor	CE	9767587370	9850262557	Sahilwadhmare2508@gmail.com	S.K.Wadhmare
25	Jagadale Aniket chandrakant	C.E	9665042653	9503873304	aniketjagadale9665@gmail.com	Jagadale
26	SATAV ROHAN DEVIDAS	E&TC	9370283026	7887204907	Rohansatav123@gmail.com	
27	Tekawade Pranav Ramesh	E&TC	7666468024	9552846902	pranavtekawade1234@	Tekawade
28	Rohan. B Jangid	C.E.	9561607717	7249736625	Rohanjangid631@gmail.com	
29	Dudhane Devang Dattatray	E&Tc	7447209145	9545502846	devangdudhane@gmail.com	Dudhane.

E E Dept

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Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.

DEPARTMENT OF FIRST YEAR ENGINEERING

Academic Year: 2021 - 22, Semester - I

Induction Program

REGISTRATION SHEET

Class: _____ Day & Date : _____

Activity: _____

Sr. No.	Name of Student	Branch	Student's Contact No. (WhatsApp No.)	Parent's Contact No	Email Id	Signature
1	GADE GAURAV BABURAV	comp.	8177846062	7038527131	gadegg604@gmail.com	G.B.Gade
2	Bhangade Tanmay Pandurang	Civil	9823050329	8453786222	Tanmay.bhangade21@gmail.com	Bhangade
3.	Rutik Lahu Konde	mech.	8421243871	9881225266	rutikkonde15@gmail.com	Rutik
4	more prajik pandurang	comp.	9175756601	8975451420	Prajikmore2420@gmail.com	Prmore
5	Khan Arbaz Khurshid	comp.	8080736506	8237966162	arbazkh6162@gmail.com	Khan
6	Gadekar omkar Dattatray	comp	9322465132	9112732641	OMgadekar8052@gmail.com	ogadekar
7	vishwakarma vinod Bharat	mech.	7058983204	7758873191	vinodvishwakarma0386@gmail.com	Vinod
8	Sawant Omkar Prasad	mech.	7843d2635	7588950343	omkarpsawant072003@gmail.com	omkar
9	shinde Anand Balaso	Mech	9960919910	8888495161	anandshindegaas@gmail.com	Shinde
10	Shingade Aniket Nagadu	E & TC	9960525765	9967848140	ADShingade111@gmail.com	A.Shingade
11	Mangesh Kakasaheb Kolapkar	Compt	9421279355	9421279355	Mangeshkolapkar7460@Gmail.com	Mangesh Kolapkar
12	AMAAN RAFIK SAYYAD	COMPUTER	8624815425	9975728410	Sayyedamaan600@	Sayyad
13	BORKAR SAMEER BHANUDAS	E&TC	9067691977	9763030093	borkarsameer01@	Borkar
14	Parthe Durgesh Bharat	comp.	8999449060	8169900645	durgeshparthe1235us@	Parthe
15	Mahajan Kaushal shamkant	comp.	8830132687	9765972006	mahajankaushal810@gmail.com	Mahajan

Sr. No.	Name of Student	Branch	Student's Contact No. (WhatsApp No.)	Parent's Contact No	Email Id	Signature
16)	Kadam Sushant prashant	comp.	7758814079	7758814079	Kadamsushant760	
17)	Bhosale Digvijay Ramesh	mechanics	7385380799	7709563152	digvijaybhosale3145	
18)	Rithe Sanket Prashant	Mechanics	7721855368	9552916466	Sanketrithe04	
19)	Bodare Aniket Ganesh	mechanics	8080763835	8080763835	aniket.bodare11@gmail	
20)	Chandalkar Kiran Bhaskar	Mechanic	8600210115	8600210115	kbhandalkar@gmail	
21)	Bhandalkar Aniket Pramod	Mech.	9307489121	9307489121	Aniketbhandalkar162	
22)	Yadavshreyas chandrakant	E&TC	8983071315	9890522128	shreyasyadav20	
23)	Gavade Sahil Sham	Comp.	7030829717	9850071341	sahilgawade170	
24)	Beloshe Atharv Ramesh	Comp.	7028405581	9527166258	Atharv.beloshe	
25	Aditya Rajendra Nikam	E&TC	7498623601	7498623501	AdityaNikam67	
26)	Aditya Ganpat dhaigude	E&TC	9858950707	9146491276	adityadhaygude1137	
27)	Khandagale Avishkar S.	E&TC	9146475969	9146475952	Avipatil4160	
28	Ambike Atul Vilas	E&TC	7499634241	7350949383	atulambike1214	

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.

DEPARTMENT OF FIRST YEAR ENGINEERING

Academic Year: 2021 - 22, Semester - I

Induction Program

ATTENDANCE SHEET

Class: FE

Day & Date : 13/12/2021 **Session: I / II**

Activity: Cultural Programme

Sr. No.	Name of Student	Signature
1	Vishwakarma Vinod Bharat	
2	Jagadale Aniket chandrakant.	
3	Waghmare Sahil Kishor	
4	Khamkar Vivek Suresh	
5	Bhandalkar Aniket Pramod.	
6	Bodare Aniket Ganesh	
7	Ambike Atul Vikas	
8	Haval Vijay Vikas	
9	Shinde Omkar Suresh	
10	Dhamal Aditya Rohidas	
11	Kusahe Akshay Shahadev	
12	Khadtare Deepak Sampat	
13	Jagad Sayash Anil	
14	Adsul Swarup Sunil	
15	Bhandalkar Kiran Bhanudas	
16	Pabij Sandip Birdawade	
17	Karape Nilima Nitin	
18	Bhoite sanket sanjay	
19	shelke Aniket Shivaji	
20	shinde omkar suresh	
21	shinde Anand Balaso	
22	Shingade Aniket Dagady	
23	Aniket Bandu Kute	
24	Adesh Deshmukh	
25	Abhishek Mangalkar.	
26	Mangesh kalapkar	
27	Sawant omkar prasad	
28	Satav Rohan devidas	
29	Kondhalkar Dipak Pandurang	
30	Jadhe Deep Satish	

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.

DEPARTMENT OF FIRST YEAR ENGINEERING

Academic Year: 2021 - 22, Semester - I

Induction Program

ATTENDANCE SHEET

Class: FE **Session: I / II**

Day & Date : 13/12/2021

Activity: Cultural Programme

Sr. No.	Name of Student	Signature
1	Apurva Sandip Moral	
2	Vaishnavi Ponale	
3	Vaishnavi Kadhid	
4	Pranati magar.	
5	Rutuja kalkar.	
6	Salunkhe Prachi -	
7	Patil Preeti Mahaver	
8	Chavan Simran Umesh	
9	Mankar Priyanka Bharat	
10	Budgude Shravanee Navnath	
11	Dere Ekata Santosh	
12	Gole Mayuri Santosh	
13	Dolphade Harshada Tukaram	
14	More Ankita Sudam	
15	Karape Nikita Nitin	
16	Gaikwad Neha Ajay	
17	~~More~~ Ankita	
18	Jadhav Rutuja Ashok	
19	Mahite Akanksha Sudhakar	
20	Pol Rutuja Rajaram	
21	Gaikwad Sakshi Bhimaji	
22	Nevase Komal Bhause	
23	Gole Pradnya Laxman	
24	Mujumale shravani chintamani	
25	Bhilare Pooja Kisan	
26	Andhalikar Akshada Yashwant	
27	Pawar Prajakta vilas	
28	Zanjure Aditi Shivaji	
29	Bhorat maheshwari Jaywant	
30		

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Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.
Website: www.rajgad.edu.in, Email Id: scscoe@gmail.com

FEEDBACK FORM FOR GUEST LECTURE

Name of the Student : Haral Apurva Sandip

Name of the Speaker : Mr. Udaysheth Gujar sir

Topic : Motivational speech based on trends in engineering

If you attended the guest lecture we would like to make sure that the sessions were relevant and useful. Give your appropriate feedback to make the future lectures more beneficial for you.

☐ Please '√' the option you find most suitable.

S.No	Particular	Extremely Good	Good	Quite Good	Poor
1.	How was the overall organization of the lecture?	✓			
2.	How relevant was the content discussed by the speaker?		✓		
3.	Are you satisfied with the time and venue?	✓			
4.	How much interesting this session was for you?	✓			
5.	How was your preparation about the topic before the guest lecture?		✓		
6.	Did the lecture cover what you were expecting?		✓		
7	What is your opinion about the speaker?	✓			
8	How much this session was useful from the knowledge and information point of view	✓			
9	Overall effectiveness of the lecture	✓			

Additional comments and suggestions for future :

— Overall session was very superb and very Motivational to every youngsters. It really helps to improvements.

Shivajiraje College of Engineering
F E
Dept

Signature

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

Date: 12/04/2022

NOTICE

All staffs of First Year Engineering department are hereby informed that, staff meeting is schedule on 13/04/2022 in H.O.D cabin at 1.00 pm to discuss about Induction programme of Sem II schedule on 18/04/2022 to 25/04/2022

Meeting Agenda:

- To discuss planning of arrangement of Induction programme conduction.
- Formation of different committee's for smooth conduction of induction function.
- Arrangement in seminar hall.
- About photo shoot.
- Hospitality of guests, students and parents.

A Bobade

Prof. A. R. Bobade

Event Co-Ordinator

Kale

Prof. J.G. Kale

HOD (FE)

Head of Department

First Year Engineering

Shri Chh. Shivajiraje College of Engg.

Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's * Shri Chhatrapati Shivajiraje College of Engg. DTE:6324 SPPU:4071 Dhangawadi Pune 412205

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

INDUCTION PROGRAM

DEPARTMENT: **F.E**

CLASS: **F.E 2021- 22**

TITLE/TOPIC: **Induction Program**

DATE: **18/04/2022 to 25/04/2022**

DURATION OF EVENT: **5hrs per day**

STUDENT/ STAFF PRESENT: **117/15**

DEPARTMENT CO-ORDINATOR: **Prof. A. R. Bobade**

OBJECTIVE: To create awareness in the young minds of the students regarding the unity in diversity & to reduce stress on students. Starting with the new academic session, colleges will greet every student with a 1week-long 'induction programme' before they start on any study of Engineering semester II.

The term induction is generally used to describe the whole process whereby the incumbents adjust to or acclimatize to their new roles and environment. In other words, it is a well-planned event to educate the new entrants about the environment in a particular institution, and connect them with the people in it.

The induction program of Department of First Year Engineering for Sem II of Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi was held on between **18/04/2022 to 25/04/2022**

Rajgad Dnyanpeeth's DTE:6324 SPPU:4071 Dhangawadi Pune 412205 Shri Chhatrapati Shivajiraje College of Engg.

DAY -1

On the first day Monday, 18/04/2021 of Induction Programme, students reported to college. Registration & welcome of students are done.

The Chief guest for this event is Mr. Deepak Wani HR of PAREE Company, Khandala also the Principal of RD's SCSCOE Prof. Dr. S.B. Patil & all of the head of departments were present. After this the warm welcome of all the dignitaries was done by the students. In the beginning Saraswati Pujan & Deep Prajwalan is done by Chief Guest, Respected Principal & HOD's of all departments.

Deep Prajwalan is done by Chief Guest & Respected Principal

Chief Guest Mr. Deepak Wani addressed students

At the end of the day, Vote of Thanks is given by Prof. B.P. Tapare from first year department & anounced the end of the programme for the day.

DAY 2

On the Second day Tuesday, 19/04/2022 of Induction Programme, students reported to college. Expert Lecture by Prof. R. R. Birajdar sir arranged for the students on the topic of **'How to cope with Engineering Education'.**

In afternoon session, division-wise to Class Co-coordinator & batch wise teacher guardians are introduced themselves to students. Students received a copy of time-table of lectures as well as schedule of Induction Programme. Class coordinators interacted with students and oriented them to academic practices in the First Year Engineering.

Class teachers and TG interacted with newly admitted students

After that, class teachers announced the end of programme for a day.

DAY 3

On third day Wednesday, 20/04/2022 of Induction Programme, students reported to college. Expert Lecture by Prof. M. K. Ahirao arranged for the students on the topic of **'Sahaj Yoga'.**

In the afternoon session, Students are introduced to technical activities. This session helped students to enhance their ideas beyond their limit. The name of Session is 'Poster Presentation Competition'. For this topic is already given to students. Once the poster were completed exhibition for posters are arranged. Many staff & students of other departments were visited for exhibition. At the last, presentation of their respective posters was given by students & top three posters were selected.

Poster Presentation Competition

DAY-4

On Fourth day Thursday, 21/04/2022 of Induction Programme, students reported to college. Expert Lecture by Prof. Dr. S. D. Pasalkar sir arranged for the students on the topic of **'Training & placement in institute'.**

Prof. Dr. S. D. Pasalkar sir addressing students

In the afternoon session, Students are engaged in "Swachata Abhiyan" at Adbalnaath Temple, Dhangwadi.

On Fifth day Friday, 22/04/2022 of Induction Programme, students reported to college. Guest Lecture by Prof. T. M. Dudhane arranged for the students on the topic of '**Recent trends & scope in Electronic Engineering**' has been conducted in the morning session for students & in afternoon session of same days the technical activities such as Group discussion, quiz competition &debate competition has been conducted.

Prof. T. M. Dudhane addressing students

Students participated in Group discussion, quiz competition &debate competition

DAY- 6

On Sixth day Saturday 23/04/2022 of Induction Programme, students reported to college. Expert Lecture by Prof. A. S. Nawadkar arranged for the students on the topic of **'Importance & Need of Engineers in present market.'**

Prof. A. S. Nawadkar addressing students

On Afternoon i.e. on Saturday 23/04/2022fun fair activities are arranged & all are encouraging students to participate in most of the activities.

Funfair activities

DAY- 7

On the Seventh day i.e. on Monday 25/04/2022 the department of First Year Engineering organized the visit to Science Park located at Pimpri Chinchwad for students. The Science Park is a non-formal educational institution to communicate developments in Science & Technology among the masses, and encourage creativity and spirit of enquiry among the students. Apart from providing effective environment for non-formal science education Pimpri Chinchwad Science Park is sure to enthuse and excite the people especially students of the region creating awareness on important topical issues in science, technology and engineering.

The Science park Pimpri Chinchwad (PCMC) consist of 4 galleries –

1. Automobile gallery Showing the journey in automobile engineering — from the invention of a wheel to the latest developments

2. Energy gallery Showing exhibits on energy, such as solar, mechanical, electrical, etc.

3. Fun science galleryShowing entertainment, science and computers, to understand the basic principles in physics, mathematics, geography, geology, chemistry, bio-sciences and electrical engineering,

4. Climate Change gallery It will also have exhibits of dinosaurs as well as inflatable dome planetarium with a seating capacity of 15 to 20. Basic information about astronomy, stars andplanets.

Visit to Science Park located at Pimpri Chinchwad

In this way, Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering organized & conducted the induction function for first year students in the starting of Semester II of A.Y. 2020-21.

Prof.A. R. Bobade

Event Co-Coordinator

Prof. J.G. Kale

HOD (FE)

Head of Department
First Year Engineering
Shri Chh. Shivajiraje College of Engg
Dhangawadi, Pune-411201

Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engg DTE 6324 SPPU 4071 Dhangawadi Pune 411201

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE ENGINEERING

Gat No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

DEPARTMENT OF FIRST YEAR ENGINEERING

Academic Year: 2021-22, Semester - II

Induction Programme — Welcome & Registration.

Class: FE **Session: I/ II**

Sr. No	Student Name	Sign
1	Kashid Vaishnavi Vilas	
2	kalkar Rutuja Shankar	
3	Haral Apurva Sandip	
4	Gole Shruti Sunil	
5	Daiphode Harshada Tukaram	
6	Gaikwad Neha Ajay	
7	Dere Ekata Santosh	
8	Gaikwad Sakshi Bhimaji	
9	Akshada Yashwant Andhalikar	
10	Karape Nikita Nitin	
11	Dhumal Shivanjali Santosh	
12	Gaikwad Rachana Amol	
13	Bhosale Shreya Sanjay	
14	Bhilare Pooja Kisan	
15	Budgude Shravanee Navnath	
16	Chavan Simran Umesh	S.U.Chavan
17	Dhamal Aditya Rohidas	A.R.Dhamal
18	Hoval Vijay Vikas	
19	Adul Swarup Sunil	
20	Jangid Rohan BIHARI	
21	Gade Gaurav Baburao	G.B.Gade
22	Ambike Atul ~~Vikas~~ Vilas	
23	Bansode Niranjan Shrikrishna	
24	Birdawade Rohit Sandip	
25	Bankar Sameer Bhalwadas	
26	Ghogle Aniket Navnath	
27	Karape Milind Nitin	
28	Bhoite Sanket Sanjay	Bhoite
29	Ansari Hasnain Haidar	Hasnain

shivajirajecollege of Engineering F.E. Dept

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE ENGINEERING

Gat No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

DEPARTMENT OF FIRST YEAR ENGINEERING

Academic Year: 2021-22, Semester - II

Induction Programme

Class: FE **Session: I/ II**

Sr. No	Student Name	Sign
1	Magar Pranoti Mahadev	
2	Mhaske preeti dnyaneshwar	
3	Uppalwade Sneha Rajkumar	
4	Popale Vaishnavi Pandhurang	
5	Patil Preeti Maharaer	P.M.Patil
6	Phadatare Arpita Sunil	
7	Mankar Priyanka Bharat	Mankar.P.B.
8	Nevase Komal Bhauso	
9	Kharat Maheshwari Jayvant	
10	Salunkhe Anuja Dhanaji	
11	Zanje Aditi Shivaji	
12	Pawar Prajakta vilas	
13	salunkhe pradip Baksaheb	
14	Vare Sahil Rohidas	
15	Shinde Omkar Suresh	
16	Tekawade Pranav Ramesh	
17	salekar Omkar	
18	More Pratik Pandurang	
19	Khan Abaz khurshid	
20	Digant Abhijeet Vyahalkar	
21	Mahajan Kaushal Shamkant	
22	Parkhe Durgesh Bharat	
23	Sayyad Kadar	
24	Kondhalkar Dipak pandurang	
25	Sawant Omkar prasad	
26	Vishwakarma vinod Bharat	
27	Khamkar Vivek Suresh	
28	Khaladkar Deepak Sampat	
29		

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
S.No.237, Dhangwadi, Tal-Bhor, Dist-Pune

DEPARTMENT OF E & TC ENGINEERING

Academic Year (21-22)

Policy for Advanced and Slow Learners based on Percentage:

1) Students who secured more than 75% in previous End semester and Unit test Score is above 20 marks are grouped under the category of Advanced Learners.
2) Students in the range 51% to 74% are grouped as Average Learners.
3) Students who obtained below 50% in previous End Sem and Unit test score below 12 are grouped under slow learners.

Policy for Advanced and Slow Learners based on SGPA:

1) Students whose previous End Semester results are above 7.5 SGPA and Unit Test I score is above 20 marks are classified Advanced Learners.
2) Students below 7.4 SGPA are classified as Average Learners.
3) Students who have 2 or more backlog in previous End semester results ad Unit Test I score is below 12 marks are grouped as Slow Learners.

Shri Chhatrapati Shivajiraje College of Engineering Pune
E&TC Engg. Deptt.
R.D.'s

Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg
Dhangawadi, Pune-412206

3. Sample List of Advanced and Slow Learner

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Academic Year : 2021-22 Semester : I

LIST OF SLOW LEARNERS

Class: Subject:

Roll No.	Name of the Student	Total % Weightage Based on Parameter (out of 100)
SET20F003	DHAMAL PRATIKSHA SURESH	32
SET21D024	SAWANT SHITAL DINKAR	25
SET21D025	NAVGHANE AKASH DHANAJI	24
SET21D027	GADRE POOJA SHIVAJI	29
SET21D028	PAWAR DHANANJAY DILIP	28
SET21D046	JAGTAP MANASI ARJUN	38
SET21D050	KOLI RUTUKESH RAJARAM	40
SET21D053	SHINDE VISHAL FULCHAND	41
SET21D056	JOSHI BINDUKUMARI KRISHNARAJ	45
SET21D063	CHAVAN SAGAR UMESH	45
SET21D065	BHANDARE PANKAJ SANJAY	45
SET21D078	KHOPADE CHAITRALI BALKRUSHANA	45
SET21D080	GADHAVE ANKITA SAMBHAJI	41

Note: Total percentage less than or equal to 45 are the slow learners.

Faculty sign:

Prof. J. T. Bandal

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Academic Year : 2021-22 **Semester : I**

LIST OF ADVANCED LEARNERS

Class: S E **Subject: Digital Circuits**

Roll No.	Name of the Student	Total % Weightage Based on Parameter (out of 100)
SET20F001	BAHARUPI TOUHIT SARDAR	83
SET20F002	BANDAL ALISHA JAYENDRA	95
SET20F005	GHADGE SOURABH DILIP	78
SET20F006	JAGTAP APURVA SUDHAKAR	93
SET20F007	KHOPADE BHAGYASHREE SHIVAJI	82
SET20F008	PANDEKAR PRAJAKTA NAVNATH	91
SET20F009	PHADTARE SHWETA ANIL	82
SET20F010	RAUT ANURADHA JITENDRA	82
SET20F013	CHIKANE UJIWALA KRUSHNA	82
SET20F014	ZANZANE PRAFULLA DHARMARAJ	75
SET20F015	NIGADE SHWETA UTTAM	83
SET20F017	KAMBLE ANIKET CHARANDAS	75
SET20F018	LOHAR JAYANT SURYAKANT	80
SET21D042	JADHAV ROHIT SAJAY	86

Faculty Sign:

Prof. I. J. Bandal.

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.

DEPARTMENT OF E & TC

Academic Year : 2021-22, Semester - I

SLOW AND ADVANCED LEARNER IDENTIFICATION

Course Code : 204182	**Class : SE**
Course Name:Digital Circuits	**Name of Faculty: Asst. Prof. J. J. Bandal**

Roll No.	Name of Student	Class Test I (Out of 20)	50% Weightage	Overall Marks in Previous Exam (SGPA)	25% Weightage	Class Observation (on the Scale of 1-10)	25% Weightage	Total % Weightage (out of 100)
SET20F001	Bahurupi Touhit Sardar	17	42.5	8.07	20	8	20	83
SET20F002	Bandal Alisha Jayendra	20	50	9.16	23	9	23	95
SET20F003	Dhamal Pratiksha Suresh	AB	#VALUE!	7.86	20	5	13	32
SET20F004	Gadhave Prathamesh Prashant	13	32.5	8.32	21	7	18	71
SET20F005	Ghadge Sourabh Dilip	15	37.5	8.14	20	8	20	78
SET20F006	Jagtap Apurva Sudhakar	19	47.5	9.14	23	9	23	93
SET20F007	Khopade Bhagyashree Shivaji	17	42.5	7.64	19	8	20	82
SET20F008	Pandekar Prajakta Navnath	19	47.5	8.25	21	9	23	91
SET20F009	Phadtare Shweta Anil	17	42.5	7.82	20	8	20	82
SET20F010	Raut Anuradha Jitendra	17	42.5	7.93	20	8	20	82
SET20F011	Salunkhe Omkar Rajaram	19	47.5	1 ATKT	#VALUE!	2	5	53
SET20F012	Tupe Sakshi Laxman	18	45	1 ATKT	#VALUE!	1	3	48
SET21D013	Chikane Ujiwala Krushna	17	42.5	79.59	20	8	20	82
SET21D014	zanzane Prafulla Dharmaraj	16	40	83.79	21	9	23	83
SET21D015	Nigade Shweta Uttam	16	40	80.00	20	7	18	73
SET21D016	Kole Shivani Sopan	14	35	71.00	18	7	18	75
SET21D017	Kamble Aniket Charandas	16	40					

Roll No.	Name of Student	Class Test I (Out of 20)	50% Weightage	Overall Marks in Previous Exam (SGPA)	25% Weightage	Class Observation (on the Scale of 1-10)	25% Weightage	Total % Weightage (out of 100)
SET21D018	Lohar Jayant Suryakant	16	40	81.07	20	8	20	80
SET21D019	Waghmare Ajay Sanjay	14	35	73.00	18	6	15	68
SET21D020	Chavan Pushpashil Prashant	15	37.5	84.41	21	2	5	64
SET21D021	Jadhav Kartik Arun	14	35	82.41	21	2	5	61
SET21D022	Kshirsagar Asmita Hiralal	15	37.5	70.51	18	2	5	60
SET21D023	Galande Shivaji Pandurang	17	42.5	65.76	16	5	13	71
SET21D024	Sawant Shital Dinkar	0	0	69.00	17	3	8	25
SET21D025	Navghane Akash Dhanaji	0	0	66.00	17	3	8	24
SET21D026	Sawmi Sangmeshwar Virbhadra	12	30	66.24	17	1	3	49
SET21D027	Gadre Pooja Shivaji	0	0	86.00	22	3	8	29
SET21D028	Pawar Dhananjay Dilip	0	0	60.18	15	5	13	28
SET21D029	Dhore Pratik Chandrashekhar	14	35	73.76	18	1	3	56
SET21D030	Bhoite Sanket Rajendra	13	32.5	60.00	15	1	3	50
SET21D031	Patil Shraddha Dilip	14	35	78.06	20	2	5	60
SET21D032	Salunke Reshma Vilas	11	27.5	72.97	18	1	3	48
SET21D033	Shirke Kranti Baburao	9	22.5	72.42	18	2	5	46
SET21D035	Dalvi Swati Shivaji	12	30	87.35	22	1	3	54

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.

DEPARTMENT OF E & TC

Academic Year : 2021-22, Semester - I

SLOW AND ADVANCED LEARNER IDENTIFICATION

Course Code : 204182	**Class : SE**
Course Name:Digital Circuits SLOW LEARNER	**Name of Faculty: Asst. Prof. J. J. Bandal**

Roll No.	Name of Student	Class Test I (Out of 20)	50% Weightage	Overall Marks in Previous Exam (SGPA)	25% Weightage	Class Observation (on the Scale of 1-	25% Weightage	Total % Weightage (out of 100)
SET20F003	Dhamal Pratiksha Suresh	AB	#VALUE!	7.86	20	5	13	32
SET21D024	Sawant Shital Dinkar	0	0	69.00	17	3	8	25
SET21D025	Navghane Akash Dhanaji	0	0	66.00	17	3	8	24
SET21D027	Gadre Pooja Shivaji	0	0	86.00	22	3	8	29
SET21D028	Pawar Dhananjay Dilip	0	0	60.18	15	5	13	28
SET21D046	Jagtap Manasi Arjun	7	17.5	70.81	18	1	3	38
SET21D050	Koli Rutukesh Rajaram	9	22.5	61.18	15	1	3	40
SET21D053	Shinde Vishal Fulchand	9	22.5	65.22	16	1	3	41
SET21D056	Joshi Bindukumari Krishnaraj	10	25	70.41	18	1	3	45
SET21D063	Chavan Sagar Umesh	10	25	69.27	17	1	3	45
SET21D065	Bhandare Pankaj Sanjay	10	25	69.89	17	1	3	45
SET21D078	Khopade Chaitrali Balkrushana	11	27.5	61	15	1	3	45
SET21D080	Gadhave Ankita Sambhaji	10	25	55	14	1	3	41

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DEPARTMENT OF E & TC

Academic Year : 2021-22, Semester - I

SLOW AND ADVANCED LEARNER IDENTIFICATION

Course Code : 204182	**Class : SE**
Course Name:Digital Circuits ADVANCED LEARNER	**Name of Faculty: Asst. Prof. J. J. Bandal**

Roll No.	Name of Student	Class Test I (Out of 20)	50% Weightage	Overall Marks in Previous Exam (SGPA)	25% Weightage	Class Observation (on the Scale of 1-	25% Weightage	Total % Weightage (out of 100)
SET20F001	Bahurupi Touhit Sardar	17	42.5	8.07	20	8	20	83
SET20F002	Bandal Alisha Jayendra	20	50	9.16	23	9	23	95
SET20F005	Ghadge Sourabh Dilip	15	37.5	8.14	20	8	20	78
SET20F006	Jagtap Apurva Sudhakar	19	47.5	9.14	23	9	23	93
SET20F007	Khopade Bhagyashree Shivaji	17	42.5	7.64	19	8	20	82
SET20F008	Pandekar Prajakta Navnath	19	47.5	8.25	21	9	23	91
SET20F009	Phadtare Shweta Anil	17	42.5	7.82	20	8	20	82
SET20F010	Raut Anuradha Jitendra	17	42.5	7.93	20	8	20	82
SET21D013	Chikane Ujiwala Krushna	17	42.5	79.59	20	8	20	82
SET21D014	zanzane Prafulla Dharmaraj	16	40	71.71	18	7	18	75
SET21D015	Nigade Shweta Uttam	16	40	82.71	21	9	23	83
SET21D017	Kamble Aniket Charandas	16	40	71.00	18	7	18	75
SET21D018	Lohar Jayant Suryakant	16	40	81.07	20	8	20	80
SET21D042	Jadhav Rohit Sanjay	16	40	94.67	24	9	23	86

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DEPARTMENT OF _ELECTRONICS AND TELECOMMUNICATION

Academic Year : 2021-22, Semester - I

SCHEDULE OF SLOW LEARNER ACTIVITIES

Class : SE

Course : Digital Circuits

Nameof Faculty:Prof. J. J. Bandal

Lecture No.	Date	Time	Activity	Topic/Unit Covered
1.	9/10/2021	10:30 to 11:30	Extra lecture	Unit I
2.	16/10/2021	12:45 to 1:45	Extra lecture	Unit I
3.	23/10/2021	10:30 to 11:30	Extra lecture	Unit II
4.	30/10/2021	12:45 to 1:45	Extra lecture	Unit II

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E&TC Engg. Dept.

Sign of Faculty

Academic Year : 2021-22 Semester : I

ATTENDANCE RECORD OF SLOW LEARNERS

Class : SE. Subject : Digital Circuits

Roll No.	Name of the Student	Lect No. / Date :	1	2	3	4	5	6	7	8	9	10	Total
SF 3	Dhamal Pratiksha Suresh		A	A	A	A							
24	Sawant Shital Dinkar		P	P	P	P							
25	Navghane Akash Dhanaji		P	P	P	P							
27	Gadre Pooja Shivaji		A	A	A	A							
28	Pawar Dhananjay Dilip		P	P	P	P							
46	Jagtap Manasi Arjun		A	P	P	P							
50	Koli Rutukesh Rajaram		A	P	P	P							
53	Shinde Vishal Fulchand		P	P	P	P							
56	Joshi Bindukamari krishnaraj		A	P	P	P							
63	Chavan Sagar Umesh		A	P	P	P							
65	Bhandare Pankaj Sanjay		P	P	P	P							
78	Khopade Chaitrali Balkrushna		P	P	P	P							
80	Gadhave Ankita Sambhaji		P	P	P	P							
Signature of Faculty													
Signature of Academic C0-Ordinator													
Signature of Head of Department													

Rajarshi Shahu Chhatrapati Shivajiraje College of Engineering, Pune
E&TC Engg. Deptt.

Academic Year : 2021-22 Semester : I

PERFORMANCE IMPROVEMENT OF SLOW LEARNERS

Class : SE Subject : Digital Circuits

Roll No.	Name of the Student	Total % Weightage Based on Parameter (Out of 100)	Marks Obtined in Online/ Insem Exam (out of 30/50)	Marks Obtined in End Sem Exam (out of 50/70)	Total Marks (out of 100)	Improved / Not Improved
3	Dhamal PratikshaSuresh	32	AB	AB.	—	—
24	Sawant Shital Dinkar	25	AB	AB	—	—
25	Navghane Akash Dhanaji	24	22	AB	—	—
27	Gadre Pooja Shivaji	29	AB	AB	—	—
28	Pawar Dhananjay Dilip	28	24	56	80	Improved
46	Taglap Manasi Arjun	38	24	24	48	Not improved
50	Koli Rutukesh Rajaram	40	24	55	79	Improved.
53	Shinde Vishal Fulchand	41	23	55	78	Improved
56	Joshi Bindukamari K.	45	27	63	90	Improved
63	Chavan Sagar Umesh.	45	24	39	63	Improved.
65	Bhandare Pankaj Sanjay	45	26	50	76	Improved
78	Khopade Chaitali B.	45	23	69	92	Improved
80	Gadhave Ankita Sambhaji	41	27	57	84	Improved.

4. Assignment for Slow Learners

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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Academic Year : 2021-22 , Semester - I

ASSIGNMENT NO: 1

Class : SE

Course : Digital circuits

Unit No. and Name : II Combinational Logic Design

Assignment Declaration Date: 29/09/2021

Maximum Marks: 25

Nameof Faculty: Asst. Prof. J. J. Bandal

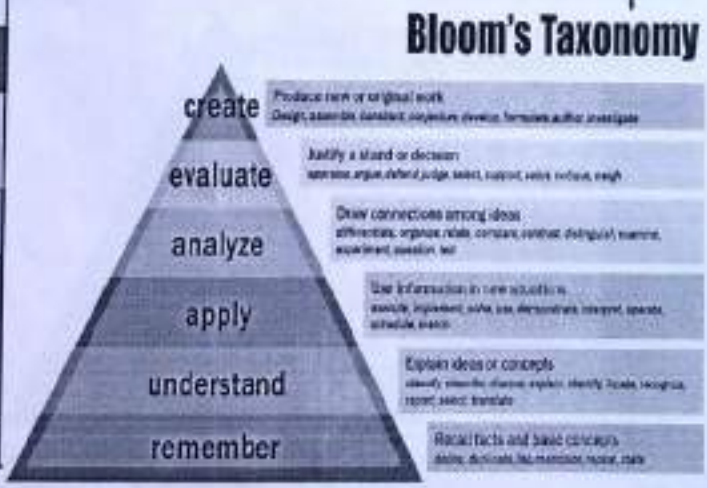
Batch No.

Assignment Submission Date (on or before): 8/10/2021

Assignment assessment declaration Date by faculty (on or before):

Question No.	Question Statement	CO Mapping	Blooms Level	Marks
1	Design full adder using logic gates.	CO 2	6	5
2	Design a 4-bit binary to BCD converter.	CO 2	6	5
3	Design a logic circuit to convert gray code to binary code	CO 2	6	5
4	Design 4 bit excess-3 to BCD code converter and implement using logic gates.	CO 2	6	5
5	Simplify the following Boolean function by using Quine-McCluskey method. $F(A,B,C,D)=\sum m(2,4,5,9,12,13)$	CO 2	3	5

Blooms level no	Blooms Taxonomy terms
6	
5	
4	
3	
2	
1	



Note:

1. Example demonstrate the method for filling the data
2. Blooms Taxonomy is provided for Ready Reference

Sub. Incharge sign:

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E&TC Engg. Deptt.

Sign of Faculty

Rajgad Dnyanpeeth's

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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Academic Year : 2021-22 , Semester - I

ASSIGNMENT NO: 2

Class : SE

Course : Digital circuits

Unit No. and Name : I Digital Logic Families

Assignment Declaration Date: / /2021

Maximum Marks: 25

Nameof Faculty:Asst. Prof. J. J. Bandal

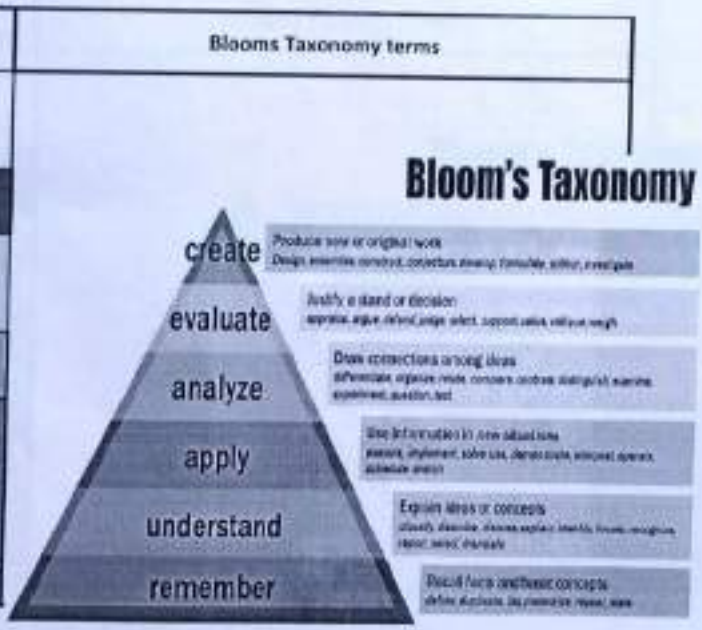
Batch No.

Assignment Submission Date (on or before): / /2021

Assignment assessment declaration Date by faculty (on or before):

Question No.	Question Statement	CO Mapping	Blooms Level	Marks
1	Draw and explain totem pole output in TTL	CO 1	2	5
2	Explain difference between current sourcing and current sinking in TTL logic.	CO 1	2	5
3	Explain with neat diagram two input CMOS NOR gate.	CO 1	2	5
4	State the characteristics of digital IC's (TTL).	CO 1	2	5
5	Write a short note on unused inputs.	CO 1	2	5

Blooms level no	Blooms Taxonomy terms
6	
5	
4	
3	
2	
1	



Note:

1. Example demonstrate the method for filling the data

2. Blooms Taxonomy is provided for Ready Reference

Sub. Incharge sign:

RDP's Shri Chhatrapati Shivajiraje College of Engineering, Pune
E&TC Engg. Dept.

Sign of Faculty

Rajgad Dnyanpeeth's

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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Academic Year : 2021-22 , Semester - I

ASSIGNMENT NO: 4

Class : SE

Course : Digital circuits

Unit No. and Name : IV Sequential Logic Design

Assignment Declaration Date: / /2021

Maximum Marks: 25

Nameof Faculty: Asst. Prof. J. J. Bandal

Batch No.

Assignment Submission Date (on or before): / /2021

Assignment assessment declaration Date by faculty (on or before):

Question No.	Question Statement	CO Mapping	Blooms Level	Marks
1	Explain operation of 1-bit memory cell.	CO4	2	5
2	Realize a SR flip –flop using NAND gates and explain its operation.	CO4	3	5
3	Convert JK flip –flop to D flip- flop	CO4	3	5
4	Convert a T flip flop to an SR flip flop .Draw the circuit.	CO4	3	5
5	Write a short note on dual MS J-K Flip flop IC 7476.	CO4	2	5

Blooms level no	Blooms Taxonomy terms
6	
5	
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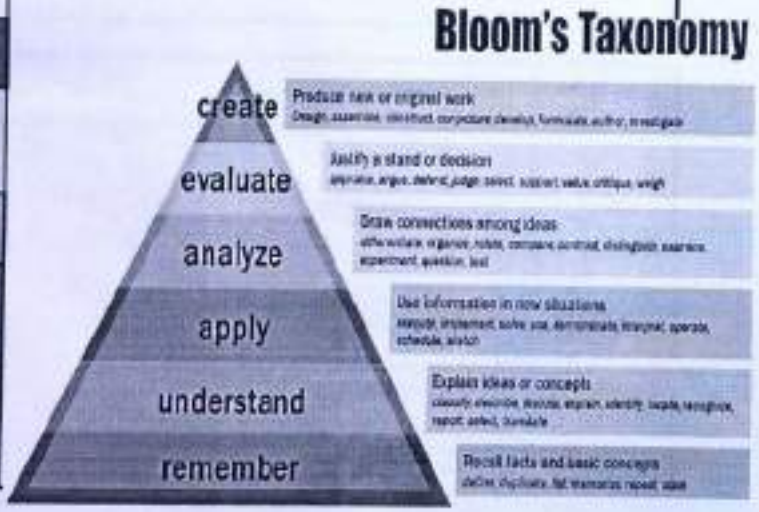
3	
2	
1	



Note:

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Sub. Incharge sign:

Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi E&TC Engg. Deptt.

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SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Academic Year : 2021-22 , Semester - I

ASSIGNMENT NO: 3

Class : SE

Course : Digital circuits

Unit No. and Name : III Combinational Circuits

Assignment Declaration Date: / /2021

Maximum Marks: 25

Nameof Faculty:Asst. Prof. J. J. Bandal

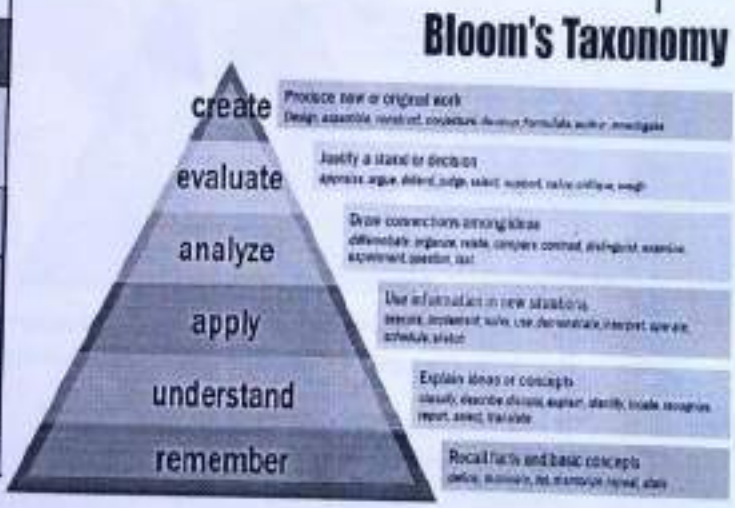
Batch No.

Assignment Submission Date (on or before): / /2021

Assignment assessment declaration Date by faculty (on or before):

Question No.	Question Statement	CO Mapping	Blooms Level	Marks
1	Design 2-bit comparator using gates.	CO 3	6	5
2	Implement the following expression using two 8:1 MUX. F(A,B,C,D) = ∑m (2,4,6,7,9,10,11,12.15)	CO 3	3	5
3	. Implement the following functions using single 8:1 MUX: F (A, B, C, D) = πM (0, 3, 5, 7, 12, 15) + d (2, 9)	CO 3	3	5
4	What do you mean by multiplexer tree? Explain.	CO 3	2	5
5	. Implement the following functions using demultiplexer f1 (A, B, C) = ∑ m (0, 3.7) f2 (A, B, C) =∑m (1, 2, 5)	CO 3	3	5

Blooms level no	Blooms Taxonomy terms
6	
5	
4	
3	
2	
1	



Note:

1. Example demonstrate the method for filling the data
2. Blooms Taxonomy is provided for Ready Reference

Sub. Incharge sign:

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Sign of Faculty

Rajgad Dnyanpeeth's

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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Academic Year : 2021-22 , Semester - I

ASSIGNMENT NO: 5

Class : SE

Course : Digital circuits

Unit No. and Name : V State Machines

Assignment Declaration Date: / /2021

Maximum Marks: 25

Nameof Faculty: Asst. Prof. J. J. Bandal

Batch No.

Assignment Submission Date (on or before): / /2021

Assignment assessment declaration Date by faculty (on or before):

Question No.	Question Statement	CO Mapping	Blooms Level	Marks
1	What is a Mealy circuit? Give an example.	CO 5	2	5
2	Compare Moore and Mealy circuits.	CO 5	2	5
3	Design the sequence generator using JK flip flop 0-2-4-6-0	CO 5	6	5
4	Design sequence detector to detect 10110	CO 5	6	5
5	Explain state reduction with suitable example.	CO 5	2	5

Blooms level no	Blooms Taxonomy terms
6	
5	
4	
3	
2	
1	

Note:

1. Example demonstrate the method for filling the data
2. Blooms Taxonomy is provided for Ready Reference

Sub. Incharge sign:

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SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Academic Year : 2021-22 , Semester - I

ASSIGNMENT NO: 6

Class : SE
Maximum Marks: 25
Course : Digital circuits
Nameof Faculty: Asst. Prof. J. J. Bandal
Unit No. and Name : VI Programmable Logic Devices
Batch No.
Assignment Declaration Date: / /2021
Assignment Submission Date (on or before): / /2021

Assignment assessment declaration Date by faculty (on or before):

Question No.	Question Statement	CO Mapping	Blooms Level	Marks
1	Explain Characteristics of DRAM.	CO 6	2	5
2	Explain in brief PROM.	CO 6	2	5
3	Explain various types of ROMs and their applications.	CO 6	2	5
4	Classify memories on the basis of principle of operation.	CO 6	2	5
5	List the advantages of semiconductor memory.	CO 6	2	5

Blooms level no	Blooms Taxonomy terms
6	
5	
4	
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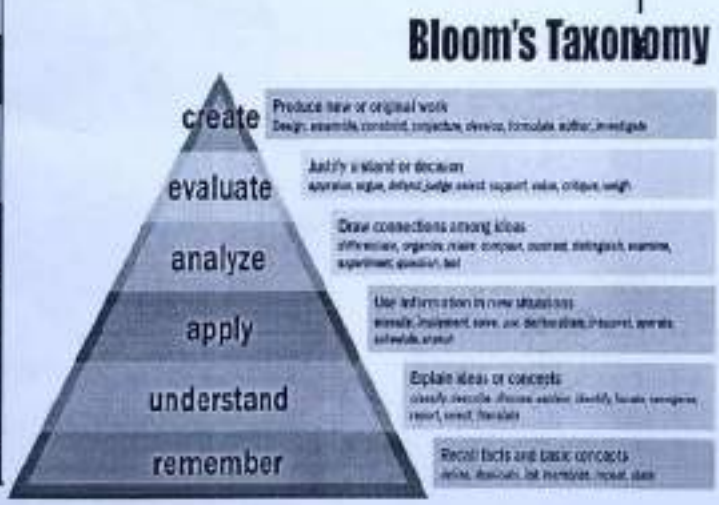
2	
1	



Note:
1. Example demonstrate the method for filling the data
2. Blooms Taxonomy is provided for Ready Reference

Sub. Incharge sign:

Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering
E&TC Engg. Dept.

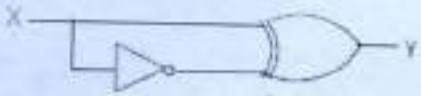
Sign of Faculty

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.

Department of Electronics and Telecommunication
A. Y. (21-22) Sem –I

Assignment No.I (For Advance Learner)
Subject :- Digital Circuits

Q1. The output Y of the logic circuit given below is



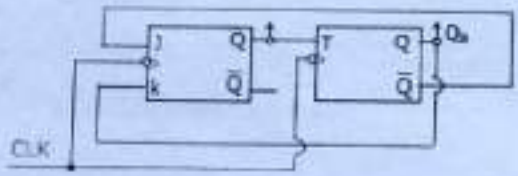
A. 0

B. 1

C. X

D.

2. A two – bit counter circuit is shown below



If the state Q_1Q_0 of the counter at the clock time t, is '10' then the state Q_1Q_0 of the counter at t + 3 (after three clock cycles) will be

A. 00

B. 01

C. 10

D. 11

3. In the sum of products function $f(X, Y, Z) = \sum(2, 3, 4, 5)$, the prime implicants are

A.

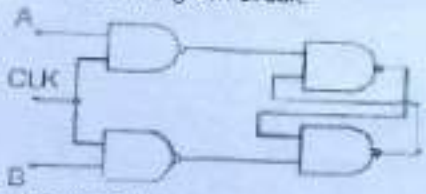
B.

C.

D.

View Solution Add Work Space

4. Consider the given circuit



In this circuit, the race around

A. does not occur

B. occurs when CLK = 0

C. occurs when CLK = 1 and A = B = 1

D. occurs when CLK = 1 and A = B = 0

5. The output Y of a 2-bit comparator is logic 1 whenever the 2-bit input A is greater than the 2-bit input B. The number of combinations for which the output is logic 1, is

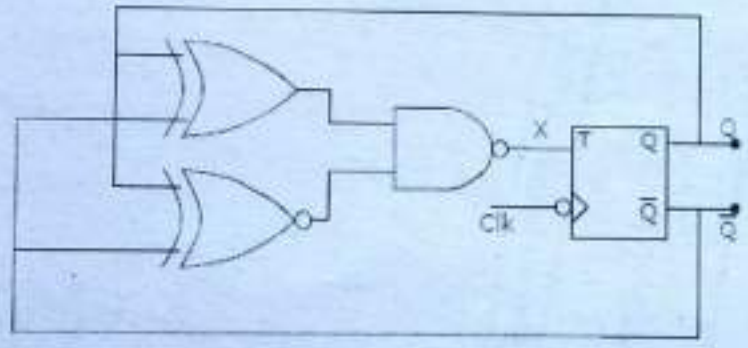
A. 4

B. 6

C. 8

D. 10

6. The clock frequency applied to the digital circuit shown in the figure below is 1kHz. If the initial state of the output of the flip-flop is 0, then the frequency of the output waveform Q in kHz is



A. 0.25

B. 0.5

C. 1

D. 2

Rajgad Dnyanpeeth's

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S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.

Department of Electronics and Telecommunication

A. Y. (21-22) Sem –I

Assignment No.I (For Advance Learner)With Answer

Subject :- Digital Circuits

Q1. The output Y of the logic circuit given below is

A. 0

B. 1

C. X

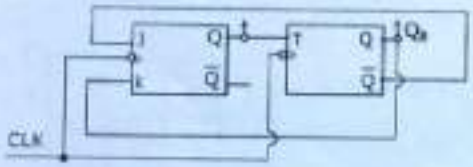
D.

Answer : Option A

Explaination / Solution:

$Y = X\bar{X} + \bar{X}X = X + \bar{X} = 1$

2. A two – bit counter circuit is shown below



If the state Q_1Q_0 of the counter at the clock time t_1 is '10' then the state Q_1Q_0 of the counter at $t_1 + 3$ (after three clock cycles) will be

A. 00

B. 01

C. 10

D. 11

Answer : Option C
Explaination / Solution:

Clock	Input			Output	
	$J_A=\overline{Q_B}$	$K_A=Q_B$	$T_B=Q_A$	Q_A	Q_B
Initial state				1	0
1	1	0	1	1	1
2	0	1	1	0	0
3	1	0	0	1	0

3. In the sum of products function f (X, Y, Z) = ∑(2, 3, 4, 5), the prime implicants are

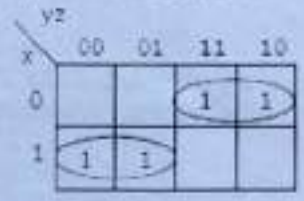
A.

B.

C.

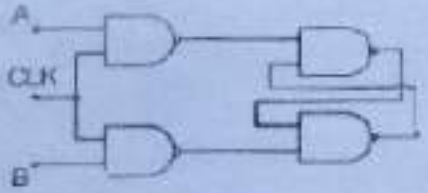
D.

View Solution Add Work Space
Answer : Option A
Explaination / Solution:



$f = xy' + x'y$

4. Consider the given circuit.



In this circuit, the race around

A. does not occur

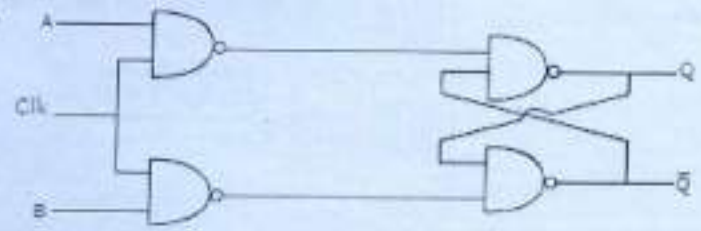
B. occurs when CLK = 0

C. occurs when CLK = 1 and A = B = 1

D. occurs when CLK = 1 and A = B = 0

Answer : Option A

Explaination / Solution:



$$Q_{next} = \overline{\overline{A.CLK.\bar{Q}}}$$

$$= A.CLK + Q$$

$$\bar{Q}_{next} = A.CLK + \bar{Q}$$

If CLK = 1 and A and B = 1

then $Q_{next} = 1$, $\bar{Q}_{next} = 1$ } No race around

If CLK = 1 and A = B = 0

$Q_{next} = Q$, $\bar{Q}_{next} = \bar{Q}$ } No race around

Thus race around does not occur in the circuit

5. The output Y of a 2-bit comparator is logic 1 whenever the 2-bit input A is greater than the 2-bit input B. The number of combinations for which the output is logic 1, is

A. 4

B. 6

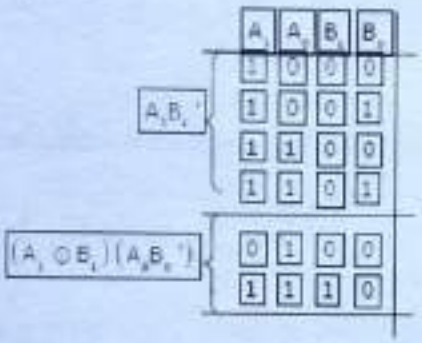
C. 8

D. 10

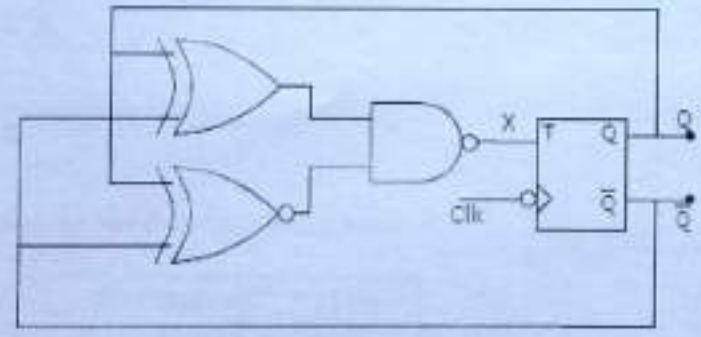
Answer : Option B

Explaination / Solution:

$$\left.\begin{matrix} A = A_1A_0 \\ B = B_1B_0 \end{matrix}\right\} \quad A>B \text{ if } A_1B_1' + [A_1 \odot B_1][A_0B_0']$$



5. The clock frequency applied to the digital circuit shown in the figure below is 1kHz. If the initial state of the output of the flip-flop is 0, then the frequency of the output waveform Q in kHz is



A. 0.25

B. 0.5

C. 1

D. 2

Answer : Option B

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.

DEPARTMENT OF E &TC

Academic Year: 2021-22, Semester - I

THEORY TEACHING RECORD (TEACHING PLAN)

Course Code: 204182 Class: SE		Name of Faculty: Asst. Prof. J. J. Bandal	
Course Name: Digital circuits		Teaching Scheme:	Th : 4 Hrs / week

Lr. No.		Topics to be Delivered	CEO	CO	Date of Plan	Date of Conduction	Remarks of Faculty (incase of variance)	Monitored by AMC	Monitored by HOD
UNIT 1 : Digital Logic Families									
1	1.1	Introduction	CEO204182.1	CO204182.1	13/8/2021	18/8/2021			
2	1.2	Prerequisite			20/8/2021	20/8/2021			
3	1.3	Classification and Characteristics of digital Logic Families: Speed, power dissipation, figure of merit,			23/8/2021	23/8/2021			
4	1.4	fan in, fan out, current, voltage, noise immunity, operating temperatures and power supply requirements.			25/8/2021	25/8/2021			
5	1.5	TTL logic. Operation of TTL NAND gate, active pull up, wired AND, open collector output, unconnected inputs. Tri-State logic			26/8/2021	26/8/2021			
6	1.6	CMOS logic: CMOS inverter, NAND, NOR gates, unconnected inputs, wired logic, open drain output.			2/8/2021	2/8/2021			
7	1.7	Interfacing CMOS and TTL, Data sheet specifications			2/8/2021	2/8/2021			

Chhatrapati Shivajiraje College of Engineering Pune E&TC Engg. Dept.

Lr. No.		Topics to be Delivered	CEO	CO	Date of Plan	Date of Conduction	Remarks of Faculty (incase of variance)	Monitored by	
								AMC	HOD
UNIT 2 : UNIT NAME									
8	2.1	Prerequisite	CEO204182.2	CO204182.2	6|9|2021	6|9|2021			
9	2.2	Definition of combinational logic, canonical forms, Standard representations for logic functions			6|9|2021	6|9|2021			
10	2.3	k-map representation of logic functions (SOP and POS forms),			8|9|2021	8|9|2021			
11	2.4	minimization of logical functions for min-terms and max-terms (upto 4 variables), don"t care conditions,			9|9|2021	9|9|2021			
12	2.5	Design Examples: Arithmetic Circuits			9|9|2021	9|9|2021			
13	2.6	BCD to 7 segment decoder, Code converters.			13|9|2021	13|9|2021			
14	2.7	Introduction to Quine- McCluskey method,			13|9|2021	13|9|2021			
15	2.8	Quine McCluskey using don"t care terms, Reduced prime implicants Tables-			15|9|2021	15|9|2021			
UNIT 3 : Combinational Circuits									
16	3.1	Adders and their use as subtractor	CEO204182.3	CO204182.3	15|9|2021	15|9|2021			
17	3.2	look ahead carry			16|9|2021	16|9|2021			
18	3.3	ALU, Digital Comparator,			16|9|2021	16|9|2021			
19	3.4	Parity generators/checkers,			20|9|2021	20|9|2021			
20	3.5	Multiplexers and their use in combinational logic designs, multiplexer trees			23|9|2021	23|9|2021			
21	3.6	Demultiplexers and their use in combinational logic designs, Decoders, Demultiplexer trees			25|9|2021	25|9|2021			
UNIT 4 : UNIT NAME									
22	4.1	1 Bit Memory Cell, Clocked SR, JK			27|9|2021	27|9|2021			
23	4.2	MS J-K flip flop, D and T flip-flops			29|9|2021	29|9|2021			
24	4.3	Use of preset and clear terminals, hold and setup			30|9|2021	30|9|2021			

Lr. No.		Topics to be Delivered	CEO	CO	Date of Plan	Date of Conduction	Remarks of Faculty (incase of variance)	Monitored by	
								AMC	HOD
25	4.4	Excitation Table for flip flop, Conversion of flip flops	CEO204182.4	CO204182.4	4/10/2021	4/10/2021			
26	4.5	Typical data sheet specifications of Flip flop application of Flip flops.			6/10/2021	6/10/2021			
27	4.6	Registers, Shift registers,			7/10/2021	7/10/2021			
28	4.7	ripple counters, Mod-n counters, up/down counters			11/10/2021	11/10/2021			
29	4.8	synchronous counters, lock out, Clock Skew, Clock jitter, Effect on synchronous designs, Sequence Generators			13/10/2021	13/10/2021			
UNIT 5 : UNIT NAME									
30	5.1	Basic design steps- State diagram, State table,	CEO204182.5	CO204182.5	14/10/2021	14/10/2021			
31	5.2	State reduction, State assignment,			18/10/2021	18/10/2021			
32	5.3	Mealy and Moore machines representation,			20/10/2021	20/10/2021			
33	5.4	Implementation, finite state machine implementation			21/10/2021	21/10/2021			
34	5.5	Sequence detector			25/10/2021	25/10/2021			
35	5.6	Introduction to Algorithmic state machines-			27/10/2021	27/10/2021			
36	5.7	construction of ASM chart and realization for sequential circuits			28/10/2021	28/10/2021			
UNIT 6 : UNIT NAME									
37	6.1	Programmable logic devices: Detail architecture	CEO204182.6	CO204182.6	1/11/2021	1/11/2021			
38	6.2	Study of PROM, PAL, PLA, General Architecture,			3/11/2021	3/11/2021			
39	6.3	features and typical specifications of FPGA and CPLD.			8/11/2021	8/11/2021			
40	6.4	features and typical specifications of CPLD.			10/11/2021	10/11/2021			

Lr. No.		Topics to be Delivered	CEO	CO	Date of Plan	Date of Conduction	Remarks of Faculty (incase of variance)	Monitored by AMC	Monitored by HOD
41	6.5	Semiconductor memories: memory organization and operation, expanding memory size,			11/11/2021	11/11/2021			
42	6.6	Classification and characteristics of memories,			15/11/2021	15/11/2021			
43	6.7	RAM ROM, EPROM, EEPROM, NVRAM, SRAM, and DRAM			17/11/2021	17/11/2021			
44	6.8	Designing combinational circuits using PLD			18/11/2021	18/11/2021			

Reference Book:

1 1 R.P. Jain, "Modern Digital Electronics", Tata McGraw Hill Publication, 3 rd Edition.
2 Thomas Floyd, "Digital Electronics", 11th Edition.

Text Book

1 Anand Kumar, "Fundamentals of Digital Circuits", Prentice Hall of India, 1 st

Start of Semester

Signature	Date
Course Faculty :	16/8/21
HoD :	17/8/21

Head of Department
Dept. of E&TC Engineering
Shri Chh. Shivajiraje College of Engg.
Bhongawadi, Pune-411206

Rajashri Shahu Chhatrapati Shivajiraje College of Engineering, Pune
E&TC Engg. Deptt.

End of Semester

Signature	Date
Course Faculty :	22/11/21
HoD :	23/11/21

Head of Department
Dept. of E&TC Engineering
Shri Chh. Shivajiraje College of Engg.
Bhongawadi, Pune-411206

Total No. of Questions : 12]

SEAT No. :

P15

[Total No. of Pages : 4

[5871] - 515

B.E. (Civil)

QUANTITY SURVEYING CONTRACTS AND TENDERS

(2015 Pattern) (Semester - II)

Time : 2½ Hours] *[Max. Marks : 70*

Instructions to the candidates :

1) *Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8, Q.9 or Q.10, Q.11 or Q.12.*
2) *Neat diagrams must be drawn wherever necessary.*
3) *Figures to the right indicate full marks.*
4) *Use of logarithmic tables slide rule, Mollier charts, electronic pocket calculator and steam tables is allowed.*
5) *Assume suitable data, if necessary.*

Q1) a) State the types of approximate estimate. Explain plinth area estimate with example. [3]

b) What is the necessity of considering contingency & work charge establishment & how much amount is usually considered for Civil Engineering Work. [3]

OR

Q2) a) Discuss briefly DSR or SSR & elaborate on its use in Civil Engineering Work. [2]

b) Prepare approximate estimate for a proposed commercial complex for shopping mall with the following details Plinth area = 750 sqm/floor, Height of each floor = 3.0m No of Storey's = G + 2

Cubical content rate = Rs. 3000/m^3 [4]

i) Water supply & sanitary connection - 10%

ii) Electrical connection at 7%

iii) Providing Road & Lawn at 5%

iv) Architectural finish at 3%

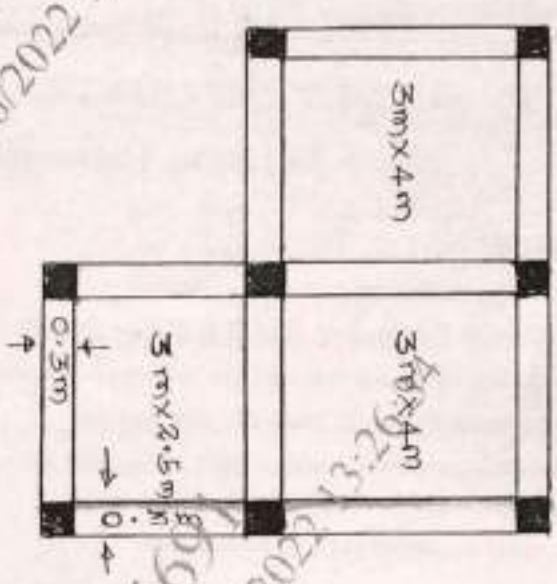
P.T.O.

Q3) Work out detailed estimate for the following item of Work for the framed structure shown in fig.1.

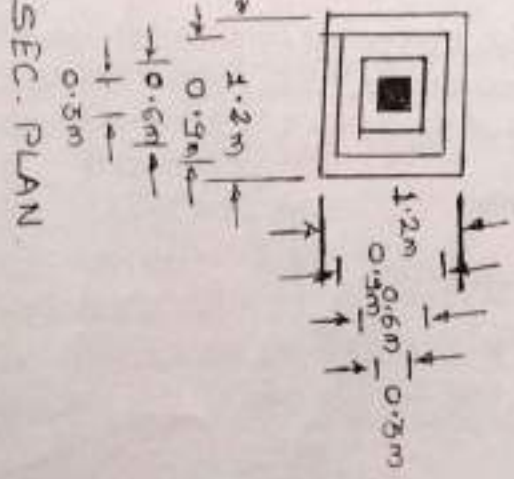
a) Footing for column in M20 [4]

b) CCM20 for RCC column [2]

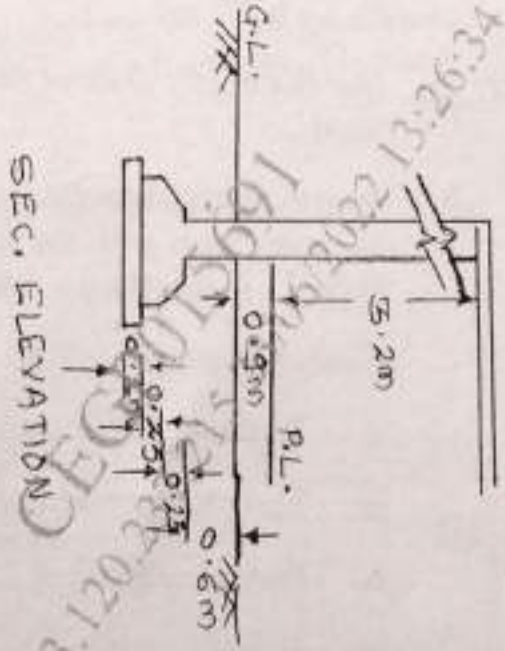
c) Quantity of steel considering 1% for footing, 2% for column. [2]



PLAN



SEC. PLAN



SEC. ELEVATION

Fig. 01

OR

Q4) a) What is the need for preparing bar bending schedule & what are the content of bar bending schedule table. [2]

b) A R.C.C simply supported beam of side 300mm × 650mm is reinforced with 4,20 mm ϕ bars. The main bottom bar are placed in one row of which two are bent up at 45°. Two top anchor bars of 12mm ϕ are provided, and 6mm ϕ stirrup are provided at 150mm c/c. The span of beam is 5.6m and end bearing (both sides) is 30 cm. calculate total quantity of steel reinforcement. [6]

Q5) Workout unit rate of the R.C.C work in CCM20 (1:1.5:3). Following rates for material & labour may be assumed. [6]

a) Cement = Rs. 300/bag
b) Sand = Rs. 1750/m^3
c) Aggregate = Rs. 800/m^3
d) Steel = Rs. 68,000/MT
e) Head mason = Rs. 950/day
f) Mason = Rs. 700/day
g) Maz door = Rs. 500/day
h) Men & Women = Rs. 350/day

OR

Q6) What is the necessity of drafting specification for Civil engineering work. Explain briefly [6]

a) General specification.
b) Detailed specification.

Q7) a) Why do depreciation occur in the valuation of property? What are the different methods of calculating depreciation. Explain any one method of calculating depreciation stating formula used, merits & demerits. [6]

b) What are the factors which effect value of a property? Explain [6]
i) Salvage value
ii) Book value
iii) Fair market value

c) Explain concept of free hold & lease hold property. What are the reasons under which the property is leased & what are the liabilities of lessor & lesee? [6]

OR

Q8) a) The depreciated replacement value of building has to be found out with the following data
i) Total builtup area = 500m^2
ii) Age of building = 25 years
iii) Life of building = 90 years
iv) Scrap value after useful life = 10%
v) Per centage for sinking fund = 5%
Assume rate of construction as Rs. 2000/sq-m [6]

b) Explain in brief: [6]

i) Sinking fund

ii) Year's purchase

iii) Different form of lease & explaining anyone

c) Under what condition belting method of valuation is used explain in detail the procedure for finding the value of property by belting method. [6]

Q9) a) What are the approvals required to be obtained for executing any PWD work & explain the sequential process in such case. [4]

b) How are PWD works classified based on the cost of work, nature of work. [6]

c) Explain [6]

i) Retention Money ii) Interim Payment &

iii) Secured advance

OR

Q10) a) What is meant by a "Tender"? State various method of inviting tenders & explain any one method. [6]

b) What is meant by qualification of contractor & what are the types of qualification considered in tending process, explain each type of qualification. [6]

c) Explain any two types of tenders & their suitability. [4]

Q11) a) Describe Lump sum contract with respect to following : [8]

i) Nature of agreement ii) Mode of payment

iii) Suitability iv) Advantages

b) Explain briefly the following : [8]

i) Null or void contract ii) Liquidated damages

iii) Security deposit iv) Cost plus contract

OR

Q12) a) What are the different types of arbitration, explain any one type of arbitration. [6]

b) Can a contract be terminated & what are the different methods of termination of contract & explain any one method. [6]

c) What are the powers & duties of arbitrator? [4]

▽▽▽▽

BE Civil QSCT

[illegible] Semesters examination June 2022

[illegible] Quantity Surveying Contracts & Tenders

(2015 pattern)

[illegible] & scheme of marking

Q.No 1 a) Enlisting types of approximate estimates — (01) mark

Explaining [illegible] area method with examples — (01) mark

b) Need for including suitable amount for contingency & work charge establishment — (02) marks

Contingency at 3–5% & work charge establishment at 2–2.5% — (01) mark

OR

Q.No 2 a) Brief description of DSR or SSR — (01) mark

Use of DSR or SSR for Civil Engg work — (01) mark

b) Plinth area of building = 3(7.50 × 3.0) = 67.50 m² — (01) mark

Cost of building = 6750 × 3000 = Rs 20,250000=00

Cost of water supply & sanitary @ 10% = 2025000=00

Cost of Electrical Connection @ 7% = 14,17,500=00

Cost of Paving Road & lawn @ 5% = 1,01,250=00

Cost of Architectural finishes @ 3% = 6,07,500=00 — (02) mark

Rs 25,31,250=00

Cost per Cu-m = Rs 3750/- — (01) mark

Q.No 3 CC M20 for column footing

1. 1.2 × 1.2 × 0.10 = 0.144 m³
2. 0.30 × 0.30 × 0.23 = 0.186 m³

— (02) marks

3. Trapezoidal portion = $\frac{3200 \times 3}{6}\left[(0.9)^2 + (0.60)^2 + 4\left[\frac{0.9+0.6}{2}\right]^2\right]$

= 0.13 m³

Total volume of CC in footing for 8 Column = 8(0.144 + 0.186 + 0.13)

= 3.68 m³ — (02) mark

4. CC M20 for Column = no of Column × vol of column (each)

= 8 × 0.30 × 0.30 × (0.6 + 0.9 + 3.2) = 3.384 m³

Note :-

* As Fig. is not clear, vertical diamensions are not clear, Considered any $\left(\frac{1}{3}\right)$ value, of 0.2/0.1 0.23 or 0.20. Not stick up with same value answer of all student. Just need to check prodedure & calculation — (02) marks

PTO

Steel required as a percentage of volume of column

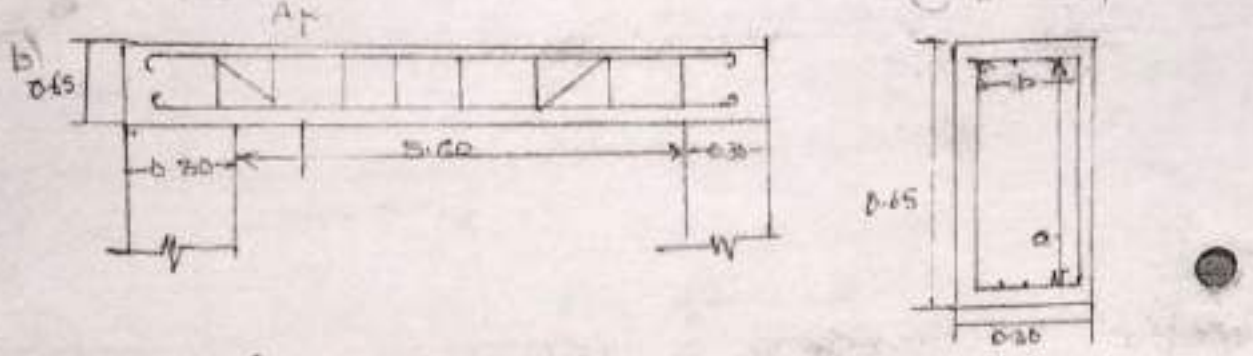
(i) for rectangle 1% of Concrete volume = $\frac{1}{100} \times 3.68 \times 785 = 2.99$kl

(ii) R.C. column @ 2% of Concrete volume = $\frac{2}{100} \times 3.38 \times 785 = 5.30$kl

Total steel requirement = 8.29kl — (02) marks

OR

(NO4a) Need for preparing bar bending Schedule & Content of bar bending Schedule — (01) mark each



All Dimension in mtrs

Total length of beam L = 5.6 + 2 × 0.15 = 6.2m

1) Length of bent bottom straight bar = 6.2 + (2 × 9 × 0.020) − 2 × 0.025
= 6.51m — (01) mark

2) Length of bent up bar
= 6.20 − 2 × 0.025 − 2 × 0.006
= 6.20 − 2 × 0.025 + 18 × 0.02 + 0.9 × 0.60 = 7.35m — (02) marks

3) 2 top anchor bars (2no of 20mm ϕ)
= 6.20 + 2 × 9 × 0.020 − 2 × 0.025 = 6.51m — (01) mark

4) Stirrup 6mm ϕ @ 15cm c/c
a = 0.3 − 2 × 0.025 − 2 × 0.006 = 0.238m
b = 0.38 − 2 × 0.025 − 2 × 0.006 = 0.338m
Total length of stirrup = 2(a + b) + 0.15
= 2(0.238 + 0.338) + 0.15 = 1.70m — (02) marks

Number of stirrup = $\frac{6.15}{0.15}$ = 41NO

4 Nos Assume 1cm

Quantity of Cement = $\frac{8.2}{1+1.5+3}$ = 2.76 m³ = 91 bags

Quantity of Sand = 2.76 × 1.5 = 4.14 m³

Quantity of aggregate = 2.76 × 3 = 8.28 m³ 8.28

Quantity of steel = 2% of Concrete volume

= $\frac{2}{100}$ × 10 = 0.2 m³

= 0.2 × 785 = 157 kg

01 mark

Description	Quantity	Rate	Amount
A) Cement	91 bag	350/bag	23,330/-
Sand	4.14 m³	1750/m³	7245/-
Aggregate (broken stone 40mm	8.28 m³	800/m³	6,624/-
Steel	157 kg	68,000/ton	1,06,760/-
Binding wire	LS	1000/kg	1050/-
B) Labour			
Head Mason	1 No	950/day	475/-
Mason	3 No	700/day	2100/-
Bandsman	25 No	500/day	11,500/-
Blacksmith	15 No	600/day	9000/-
Sundries T&P	LS	1000/-	1000/-
Carpenter	10 No	600/day	6000/-
Mazdoor	10 No	500/day	5000/-
Mail Pkr, T&P etc	LS	1000=00	1000
			186,104/-
Add 1% of total for watering charg			1,861/-
Add 10% Contractor profit			18,610/-
			Rs 2,06,575=00

Cement rate may taken as 350 Rs/bag or 300 Rs/bag (given in question paper

02 mark

* Important should be given to following procedure of Rate analysis rather than value.

02 mark

01 mark

Rate per Cum of RCC = Rs 20,657=50

OR

6 Nov 06 Necessity of drafting specification & its legal implication 03 marks

Explaining General & detailed specifications (01+02 marks)

NO7 a) Depreciation ... of property, reasons & its Effect on value — (02) marks

Stating different methods of calculating depreciation — (05) marks

Explaining any one method — (02) marks

b) Factors affecting value of property (stating only — (05) marks

Explaining — ... value, book value, fair market value — (04) marks

c) Concept of free ... of lease hold property, Reason — (05) marks

Need & Conditions on which a property is based — (02) mark

Liability of lessor & lessee — (02) mark

OR

NO8 a) Construction cost = 500 × 2000 = 10,00,000/-

Scrap value 10% of Cost of Construction (01) mark

= 0.10 × 10,00,000 = 1,00,000/-

Total amount of sinking fund = 10,00,000 − 1,00,000

= 9,00,000/- — (02) mark

Annual sinking fund for replacement of Rs 9,00,000 in 25 years

$$I = \frac{Si}{(1+i)^n - 1} = \frac{9,00,000 \times 0.05}{(1+0.05)^{25} - 1} = 18,857/-$$ — (02) mark

∴ Depreciated Replacement value = Rs 18,857/-

(b) (02) marks for each

(C) Condition of under which testing method of valuation is employed & explanation with example below methods of valuation — (02+04) mark

Q11. b] iv Read as Cost plus percentage instead of Cost plus contract.

Subject :- Digital Circuits

Unit II Combinational Logic Design.

Syllabus

Defination of combinational logic, canonical forms, Standard representations for logic functions, k-map representation of logic functions (SOP and POS forms), minimization of logical functions for min terms and max-terms (upto 4 variables), don't care conditions, Design Examples, Arithmetic Circuits, BCD to 7-segment decoder, Code converter, Introduction to Quine-Mccluskey method, Quine Mccluskey using don't care terms, Reduced prime implecants Tables.

Defination of combinational logic.

A combinational logic is a type of digital logic which is implemented by Boolean circuits, where the output is a pure function of present input.

Standard representations for logic functions

Boolean expressions or Boolean function

eg.

$$f(A,B,C) = (A+\overline{B})C$$

$$f(A,B,C,D) = A + \overline{B}C + AC\overline{D}$$

Product terms

$$F(A,B,C,D) = A + \overline{B}C + AC\overline{D}$$

Literals

Sum terms

$$F(A,B,C,D) = (B+\overline{D}).(A+\overline{B}+C).(\overline{A}+C)$$

Literals

Two forms.

1) SOP form (Sum of product form)
2) POS form (Product of Sum form)

Sum of Product form

eg.

1. $f(A,B,C) = ABC + A\overline{B}\overline{C}$

Sum

Product terms

2. $f(P,Q,R,S) = \overline{P}Q + QR + RS$

Sum

Product terms.

Product of Sum form

1. $f(A,B,C) = (A+B) \cdot (\overline{B}+C)$

Product

Sum terms.

2. $f(P,Q,R,S) = (P+Q) \cdot (R+\overline{S}) \cdot (P+S)$

Product

Sum terms.

Canonical forms (Standard form)

Steps to Convert sop to Canonical sop form.

Step1 : Find the missing literal in each product term if any.

step2 : AND each product term having missing literals with terms form by ORing the literal and it's complement.

Step3: Expand the terms by applying distributive law and reorder the literals in the product terms.

Step 4: Reduce the expression by omitting repeated product terms if any. Because $A+A=A$.

1) Convert the given expression in canonical Sop form.

$f(A,B,C) = AC + AB + BC$.

Step I Find the missing literals in each product terms

$f(A,B,C) = AC + AB + BC$

→ Literal A is missing
→ Literal C is missing
→ Literal B is missing

Step II AND product term with C missing literal + its (complement)

Step III Expand the terms and reorder literals.

$f(A,B,C) = AC(B+\bar{B}) + AB(C+\bar{C}) + BC(A+\bar{A})$

$= \underline{ABC} + A\bar{B}C + \underline{ABC} + AB\bar{C}$

$+ \underline{ABC} + \bar{A}BC$ (omit repeated product terms)

$= ABC + A\bar{B}C + AB\bar{C} + \bar{A}BC$

2) Convert the given expression in canonical Sop form.

$f(A,B,C) = A + ABC$.

$f(A,B,C) = A + ABC$

→ Literals B and C are missing.

$= A(B+\bar{B})(C+\bar{C}) + ABC$.

$\therefore f(A,B,C) = ABC + A\bar{B}C + AB\bar{C} + A\bar{B}\bar{C} + ABC$

H.W obtain the canonical sum of product form of.

i) $f = \bar{A}BC + \bar{B}\bar{C}(A+D)$ ii) $f = A(C+\bar{D}) + B\bar{C}$

iii) $f(x,y,z) = (xy+\bar{z})(y+x\bar{z})$

iv) $(AB+C)(B+\bar{C}D)$ v) $F_1 = AB + \bar{C}D + A\bar{B}C$

Steps to convert Pos to Canonical Pos form.

Step 1 : Find the missing literals in each Sum term if any.

Step 2 : OR each Sum term having missing literal with terms form by ANDing the literal and its complement.

Step 3 : Expand the terms by applying distributive law and reorder the literals in the Sum terms.

1) Convert the given expression in Canonical Pos form

$f(A,B,C) = (A+B)(B+C)(A+C)$

Step 1 : Find the missing literals in each sum term

$f(A,B,C) = (A+B)\ (B+C)\ (A+C)$

- $(B+C)$ → Literal B is missing
- $(A+C)$ → Literal A is missing
- $(A+B)$ → Literal C is missing.

Step 2 : OR Sum term with (missing literal . it's Complement

$$f(A,B,C) = (A+B)+(C\bar{C}) \cdot (B+C)+(A\cdot\bar{A}) \cdot (A+C)+(B\cdot\bar{B})$$

Step 3 : Expand the terms and reorder literals

Expand

Since $A+BC = (A+B)(A+C)$ we have,

$$f(A,B,C) = (A+B+C)(A+B+\bar{C}) \cdot (B+C+A)(B+C+\bar{A}) (A+C+B)(A+C+\bar{B})$$

$f(A,B,C) = (A+B+C)(A+B+\bar{C})(A+B+C)(\bar{A}+B+C)$
$(A+B+C)(A+\bar{B}+C)$

Step 4 Omit repeated sum terms.

$f(A,B,C) = (A+B+C)(A+B+\bar{C})(\bar{A}+B+C)$
$(A+\bar{B}+C)$

2) Convert the given expression in canonical form

$Y = A.(A+B+C)$

$Y = A.(A+B+C)$
Literal B and C is missing

$Y = (A+B\bar{B}+C\bar{C})(A+B+C)$

Since $A+BC = (A+B)(A+C)$

$Y = (A+B\bar{B}+C)(A+B\bar{B}+\bar{C})(A+B+C)$

$= (A+B+C)(A+\bar{B}+C)(A+B+\bar{C})(A+\bar{B}+\bar{C})$
$(A+B+C)$

$Y = (A+B+C)(A+\bar{B}+C)(A+B+\bar{C})(A+\bar{B}+\bar{C})$

Convert the given expression in canonical POS form.

H.W 1) $Y = (A+B)(A+C)(B+\bar{C})$

2) $f(P,Q,R) = (P+\bar{Q})(P+R)$

3) $f(A,B,C) = (A+\bar{B})(B+C)(A+\bar{C})$

Minterms and Maxterms

Each individual term in canonical SOP form is called minterm and each individual term in canonical POS form is called maxterm.

Variables			Minterms	Maxterms
A	B	C	m_i	
0	0	0	$\bar{A}\bar{B}\bar{C} = m_0$	$A+B+C = M_0$
0	0	1	$\bar{A}\bar{B}C = m_1$	$A+B+\bar{C} = M_1$
0	1	0	$\bar{A}B\bar{C} = m_2$	$A+\bar{B}+C = M_2$
0	1	1	$\bar{A}BC = m_3$	$A+\bar{B}+\bar{C} = M_3$
1	0	0	$A\bar{B}\bar{C} = m_4$	$\bar{A}+B+C = M_4$
1	0	1	$A\bar{B}C = m_5$	$\bar{A}+B+\bar{C} = M_5$
1	1	0	$AB\bar{C} = m_6$	$\bar{A}+\bar{B}+C = M_6$
1	1	1	$ABC = m_7$	$\bar{A}+\bar{B}+\bar{C} = M_7$

1. $f(A,B,C) = \bar{A}\bar{B}\bar{C} + \bar{A}\bar{B}C + \bar{A}BC + AB\bar{C}$
$= m_0 + m_1 + m_3 + m_6$
$= \Sigma m(0,1,3,6)$

2. $f(A,B,C) = (A+B+\bar{C})(A+\bar{B}+\bar{C})(\bar{A}+\bar{B}+C)$
$= M_1 \cdot M_3 \cdot M_6$
$= \Pi M(1,3,6)$

Complements of Canonical Forms

$f(A,B,C) = m_0 + m_1 + m_3 + m_4 + m_6 + m_7 = M_2 + M_5$
$f(A,B,C) = \Sigma m(0,1,3,4,6,7) = \Pi M(2,5)$

Express $F = A + \bar{B}C$ as sum of minterms

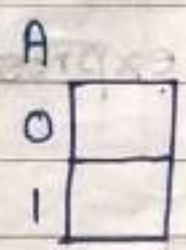
$A + \bar{B}C = A(B+\bar{B})(C+\bar{C}) + (A+\bar{A})\bar{B}C$
$= AB + A\bar{B}(C+\bar{C}) + A\bar{B}C + \bar{A}\bar{B}C$
$= ABC + A\bar{B}\bar{C} + AB\bar{C} + A\bar{B}\bar{C} + A\bar{B}C + \bar{A}\bar{B}C$
$= ABC + A\bar{B}C + AB\bar{C} + A\bar{B}\bar{C} + \bar{A}\bar{B}C$

$F = \Sigma m(1,4,5,6,7)$

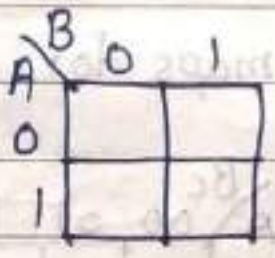
Express the Boolean function $F = xy + \bar{x}z$ in product of maxterm

$$F = xy + \bar{x}z$$
$$= xy(z+\bar{z}) + \bar{x}z(y+\bar{y})$$
$$= xyz + xy\bar{z} + \bar{x}yz + \bar{x}\bar{y}z$$
$$F = \Sigma m(7,6,3,1)$$
$$= \Pi M(0,2,4,5)$$
$$= (x+y+z)(x+\bar{y}+z)(\bar{x}+y+z)(\bar{x}+y+\bar{z})$$

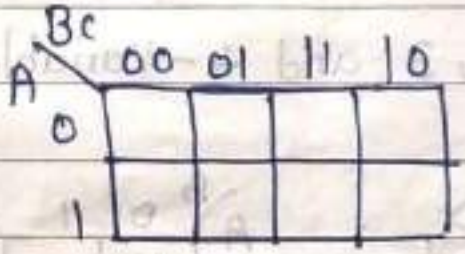
k-map Representation of Logic functions



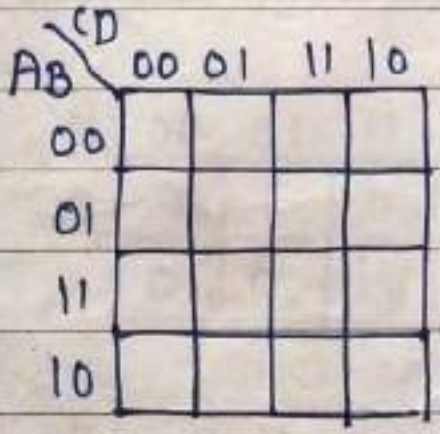
1 - Variable map
(2 cells)



2-variable
(4 cells)



3-variable map
(8 cells)



4-variable
(16 cells)

1, 2, 3, variable map with product terms

	$\bar{A}$	A
$\bar{A}$	$\bar{A}$	
A		A

A \ B	$\bar{B}$	B
$\bar{A}$	$\bar{A}\bar{B}$	$\bar{A}B$
A	$A\bar{B}$	AB

A \ BC	$\bar{B}\bar{C}$	$\bar{B}C$	BC	$B\bar{C}$
$\bar{A}$	$\bar{A}\bar{B}\bar{C}$	$\bar{A}\bar{B}C$	$\bar{A}BC$	$\bar{A}B\bar{C}$
A	$A\bar{B}\bar{C}$	$A\bar{B}C$	ABC	$AB\bar{C}$

AB \ CD	$\bar{C}\bar{D}$	$\bar{C}D$	CD	$C\bar{D}$
$\bar{A}\bar{B}$	$\bar{A}\bar{B}\bar{C}\bar{D}$	$\bar{A}\bar{B}\bar{C}D$	$\bar{A}\bar{B}CD$	$\bar{A}\bar{B}C\bar{D}$
$\bar{A}B$	$\bar{A}B\bar{C}\bar{D}$	$\bar{A}B\bar{C}D$	$\bar{A}BCD$	$\bar{A}BC\bar{D}$
AB	$AB\bar{C}\bar{D}$	$AB\bar{C}D$	$ABCD$	$ABC\bar{D}$
$A\bar{B}$	$A\bar{B}\bar{C}\bar{D}$	$A\bar{B}\bar{C}D$	$A\bar{B}CD$	$A\bar{B}C\bar{D}$

1, 2, 3 and 4-Variable maps for SOP expressions.

A \	0
0	m_0
1	m_1

A \ B	0	1
0	m_0	m_1
1	m_2	m_3

A \ BC	00	01	11	10
0	m_0	m_1	m_3	m_2
1	m_4	m_5	m_7	m_6

1-Variable map 2-Variable 3-Variable

AB \ CD	00	01	11	10
00	m_0	m_1	m_3	m_2
01	m_4	m_5	m_7	m_6
11	m_{12}	m_{13}	m_{15}	m_{14}
10	m_8	m_9	m_{11}	m_{10}

4-Variable.

1, 2, 3 and 4-Variable maps with Sum terms (POS)

	A	$\bar{A}$
A	A	
$\bar{A}$		$\bar{A}$

A \ B	B	$\bar{B}$
A	$A+B$	$A+\bar{B}$
$\bar{A}$	$\bar{A}+B$	$\bar{A}+\bar{B}$

A \ BC	$B+C$	$B+\bar{C}$	$\bar{B}+\bar{C}$	$\bar{B}+C$
A	$A+B+C$	$A+B+\bar{C}$	$A+\bar{B}+\bar{C}$	$A+\bar{B}+C$
$\bar{A}$	$\bar{A}+B+C$	$\bar{A}+B+\bar{C}$	$\bar{A}+\bar{B}+\bar{C}$	$\bar{A}+\bar{B}+C$

1-Variable 2-Variable

	$C+D$	$C+\bar{D}$	$\bar{C}+\bar{D}$	$\bar{C}+D$
$A+B$	$A+B+C+D$	$A+B+C+\bar{D}$	$A+B+\bar{C}+\bar{D}$	$A+B+\bar{C}+D$
$A+\bar{B}$	$A+\bar{B}+C+D$	$A+\bar{B}+C+\bar{D}$	$A+\bar{B}+\bar{C}+\bar{D}$	$A+\bar{B}+\bar{C}+D$
$\bar{A}+\bar{B}$	$\bar{A}+\bar{B}+C+D$	$\bar{A}+\bar{B}+C+\bar{D}$	$\bar{A}+\bar{B}+\bar{C}+\bar{D}$	$\bar{A}+\bar{B}+\bar{C}+D$
$\bar{A}+B$	$\bar{A}+B+C+D$	$\bar{A}+B+C+\bar{D}$	$\bar{A}+B+\bar{C}+\bar{D}$	$\bar{A}+B+\bar{C}+D$

1, 2, 3 and 4- Variable map for POS expression.

	0
0	M_0
1	M_1

1-variable

A \ B	0	1
0	M_0	M_1
1	M_2	M_3

2-variable

A \ BC	00	01	11	10
0	M_0	M_1	M_3	M_2
1	M_4	M_5	M_7	M_6

3-variable map

Representation of Truth table on Karnaugh map

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

A \ B	0	1
0	0	1
1	1	0

A \ B	$\bar{B}$	B
$\bar{A}$	0	1
A	1	0

Plot Boolean expression $Y = AB\bar{C} + ABC + \bar{A}\bar{B}C$ on the karnaugh map.

The expression has 3 variables.

$\therefore 2^3 = 8$ cells.

A \ BC	00	01	11	10
0	0_0	1_1	0_3	0_2
1	0_4	0_5	1_7	1_6

Plot Boolean expression.

$Y = \bar{A}B\bar{C}\bar{D} + A\bar{B}C\bar{D} + A\bar{B}CD + AB\bar{C}D$ on the karnaugh map.

The expression has 4 variables

$\therefore 2^4 = 16$ cells.

AB \ CD	00	01	11	10
00	0_0	0_1	0_3	0_2
01	1_4	0_5	0_7	0_6
11	0_{12}	1_{13}	0_{15}	0_{14}
10	0_8	0_9	1_{11}	1_{10}

$\bar{A}B\bar{C}\bar{D} = 0100 = 4$

$A\bar{B}C\bar{D} = 1010 = 10$

$A\bar{B}CD = 1011 = 11$

$AB\bar{C}D = 1101 = 13$

Plot Boolean expression

$Y = (A+\overline{B}+C)(A+\overline{B}+\overline{C})(\overline{A}+\overline{B}+C)(A+B+\overline{C})$

on the karnaugh map.

3 variables.

$2^3 = 8$ cells.

$A+\overline{B}+C = 010 = M_2$, $A+\overline{B}+\overline{C} = 011 = M_3$

$\overline{A}+\overline{B}+C = 110 = M_6$, $A+B+\overline{C} = M_1 (001)$

A \ BC	00	01	11	10
0	0	0_1	0_3	0_2
1	4	5	7	0_6

Plot Boolean expression

$Y = (A+B+C+\overline{D})(A+\overline{B}+\overline{C}+D)(A+B+\overline{C}+\overline{D})$
$(\overline{A}+\overline{B}+C+\overline{D})(\overline{A}+\overline{B}+\overline{C}+D)$

4- variables

$\therefore 2^4 = 16$ cells.

$A+B+C+\overline{D} = 0001 = M_1$, $A+\overline{B}+\overline{C}+D = 0110 = M_6$

$A+B+\overline{C}+\overline{D} = 0011 = M_3$

$\overline{A}+\overline{B}+C+\overline{D} = 1101 = M_{13}$

$\overline{A}+\overline{B}+\overline{C}+D = 1110 = M_{14}$

AB \ CD	00	01	11	10
00	0	0_1	0_3	2
01	4	5	7	0_6
11	12	0_{13}	15	0_{14}
10	8	9	11	10

Grouping cell for simplification.

Grouping two Adjacent ones (cells) (pairs)

e.g. $Y = \bar{A}\bar{B}C + \bar{A}BC$

$= \bar{A}C(\bar{B}+B)$

$= \bar{A}C(1)$ $\quad \because \bar{B}+B=1$

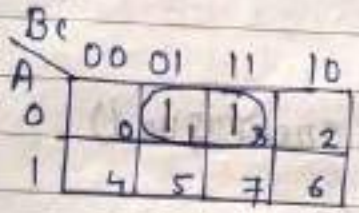
$\therefore Y = \bar{A}C.$

By using k-map technique

$Y = \bar{A}\bar{B}C + \bar{A}BC$

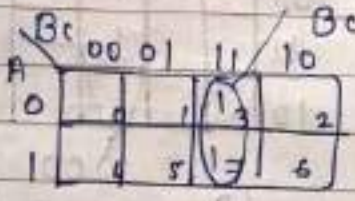
$\bar{A}\bar{B}C = 001 = m_1$

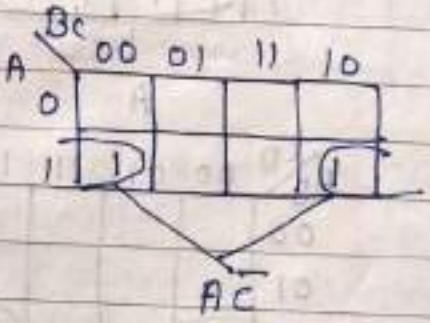
$\bar{A}BC = 011 = m_3$



$Y = \bar{A}C$

e.g.





e.g. $Y = \bar{A}\bar{B}\bar{C}D + A\bar{B}\bar{C}D.$

$= \bar{B}\bar{C}D(\bar{A}+A)$

But $(\bar{A}+A)=1$

$\therefore Y = \bar{B}\bar{C}D$

kmap.

$\bar{A}\bar{B}\bar{C}D = 0001 = m_1$

$A\bar{B}\bar{C}D = 1001 = m_9$

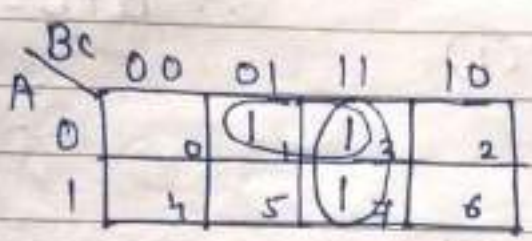
$\therefore Y = \bar{B}\bar{C}D$

$Y = \bar{A}\bar{B}C + \bar{A}BC + AB\bar{C}$

$= \bar{A}\bar{B}C + \bar{A}BC + \bar{A}B\bar{C} + ABC \quad [A+A=A]$

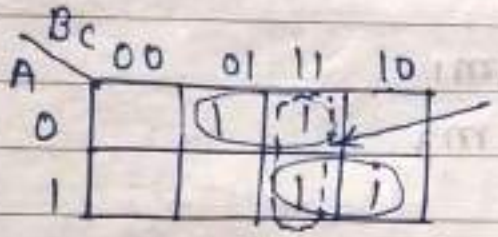
$= \bar{A}C(\bar{B}+B) + BC(\bar{A}+A)$

$= \bar{A}C + BC$

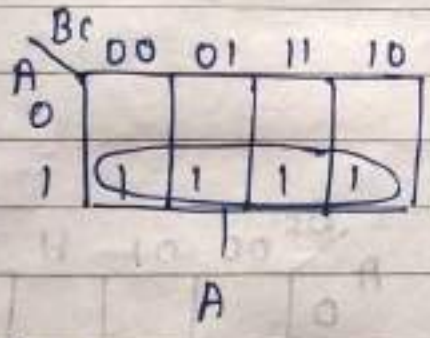


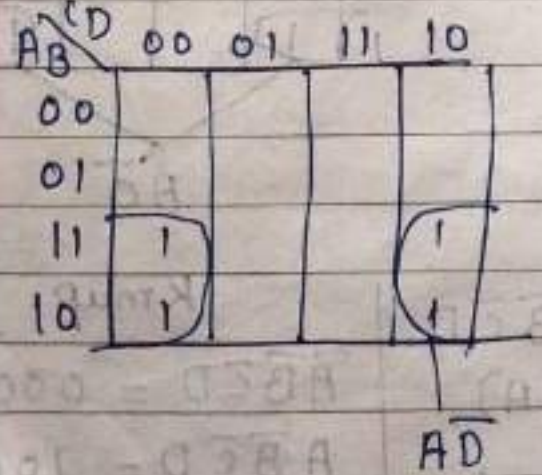
$Y = \bar{A}C + BC.$

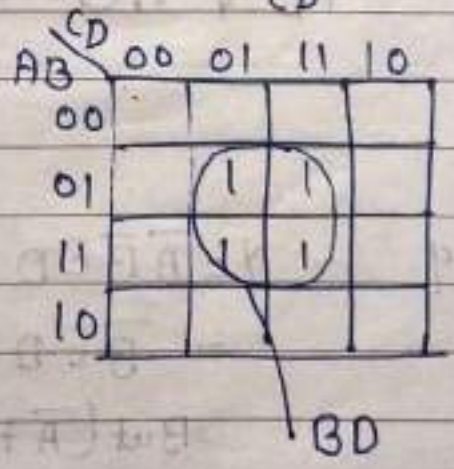
e.g.



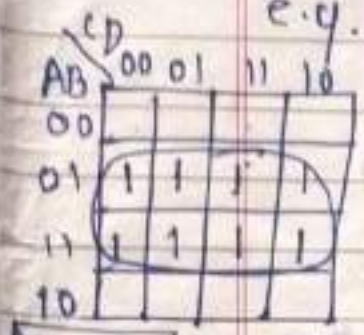
Grouping Four Adjacent ones (Quad)







Grouping Eight Adjacent Ones (Octet)



$Y = B$.

e.g. $Y = \bar{A}B\bar{C}\bar{D} + \bar{A}B\bar{C}D + \bar{A}BCD + \bar{A}BC\bar{D}$
$+ AB\bar{C}\bar{D} + AB\bar{C}D + ABCD + ABC\bar{D}$
$= \bar{A}B\bar{C}(\bar{D}+D) + \bar{A}BC(D+\bar{D}) + AB\bar{C}(\bar{D}+D)$
$+ ABC(D+\bar{D})$
$= \bar{A}B\bar{C} + \bar{A}BC + AB\bar{C} + ABC = \bar{A}B(\bar{C}+C) + AB(\bar{C}+C)$
$= \bar{A}B + AB$
$B(\bar{A}+A) = B$

Minimization of Logical Functions for Min-Terms (SOP Expressions)

Procedure to simplify SOP Boolean expressions

1. Plot the k-map and place 1s in those cells corresponding to the 1s in the truth table or sum of product expression. Place 0s in other cells.
2. Check the k-map for adjacent 1s and encircle those 1s which are not adjacent to any other 1s. These are called isolated 1s.
3. Check for those 1s which are adjacent to only one other 1 and encircle such pairs.
4. Check for quads and octets of adjacent 1s even if it contains some 1s that have already been encircled. While doing this make sure that there are minimum number of groups.
5. Combine any pairs necessary to include any 1s that have not yet been grouped.
6. Form the simplified expression by summing product terms of all the groups.

Minimize the expression

$$Y = A\bar{B}C + \bar{A}\bar{B}C + \bar{A}BC + A\bar{B}\bar{C} + \bar{A}\bar{B}\bar{C}$$

3-variables

$\therefore 2^3 = 8$ cells

$A\bar{B}C = 101 = m_5$

$\bar{A}\bar{B}C = 001 = m_1$

$\bar{A}BC = 011 = m_3$

$A\bar{B}\bar{C} = 100 = m_4$

$\bar{A}\bar{B}\bar{C} = 000 = m_0$

A \ BC	00	01	11	10
0	1 (0)	1 (1)	1 (3)	2
1	1 (4)	1 (5)	7	6

$$Y = \bar{A}C + \bar{B}$$

Reduce the following function to its minimum sop form.

$$Y = \bar{A}\bar{B}\bar{C}D + \bar{A}B\bar{C}D + \bar{A}BCD + \bar{A}BC\bar{D} + AB\bar{C}\bar{D} + AB\bar{C}D + ABCD + A\bar{B}CD$$

$\bar{A}\bar{B}\bar{C}D = 0001 = m_1$

$\bar{A}B\bar{C}D = 0101 = m_5$

$\bar{A}BCD = 0111 = m_7$

$\bar{A}BC\bar{D} = 0110 = m_6$

$AB\bar{C}\bar{D} = 1100 = m_{12}$

$AB\bar{C}D = 1101 = m_{13}$

$ABCD = 1111 = m_{15}$

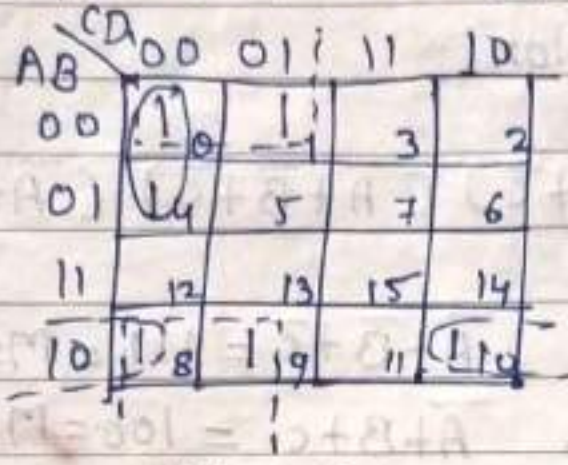
$A\bar{B}CD = 1011 = m_{11}$

AB \ CD	00	01	11	10
00	0	1 (1)	3	2
01	4	1 (5)	1 (7)	1 (6)
11	1 (12)	1 (13)	1 (15)	14
10	8	9	1 (11)	10

$$Y = \bar{A}\bar{C}D + \bar{A}BC + AB\bar{C} + ACD$$

Reduce following function using k-map technique.

$f(A,B,C,D) = \Sigma m(0,1,4,8,9,10)$.



$Y = \bar{B}\bar{C} + \bar{A}C\bar{D} + A\bar{B}\bar{D}$

H.W Simplify following logical expression using k-map

1) $Y = \bar{A}\bar{B}\bar{C} + \bar{A}B\bar{C} + A\bar{B}\bar{C} + \bar{A}\bar{B}C + AB\bar{C}$

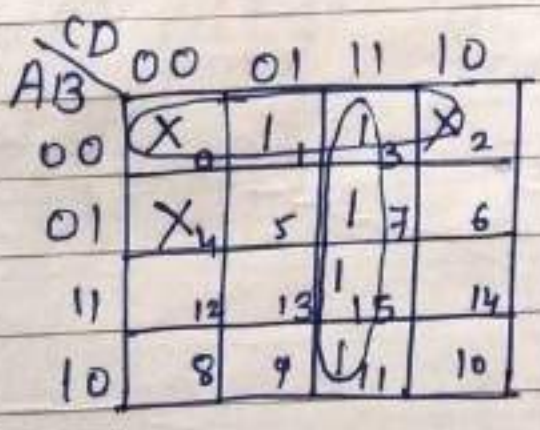
2) $f_1(A,B,C,D) = \Sigma m(0,3,5,6,9,10,12,15)$

3) $f_3(A,B,C,D) = \Sigma m(0,1,2,3,11,12,14,15)$

Don't care Terms

Find the reduced sop form of the following function.

$f(A,B,C,D) = \Sigma m(1,3,7,11,15) + \Sigma d(0,2,4)$



$Y = CD + \bar{A}\bar{B}$

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DEPARTMENT OF E & TC ENGINEERING

Academic Year (2021-22)Sem-I

Question Bank

Subject:-Digital Circuits **SE (E&TC)**

Unit I (Digital Logic Families)

1.Give classification of digital logic families.

2.Draw neat circuit diagram &explain the working of two input TTL NAND gates.

3.Draw and explain totem pole output in TTL.

4.Explain the advantages of totem-pole output in TTL.

5. Explain difference between current sourcing and current sinking in TTL logic.

6. Draw and explain tristate TTL inverter.

7. State the characteristics of digital IC's (TTL).

8.State the advantages and disadvantages of TTL family.

9. Write a short note on unused inputs.

10. Explain with neat diagram,two input CMOS NAND gate.

11.Explain with neat diagram two input CMOS NOR gate.

12. State merits and demerits of CMOS logic family.

13.Compare TTL and CMOS logic family with reference to the following characteristics.

i) Fanout ii) Propagation delay iii) Power dissipation iv) Noise margin v) Speed power product vi) Voltage and current parameter

14. Write note on data sheet specific.

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DEPARTMENT OF E & TC ENGINEERING

Academic Year (2021-22)Sem-I

Question Bank

Subject:-Digital CircuitsSE (E&TC)

Unit II (Combinational Logic Design)

Q.1 Design full adder using logic gates.

Q.2 Implement full adder using two half adder,

Q.3 Write a short note on look ahead carry generator.

Q.4 Design 4 bit BCD adder using binary adder ICs.

Q.5 Design a 4-bit binary to BCD converter.

Q.6 Design 3-bit binary to gray code converter.

Q.7 Design and implement a 8421 to Gray code converter. Realize the converter using only NAND gates.

Q.8 Design a Gray to BCD code converter.

Q.9 Design 4 bit excess-3 to BCD code converter and implement using logic gates.

Q.10 Design a logic circuit to convert gray code to binary code.

Q.11 Simplify the following Boolean function by using Quine-McCluskey method.

$F(A,B,C,D)=\sum m(2,4,5,9,12.13)$

Q.12 Minimize the function using K-map and implement using only NAND gates.

$F(A,,C,D)=\sum m(4,5,6,7,8,12)+d(1,2,3,9,11,14)$

Q.13 Reduce the following function to its minimum sum of product form:

$Y=\bar{A}\bar{B}\bar{C}\bar{D}+\bar{A}\bar{B}CD+A\bar{B}\bar{C}\bar{D}+A\bar{B}CD+\bar{A}BCD+\bar{A}BC\bar{D}+ABCD+ABC\bar{D}$

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DEPARTMENT OF E & TC ENGINEERING

Academic Year (2021-22) Sem-I

Question Bank

Subject:-Digital Circuits **SE (E&TC)**

Unit III(Combinational Circuits)

1.Design a combination logic circuit with three input variables that will produce logic 1 output when more than one input variable are logic 1.

2. Design 2-bit comparator using gates.

3.Design 3-bit parity generator for even parity bit.

4. Define multiplexer .Draw and explain the working of any one type of multiplexer and realize it using basic gates.

5. Implement the following function using single 8:1 MUX.

$F(A, B, C, D) = \sum m(1, 4, 6, 8, 10, 11, 13, 14)$

6. Implement full adder using IC 74153.

7. Implement the following expression using two 8:1 MUX.

$F(A,B,C,D) = \sum m(2,4,6,7,9,10,11,12,15)$

8. Implement the following expression using single 8:1 multiplexer:

$Y = \sum m(0,1,2,5,7,8,9, 14, 15)$

9. Implement the following function using single 4:1 MUX.

$F(A, B, C, D) = \sum m(2,4,5,7,10,14)$

10. Implement the following functions using single 8:1 MUX:

$F(A, B, C, D) = \pi M(0, 3, 5, 7, 12, 15) + d(2, 9)$

11. Design even parity generator circuit for 4-bit input using multiplexer.

12. What do you mean by multiplexer tree? Explain.

13. Differentiate between multiplexer and demultiplexer.

14. Implement the following functions using demultiplexer

$f1(A,B,C) = \sum m(0,3,7)$

$f2(A,B,C) = \sum m(1,2,5)$

15. Design and implement a full adder circuit using a 3:8 decoder.

16. Implement full subtractor using a decoder (IC 74138) write a truth table.

17. Design a 2 bit magnitude comparator using suitable decoder.

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DEPARTMENT OF E & TC ENGINEERING

Academic Year (2021-22) Sem-I

Question Bank

Subject:-Digital Circuits **SE (E&TC)**

Unit IV (Sequential Circuits)

1. Difference between Combinational and sequential Logic Circuits.
2. Explain operation of 1-bit memory cell.
3. Realize a SR flip –flop using NAND gates and explain its operation.
4. State the advantages of master slave flip –flop.
5. Explain the operation of JK master slave flip- flop with suitable diagrams.
6. Draw and explain the diagram of JK flip- flop using NAND gates.
7. Convert JK flip –flop to D flip- flop
8. Convert JK flip-flop to T flip-flop.
9. Convert SR flip flop into D-flip flop.
10. Convert a T flip flop to an SR flip flop .Draw the circuit.
11. How will you convert a D flip flop into JK flip flop.
12. Convert SR flip flop into JK flip flop.
13. Convert T flip flop into D flip flop.
14. Write a short note on dual D flip flop IC 7474.
15. Write a short note on dual MS J-K Flip flop IC 7476.
16. State the types of shift register and explain any one of them.
17. Draw circuit diagram of 3-bit SIPO shift register using D flip flop. Explain its working.

18. Explain the operation of 4-bit bidirectional shift register with the help of neat diagram.

19. Explain the operation of universal shift register with neat block diagram.

20. Show how to connect IC 7495 to get serial left shift operation ?

21. Compare synchronous and asynchronous counter.

22. Explain the working of an up –down ripple counter.

23 Design 3 bit synchronous counter using Delay flip flop (D FF)

24. Design MOD 8 synchronous counter using T flip flop

25. What is clock skew and clock jittering in synchronous circuits?

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DEPARTMENT OF E & TC ENGINEERING
Academic Year (2020-21)Sem-I

Question Bank

Subject:-Digital Circuits **SE (E&TC)**

Unit V (State Machine)

1. Draw and explain the block diagram of Moore model.

2. What is a Mealy circuit? Give an example.

3. Compare Moore and Mealy circuits.

4. Design a circuit to generate 0-2-5-6-7-3 using T FF

5. Design the sequence generator using JK flip flop

   0-2-4-6-0

6. Explain the state assignment rules.

7. Explain state reduction with suitable example.

8. Design sequence detector for given sequence of 110 with suitable FF using Moore circuit.

9. Design a sequence detect using D FFs to detect the following sequence based on Mealy machine: 1101

10. Design sequence detector to detect 10110

11. Explain the terms related to ASM chart:

i) State box ii) Decision box iii) Condition box

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DEPARTMENT OF E & TC ENGINEERING
Academic Year (2020-21)Sem-I

Question Bank

Subject:-Digital Circuits **SE (E&TC)**

Unit VI Semiconductor Memories

1. Classify memories on the basis of principle of operation.
2. List various semiconductor memories with their characteristics.
3. List the advantages of semiconductor memory.
4. Compare static RAMs and Dynamic RAMs.
5. Explain Characteristics of DRAM.
6. Draw circuits of one cell of static and dynamic RAM and explain its working.
7. Explain in brief PROM.
8. Differentiate between ROM and RAM.
9. Explain how you will expand memory capacity (word size)
10. Explain various types of ROMs and their applications.

Div.	Batch
–	B3

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SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

S.No.237, Dhangwadi, Tal Bhor, Dist Pune.

GUARDIAN TEACHER SCHEME

ACADEMIC YEAR 2021 - 2022

SEMESTER I

Name of Staff: Prof. Shweta Satish Sonawane

Department: EnTC Mob. No. 8999138751

Class : SE Batch : B3

SEMESTER II

Name of Staff: Prof Shweta Satish Sonawane

Department: EnTC Mob. No. 8999138751

Class: SE Batch : B3

Sr. No.	Particulars
1	List of Student (Mentee)
2	Student Information (Mentee)
	Semester - I
3	Time Table : Semester I
4	Postal Record : Semester I
5	Phone Call Record : Semester I
6	Student Meeting Record : Semester I
7	Meeting Attendance Record : Semester I
8	Student Councelling Record : Semester I
9	Improvement Status Record : Semester I
10	Subject - Wise Theory Attendance after Four Weeks With Test Marks
11	Subject - Wise Practical Attendance after Four Weeks
12	Subject - Wise Theory Attendance after Eight Weeks With Test Marks
13	Subject - Wise Practical Attendance after Eight Weeks
14	Subject - Wise Theory Attendance after Twelve Weeks with Test Marks
15	Subject - Wise Practical Attendance after Twelve Weeks
16	Subject - Wise Final Theory Attendance
17	Subject - Wise Final Practical Attendance
18	Prelim Results
19	University Results
	Semester - II
20	Time Table : Semester II
21	Postal Record : Semester II
22	Phone Call Record : Semester II
23	Student Meeting Record : Semester II
24	Meeting Attendance Record : Semester II
25	Student Councelling Record : Semester II
26	Improvement Status Record : Semester II
27	Subject - Wise Theory Attendance after Four Weeks With Test Marks
28	Subject - Wise Practical Attendance after Four Weeks
29	Subject - Wise Theory Attendance after Eight Weeks With Test Marks
30	Subject - Wise Practical Attendance after Eight Weeks
31	Subject - Wise Theory Attendance after Twelve Weeks with Test Marks
32	Subject - Wise Practical Attendance after Twelve Weeks
33	Subject - Wise Final Theory Attendance
34	Subject - Wise Final Practical Attendance
35	Prelim Results
36	University Results

List of Students (Mentee)

Roll No.	Name of Students	Remark
SET21D058	Patil Rohit Rajaram	
SET21D059	Konde Satwika Sanjay	
SET21D060	Rajpure Ritvja Chandrakant	
SET21D061	Liman Harshada Pandurang	
SET21D062	Mulla Moin Tajuddin	
SET21D063	Charan Sagar Umesh	
SET21D064	Ghavare Sushant Sunil	
SET21D065	Bhandare Pankaj Sanjay	
SET21D066	Shikalgar Arbaj Niyaj	
SET21D067	Wadghare Sonali Tanaji	
SET21D068	Shinde Siddhi Rajendra	
SET21D069	Algude Pankaj Arjun	
SET21D070	Charan Aditya Dipak	
SET21D071	Nevase Aaditi Sunil	
SET21D072	Palke Rupesh Shrikisan	
SET21D073	Mule Atharva Sunil	
SET21D074	Dhebe Pranita Sunil	
SET21D075	Jadhav Vaibhavi Santosh	
SET21D076	Pawar Swapnita Rajabhau	
SET21D077	Sutar Pradnya Vasant	
SET21D078	Khopade Chaitali Balkrushana	
SET21D079	Naikar Dnyaneshwari Tanaji	
SET21D080	Gadhave Ankita Sambhaji	
SET21D081	Khopade Pournima Sharad	
SET21D082	Renuse Pranali	
SET21D083	Khot Pratiksha	

MENTEE INFORMATION

Roll No. SET21D058 Batch : B3

Name : Patil Rohit Rajaram

Mobile No. : Email Id : patilrohit152018@gmail.com

Correspondence Address : At post-Pimpode Budruk, Taluka-Koregaon, District-Satara 415525

Name of Parent / Guardian : Mr. Rajaram D. Patil

Mobile No. of Parent : 9970895576 Relation with Guardian :

Family Educational Background : Mother - 10th, Father - 5th Sister - Comp Degree Brother - 12th

Occupation of Parent : Blood Group : B+

MENTEE INFORMATION

Roll No. SET21D059 Batch : B3

Name : Konde Satvika Sanjay

Mobile No. : Email Id : satvikaskonde123@gmail.com

Correspondence Address : Shrishtinagar, Bhor - 4112206

Name of Parent / Guardian : Mr. Sanjay S. Konde

Mobile No. of Parent : 9767642679 Relation with Guardian : Father

Family Educational Background : Mother - F.Y.

Occupation of Parent : Teacher (AWC) Blood Group : O+

MENTEE INFORMATION

Roll No. SET21D060 Batch : B3

Name : Rajpure Rutuja Chandrakant

Mobile No. : Email Id : rutujarajpure407@gmail.

Correspondence Address : At/post Bamnoli, Tal. Javali,

Dist Satara - 415514

Name of Parent / Guardian : Chandrakant Rajapure

Mobile No. of Parent : 9731695645 Relation with Guardian :

Family Educational Background : Father - 10th

Occupation of Parent : Service Blood Group : B+

MENTEE INFORMATION

Roll No. SET21D061 Batch : B3

Name : Liman Harshada Pandurang

Mobile No. : ~~9699755622~~ 7887586990 Email Id :

Correspondence Address : At Zaglwadi post - Kaneri Tal - Khanda/s

Dist Satra1

Name of Parent / Guardian : pandurang Liman

Mobile No. of Parent : 7887586990. Relation with Guardian : father

Family Educational Background : Father - 10th.

Occupation of Parent : farmer Blood Group : ot.

MENTEE INFORMATION

Roll No. SET21D062 Batch : B3

Name : Mulla Moin Tajuddin

Mobile No. : 7507054819 Email Id : moinmulla7979@gmail.com

Correspondence Address : A/P Kanheri, Taluka Khandala,

Dist. Satara

Name of Parent / Guardian : Mulla Tajuddin Kondu

Mobile No. of Parent : 8007989187 Relation with Guardian : Father

Family Educational Background : BA. B.ED

Occupation of Parent : Teacher Blood Group : A+

MENTEE INFORMATION

Roll No. SET21D063 Batch : B3

Name : Chavan Sagar Umesh

Mobile No. : 9146000071 Email Id : sagarcharan0071@gmail.

Correspondence Address : At/post - Pimpalgaon, Tal - Daund,

Dist. Pune : 413214

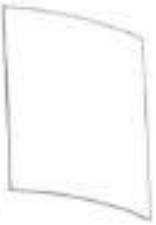
Name of Parent / Guardian : Mr. Umesh S. Charan.

Mobile No. of Parent : 7774851639 Relation with Guardian :

Family Educational Background : Father - 10th

Occupation of Parent : Farmer Blood Group : O+

MENTEE INFORMATION



Roll No. SET21D064 Batch : B3

Name : Ghavare Sushant Sunil

Mobile No. : 9022486904 Email Id :

Correspondence Address :

Name of Parent / Guardian :

Mobile No. of Parent : Relation with Guardian :

Family Educational Background :

Occupation of Parent : Blood Group :

MENTEE INFORMATION

Roll No. SET21D065 Batch : B3

Name : Bhandare Pankaj Sanjay

Mobile No. : 7218643526 Email Id : pankajbhandare2@gmail.com

Correspondence Address : At Varve, Khurd ; Taluka - Bhor ;

Dist. Pune

Name of Parent / Guardian : Sanjay Vitthal bhandare

Mobile No. of Parent : 9764049227 Relation with Guardian : Father

Family Educational Background : —

Occupation of Parent : Job Blood Group : B+

MENTEE INFORMATION

Roll No. SET2100 66 Batch : B3

Name : Shikalgar Arbaj Niyaj

Mobile No. : 8600368362 Email Id : arbajshikalgar123@gmail.com

Correspondence Address : At/post Shirwal, Tal.-Khandala;
Dist - Satara.

Name of Parent / Guardian : Niyaj Shikalgar

Mobile No. of Parent : 8600368362 Relation with Guardian : Father

Family Educational Background : —

Occupation of Parent : Shop owner Blood Group : B+

MENTEE INFORMATION

Roll No. SET2100 67 Batch : B3

Name : Wadghane Sonali Tanaji

Mobile No. : 8379867254 Email Id :

Correspondence Address :

Name of Parent / Guardian :

Mobile No. of Parent : Relation with Guardian :

Family Educational Background :

Occupation of Parent : Blood Group :

MENTEE INFORMATION

Roll No. SET21D068 Batch : B3

Name : Shinde Siddhi Rajendra

Mobile No. : 7798533214 Email Id : siddhishinde319@gmail.co

Correspondence Address : At/post Karanjavane

Name of Parent / Guardian : Rajendra Manohar Shinde

Mobile No. of Parent : 7066260391 Relation with Guardian : Father

Family Educational Background : -

Occupation of Parent : Worker Blood Group : B+

MENTEE INFORMATION

Roll No. SET21D069 Batch : B3

Name : Algude Pankaj Anjun

Mobile No. : 9666936600 Email Id : pankajalgude@gmail.com

Correspondence Address :

Name of Parent / Guardian : Algude Anjun Nivrutti

Mobile No. of Parent : 7775018 5 Relation with Guardian : Father

Family Educational Background : 9th

Occupation of Parent : Farming Blood Group :

MENTEE INFORMATION

Roll No. SET21D070 Batch : B3

Name : Chavan Aditya Dipak

Mobile No. : 9730188891 Email Id : adityachavan816@gmail.com

Correspondence Address : A/p Lonand, Tal. Khandala, Dist. Satara

Name of Parent / Guardian : Dipak Bhimrao Chavan

Mobile No. of Parent : 7875380249 Relation with Guardian : Father

Family Educational Background : -

Occupation of Parent : Gov. Service Blood Group : A+

MENTEE INFORMATION

Roll No. SET21D071 Batch : B3

Name : Nevase Aaditi Mugutrav

Mobile No. : 8010497457 Email Id : aditinevase160@gmail.com

Correspondence Address : At/post Naigaon

Name of Parent / Guardian : Mugutrav Nevase

Mobile No. of Parent : 9527308201 Relation with Guardian : Father

Family Educational Background : -

Occupation of Parent : Farmer Blood Group : B+

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E&TC Engg. Deptt.

MENTEE INFORMATION

Roll No. SET21D072 Batch : B3

Name : Palke Rupesh Shrikisan

Mobile No. : 9021258318 Email Id : palke.850@gmail.com

Correspondence Address : PMC colony No-7, Rajendra Nagar, Navi-Peth, 411030

Name of Parent / Guardian : Kusum Shrikisan Palke

Mobile No. of Parent : 9552552207 Relation with Guardian : Mother

Family Educational Background : Educated

Occupation of Parent : Housewife Blood Group : A+

MENTEE INFORMATION

Roll No. SET21D073 Batch : B3

Name : Muday Atharva Sunil

Mobile No. : 8830712660 Email Id : atharvamuday95@gmail.com

Correspondence Address : Anandnagar, Singhgad Road, Pune

Name of Parent / Guardian : Priti Muday

Mobile No. of Parent : 9579764330 Relation with Guardian : Mother

Family Educational Background : Degree

Occupation of Parent : Service Blood Group : AB+

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MENTEE INFORMATION

Roll No. SET21D074 Batch : B3

Name : Dhebe Pranita Sunil

Mobile No. : 9620615170 Email Id : Pranitadhebe135@gmail.com

Correspondence Address : A/P bardhan, Tal.-Wai Dist-Satara

Pincode - 412803

Name of Parent / Guardian : Sujata Sunil Dhebe

Mobile No. of Parent : 9823013636 Relation with Guardian : Mother

Family Educational Background : 10th pass

Occupation of Parent : Housewife Blood Group : AB+

MENTEE INFORMATION

Regular

Roll No. SET21D075 Batch : B3

Name : Jadhav Vaibhavi Santosh

Mobile No. : 9022102347 Email Id : jvaibhavi971@gmail.com

Correspondence Address : A/P - Pargaon Tal. Khandala

Dist: satara

Name of Parent / Guardian : Jadhav Santosh Dhansingh

Mobile No. of Parent : 9850299460 Relation with Guardian : Father

Family Educational Background : -

Occupation of Parent : Tailor Blood Group : A+

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MENTEE INFORMATION

Roll No. SET21D076 Batch : B3

Name : Pawar Swapnita Rajabhau

Mobile No. : 8975270243 Email Id : swapnitapawar2001@gmail.com

Correspondence Address : A/P - Lohata (East).

Name of Parent / Guardian : Rajabhau Pawar

Mobile No. of Parent : 9011289666 Relation with Guardian : Father

Family Educational Background : —

Occupation of Parent : Farmer Blood Group : A+

MENTEE INFORMATION

Roll No. SET21D077 Batch : B3

Name : Sutar Pradnya Vasant

Mobile No. : 9699011814 Email Id : pradnyasutar@gmail.com

Correspondence Address : Ambegan Bk.

Name of Parent / Guardian : Sutar Vasant Yeshwant

Mobile No. of Parent : 9689746120 Relation with Guardian : father

Family Educational Background : —

Occupation of Parent : farmer Blood Group

MENTEE INFORMATION

Roll No. SET21D078 Batch : B3

Name : Khopade Chaitrali Balkrushana

Mobile No. : 7756883912 Email Id : khopadechaitrali@gmail.com

Correspondence Address : At/post : bhade, Tal Khandala

Dist. satara

Name of Parent / Guardian : Balkrushana Khopade

Mobile No. of Parent : 7038395823 Relation with Guardian : Father

Family Educational Background : —

Occupation of Parent : Farmer Blood Group : O−

MENTEE INFORMATION

Roll No. SET21D079 Regular Batch : B2

Name : Naikar Dnyaneshwari Tanaji

Mobile No. : 7218009843 Email Id : dnyaneshwarinaikar1111@gmail.com

Correspondence Address : At/post Misalwadi Post Ketkawle,

Tal - Purandar - Dist : Pune

Name of Parent / Guardian : Naikar Tanaji Babar

Mobile No. of Parent : 9158780184 Relation with Guardian : Father

Family Educational Background : —

Occupation of Parent : Teacher Blood Group : A+

MENTEE INFORMATION

Roll No. SET21D082 Batch : B3

Name : Renuse Pranali Bapu

Mobile No. : 7083874997 Email Id : renusepranu@gmail.com

Correspondence Address : A/P - Pabe Tal :- Velhe -

Dist: Pune

Name of Parent / Guardian : Renuse Bapu Mahadev

Mobile No. of Parent : 87679 07029 Relation with Guardian : Father

Family Educational Background : 10th

Occupation of Parent : farmer Blood Group :

MENTEE INFORMATION

Roll No. SET21D083 Batch : B3

Name : Khot Pratiksha

Mobile No. : 9657654503 Email Id : pratikshakhot2000@gmail.com

Correspondence Address : A/P Randeriwadi, Tal. - Kagal,

Dist - Kolhapur.

Name of Parent / Guardian : Khot.

Mobile No. of Parent : 7775837236 Relation with Guardian : Mother

Family Educational Background : 7th

Occupation of Parent : Housewife Blood Group : AB+

PHONE CALL RECORD SEMESTER - I

Sr.No.	Roll No.	Name of the Mentee	Date	Time	Call Received By	Phone No.	Points Discussed	Remark
1	58	Patil Rohit R.	25/12/21	4 pm	Mother	9970895576	Performance evaluation	
2	59	Konde Satwika S.	25/12/21	4 pm	Mother	9767642679	—11—	
3	60	Rajapure Rutuja C.	—11—	4pm	Father	9736695645	—11—	
4	61	Liman Harshada P.	—11—	4pm	Father	9699756622	—11—	
5	62	Mulla Moin T.	—11—	4pm	Mother	7507054819	—11—	
6	63	Chavan Sagar V.	—11—	4.15pm	Mother	9146000071	—11—	
7	64	Ghavare Sushant S.	—11—	4.15pm	Father	9022486904	—11—	
8	65	Bhandare Pankaj S.	—11—	4.15pm	Father	7218643526	—11—	
9	66	Shikalgar Arbaj N.	—11—	4.20pm	Father	8600368362	—11—	
10	67	Wadghare Sonali T.	—11—	4.20pm	father	8379867213	—11—	
11	68	Shine Siddhi R.	—11—	4.20pm	Mother	7066260371	—11—	
12	69	Algude Pankaj A.	—11—	4.30pm	Brother	7666936600	—11—	
13	70	Chavan Aditya D.	—11—	4.30pm	Father	7375380249	—11—	
14	71	Nevase Aaditi M.	—11—	4.30pm	Father	8010697457	—11—	
15	72	Palke Rupesh S.	—11—	4.30pm	Mother	9552552207	—11—	
16	73	Mule Atharva S.	—11—	4.45	Mother	8830712660	—11—	

RDC's Shri Chhatrapati Shivaji College of Engineering, Pune
Engg. Dept.

PHONE CALL RECORD SEMESTER - I

Sr.No.	Roll No.	Name of the Mentee	Date	Time	Call Received By	Phone No.	Points Discussed	Remark
17	74	Dhebe Ranita S.	25/12	4:45pm	Mother	9823017636	— " —	
18	75	Jadhav Vaibhavi S.	— " —	4.45pm	Father.	9850299460	— " —	
19	76	Pawar Sulaghita R.	— " —	4.50pm	Father	9011289666	— " —	
20	77	Sutar Pradnya V.	— " —	4.50pm	Father	9822127636	— " —	
21	78	Khopade Chaitrali B	25/12	4.50pm	Father	7038395823	— " —	
22	79	Nailkar Dnyaneshwari T.	— " —	4.50pm	Mother	9156780187	— " —	
23	80	Gadhave Ankita S.	— " —	4.55pm	Father	7038405131	— " —	
24	81	Khopade Pournima S.	— " —	4.55pm	Father	7057689830	— " —	
25	82	Renuse Pranali	— " —	5.00pm	Father	8767390309	— " —	
26	83	Pratiksha Khot	— " —	5pm	Mother	7775837236	— " —	
27	61	Liman Nadhada P.	03/01	3pm	Mother	9699756622	Attendance record	
28	62	Mulla Moin T.	03/01	3pm	Father	9507052819	— " —	
29	63	Ghavare Sushant	— " —	3.30pm	Father	9096486904	— " —	
30	67	Wadghare Sonali	— " —	3:30pm	Father	8379867254	— " —	
31	71	Nevase Aditi	— " —	3:45pm	Mother	8010497457	— " —	
32	72	Palke Rupesh	— " —	3:45pm	Mother	955255 2207	— " —	

PHONE CALL RECORD SEMESTER - I

Sr.No.	Roll No.	Name of the Mentee	Date	Time	Call Received By	Phone No.	Points Discussed	Remark
33	79	Naikar Dnayaneshwari	-11-	4pm	Father	9156780182	-11-	
34	82	Renuse Pranali	04/01	3pm	Father	8767907029	-11-	
35	83	Pratiksha Khot.	04/01	3pm	Father	7775837236	-11-	
36	58	Patil Rohit	-11-	3.25pm	Mother	9970895576	Exam result	
37	59	Konde Satwika	-11-	4pm	Mother	9767642679	-11-	
38	60	Kajapure Rutuja	-11-	4.15pm	Mother	9736695645	-11-	
39	63	Charan sagar	06/01	12pm	Mother	9146000071	-11-	
40	65	Bhandare Pankaj	-11-	12pm	Father	7218643526	-11-	
41	66	Shikalghar Arbaj	-11-	12pm	Brother	8600368362	-11-	
42	68	shinde Sidalh	-11-	12:30pm	Father	7066260371	-11-	
43	69	Algude Pankaj	-11-	3pm	Father	7666936600	-11-	
44	70	Charan Aditya	-11-	3:15pm	Father	~~8830712660~~ 7375380249	-11-	
45	73	Mule Atharva	-11-	3:20pm	Father	8830712660	-11-	
46	77	Sutar Pradnya	-11-	3.30pm	Father	9822127636	-11-	
47	80	Gadhave Ankita	-11-	3:4[illegible]	Father	7038405131	-11-	
48	81	Khapade Pournima	-11-	4[illegible]	Mother	7057689830	-11-	

MENTOR - MENTEE MEETING RECORD

Meeting No.	Session Date & Time	No. of Students Present	Points Discussed
01	23/12/21	12	- Problems faced during online lectures. - Attendance mandatory - Collecting personal information for TG Book
Meeting No.	**Session Date & Time**	**No. of Students Present**	**Points Discussed**
02	28/12/21	18	- Unit Test Result - other problem solving
Meeting No.	**Session Date & Time**	**No. of Students Present**	**Points Discussed**
03	30/12/21	15	- Exam form notice. - General feedback & problem solving
Meeting No.	**Session Date & Time**	**No. of Students Present**	**Points Discussed**
04	14/01/22	20	- Participation in various webinars arranged by Dept.

MENTOR - MENTEE MEETING ATTENDANCE RECORD

Roll No.	Name of the Student	Session No. / Date	1	2	3	4	5	6	7	8	9	10	Total
			22/1	26/1	30/1	1/2							
1	Patil Rohit R.		P	P	P	P							
2	Konde Sakshika S.		P	P	P	P							
3	Rajpure Rutuja C.		P	P	P	P							
4	Liman Harshada P.		P	P	P	P							
5	Mulla Moin T.		P	P	P	P							
6	Charan Sagar U.		P	P	A	P							
7	Gharare Sushant S.		A	A	P	A							
8	Bhandare Pankaj S.		A	P	A	A							
9	Shikalgar Arbaj N.		P	P	P	P							
10	Wadghare Sonali T.		A	A	A	A							
11	Shinde Siddhi R.		P	P	P	P							
12	Algude Pankaj A.		A	A	A	A							
13	Charan Aditya D.		P	P	P	P							
14	Nevase Aaditi M.		P	P	A	P							
15	Palke Rupesh S.		A	A	A	P							
16	Mule Atharva S.		P	P	P	P							
17	Dhebe Pranita S.		A	A	A	P							
18	Jadhav Vaibhavi S.		A	P	P	P							
19	Pawar Swapnita P.		P	P	P	P							
20	Sutar Pradnya V.		A	P	P	P							
21	Khopade Dnyaneshwari T.		A.	P	P	P							
22	Gadhave Ankita S.		A	P	A	P							
23	Khopade Poornima S.		A	P	P	P							
24	Renuse Pranali		A	P	P	P							
25	Pratiksha Khot		A	P	P	A							
	Signatutre of Faculty												
	Signature of Academic Co-Ordinator												
	Signature of Head of Department												

Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg
Dhangawadi, Pune-412206

RD's Shri Chhatrapati Shivajiraje College of Engineering, Pune
E&TC Engg. Deptt.

STUDENT COUNCELLING RECORD

Class : SE Batch : B3 Name of Mentor : Prof. S.S Sonawane.

Sr.No.	Roll No.	Name of the Mentee	Date	Time	Issue	Suggestion	Remark
01	60	Rajpure Rutuja Chandrakant	22/12/21	12:00pm	Documents issue for admission	Forwarded to office	Solved
02	63	Chavan Sagar Umesh	25/12/21	3pm	Exam form filling error	Forwarded to exam co-ordinator	Solved
03	66	Shikalgar Arbaj Niyaj	25/12/21	3pm	—11—	—11—	Solved
04	68	Shinde Siddhi Rajendra	29/12/21	11a.m.	Scholarship form doubts.	Forwarded to office.	Solved.
05	73	Mule Atharva sunil	29/12/21	12pm	Scholarship form error	Forwarded to office	Solved
06	81	Khopade Pournima sharad	30/12/		tionary s. ue	forwarded to office	Solved

IMPROVEMENT STATUS OF MENTEES

Roll No.	Name of the Student	Active Participation in Mentor Program (Yes / No)	Areas of Improvements Seen in Student	Remark
58	Patil Rohit R.	Yes	Communication skills	
59	Konde Satwika S.	Yes	Confidence	
60	Rajapure Rutuja C.	Yes	Active Participation	
61	Liman Hamshada P.	Yes	English Speaking	
62	Mulla Moin T.	Yes	Problem solving	
63	Charan Sagar U.	Yes	Academics	
64	Ghavare Sushant S.	No	—	
65	Bhandare Pankaj S.	No	—	
66	Shikalgar Arbaj N.	Yes	Confidence	

IMPROVEMENT STATUS OF MENTEES

Roll No.	Name of the Student	Active Participation in Mentor Program (Yes / No)	Areas of Improvements Seen in Student	Remark
67	Wadghare Sonali T.	No	—	
68	Shinde Siddhi R.	Yes	Academics	
69	Algude Pankaj A.	No	—	
70	Charan Aditya D.	Yes	Communication skills	
71	Nevase Aditi M.	Yes	Presentation & Handwriting	
72	Palke Rupesh S.	Yes	Stage confidence	
73	Mule Athorra S.	Yes	Presentation skills	
74	Dhebe Ravita S.	Yes	Aacademics	
75	Jadhav Vaibhavi S.		Communication skills.	

RD's Shri Chhatrapati Shivajiraje College of Engineering, Pune
E&TC Engg. Deptt.

IMPROVEMENT STATUS OF MENTEES

Roll No.	Name of the Student	Active Participation in Mentor Program (Yes / No)	Areas of Improvements Seen in Student	Remark
76	Pawar Swapnita R.	Yes	Stage confidence	
77	Sutar Pradnya V.	Yes	English Communication	
78	Khopade Chaitrali B.	Yes	Studies Academic	
79	Naikar Dnyaneshwari T.	Yes	Social Involment	
80	Gadhare Ankita S.	Yes	Academics	
81	Khopade Poornima S.	Yes	Confidence	
82	Renuse Pranali	Yes	Problem solving	
83	Ratiksha Khot.	Yes	Active Participation	

RDs Shri Chhatrapati Shivajiraje College of Engineering, Pune
E&TC Engg. Deptt.

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION

Academic Year : 2021-22 , SEM - I

Class: S. E.	**Course: Digital Circuits**
Course Code:204185	**Faculty Name: Asst. Prof. J. J. Bandal**

C. DIGITAL CONTENTS

Sr.No.	Name of Topic	Web Address
	UNIT1: Digital Logic Families	
W1	TTL NAND Gate	https://youtu.be/rVV22n0TQ9M
W2	Comparison of Logic Families	https://youtu.be/bj4oiFUoYAs
W3	Advantages & Disadvantages of TTL Logic Gates	https://www.electronicsandcommunications.com/2018/09/advan
W4	Characteristics of logic family	https://youtu.be/9Rt7iuqSVJ8
W5	Gate benefits & dates	https://youtu.be/UpGEctxvG54
W6	Gate Examples 3	https://youtu.be/83z5h70zpHo
W7	CMOS & TTL Interfaces	https://www.electronics-tutorial.net/digital-logic-families/cmos
W8	CMOS NOR GATE	https://youtu.be/601dZ7NYJf4
W9	CMOS NAND GATE	https://youtu.be/orNRyYhOtG8
W10	CMOS Inverter	https://youtu.be/6jLd02O8uo8
W11	Comparision of logic families	https://youtu.be/bj4oiFUoYA
W12	Gate Examples	https://youtu.be/ArCwYJ0bO-I
W13	Current sourcing and Current sinking	https://www.electronicsandcommunications.com/2018/09/curren t-sourcing-and-current-sinking-ttl.html?m=1
W14	Dintinguish between Totem Pole and Open Collector	https://www.electronicsandcommunications.com/2018/09/advan tages-and-disadvantages-of-ttl-logic.html?m=1
W15	TTL Tristate Logic Circuit	https://youtu.be/rjqW9BxUNok
W16	Gate Examples 2	https://youtu.be/vwfJMmfEvMQ
W17	TTL NAND Gate	https://youtu.be/J9rHX-IZxB8
W18	TTL NAND	https://youtu.be/rVV22n0TQ9M
W19	Comparison of Logic Families	https://youtu.be/bj4oiFUoYAs
W20	Characteristics of logic families	https://youtu.be/9Rt7iuqSVJ8
W21	Introduction to Logic Families	https://youtu.be/nb11AipMJd4
	Practicals	

P1	Verify four voltage and current parameters for TTL and CMOS (IC 74LSXX, 74HCXX), (Refer Data-Sheet).	http://vlabs.iitkgp.ernet.in/dec/exp2/index.html#
	MCQs	
M1	Digital Circuits question& Answers	https://www.sanfoundry.com/1000-digital-circuits-questions-answers/
	NPTEL LECTURE LINK	
N1	Introduction to digital circuits	https://youtu.be/CeD2L6KbtVM
N2	Introduction to sequential circuit	https://youtu.be/ibQBb5yEDlQ
N3	Combinational Logic Basic	https://youtu.be/sUutDs7FFeA
N4	Combinational Logic	https://youtu.be/XCiLHOZsQJ8
	UNIT2: Combinational Logic Design	
W1	Boolean Expression Solving Using K-Map	https://youtu.be/ewkhVRIzsN0
W2	Design of Half-Adder	https://youtu.be/mXw8RTmd-7c
W3	Designing of Full-Adder	https://youtu.be/QyKluJY4u8A
W4	Designing of Full Adder using Half Adder	https://youtu.be/FSFNefbKckM
W5	Look-Ahead Carry Generator	https://youtu.be/XLF5jgAqpgo
W6	BCD Adder	https://youtu.be/2gI3aC5blfA
W7	Binary to Gray Code Converter	https://youtu.be/yrFm_EuDy50
W8	Excess 3 To BCD Conversion	https://youtu.be/jZhPy54OAtI
W9	Design an excess-3-to- binary code	https://youtu.be/FLUBZ83p5PQ
W10	Quine-McClusky Minimization Technique	https://youtu.be/l1jgq0R5EwQ
W11	Quine-McClusky Minimization Technique with Don't Care Condition	https://youtu.be/qSNQXzXmAY0
W12	Logic Gate Examples	https://youtu.be/eEnp4vTlqyA
W13	SOP and POS form equations	https://youtu.be/K2cpJex0o_A
W14	Implementation of 4-bit parallel adder	https://youtu.be/RCXBG-ldt8k
W15	4-Bit Parallel Adder	https://youtu.be/9R_IPPAwht0
W16	How to read Data sheet	https://youtu.be/DZIFlV6wAZA
W17	Gate Examples	https://youtu.be/ArQwYJ0bO-I
W18	Logic Gate problems	https://youtu.be/QkF4IMK2XkA
W19	Designing of Full Adder	https://youtu.be/QyKluJY4u8A
W20	Desing of Half Adder	https://youtu.be/mXw8RTmd-7c
W21	Full Substractor using half Substactor	https://youtu.be/P8fdiLf1myM
W22	Full Substractor	https://youtu.be/caU4Gfa90uU
W23	Half Subtractor	https://youtu.be/V9laH4_LrQI
W24	Introduction to Combinational Circuits	https://youtu.be/_yHo2qq82P0
W25	Gate 2014	https://youtu.be/jVNqRmlWhqU
W26	Gate 2014 ECE	https://youtu.be/dZblXWcOBkY
W27	Gate 2003	https://youtu.be/kLqUlWSzqJI
W28	Gate 1999	https://youtu.be/AjBVuE5SYaM
W29	Boolean Expression Solving	https://youtu.be/ewkhVRIzsN0

W30	BCD Adder	https://youtu.be/2g13eC2bffA
W31	Binary to gray Converter	https://youtu.be/xrTm_EuDzG0
W32	Excess 3 to BCD	https://youtu.be/jZhPg54QAtI
W33	Gate 1997	https://youtu.be/R6Apd9VEnmw
W34	Gate 1998	https://youtu.be/gRJoq9yB7QU
W35	Gate 1999	https://youtu.be/72bTzRCe16Y
W36	Gate 2003	https://youtu.be/mullwRZ7YY4
W37	Gate 2004	https://youtu.be/In-baJRcMIY
W38	Gate 2005	https://youtu.be/xCS-TTQ7hp8
W39	Gate 2007	https://youtu.be/NrSGprtiRgZs
W40	Gate minimization	https://youtu.be/haH_7TtDsnU
W41	Gate 2009	https://youtu.be/qHzk5M1H5OU
W42	Gate 2014	https://youtu.be/YyIX-T68s0
W43	Gate Solutions	https://youtu.be/w9-xUj_o864?list=PLgG3VPIaPeXMaFbgSvx7RRIJPCTXJJGYW
W44	implementation of Boolean Expression 2nd method	https://youtu.be/r8S6INFAahg
W45	Implementation of Boolean Fuction Simple way	https://youtu.be/XekITMLiDUE
W46	Boolean Function implementation	https://youtu.be/-nmjQPVJiT0
W47	1-bit full adder	https://youtu.be/ai8FpkD5gGo
	Practicals	
P1	Full Adder using IC 74138	https://youtu.be/GZE-tMcsFUA
	MCQs	
M1	Digital Circuits queation& Answers	https://www.sanfoundry.com/1000-digital-circuits-questions-answers/
	NPTEL LECTURE LINK	
N1	Introduction to digital circuits	https://youtu.be/CeD2L6KbtVM
N2	Introduction to sequential circuit	https://youtu.be/ibQBb5yEDIQ
N3	Combinational Logic Basic	https://youtu.be/sUutDs7FFeA
N4	Combinational Logic	https://youtu.be/XCiLHOZsQI
N5	Combinational circuit Design	https://youtu.be/uv_RJ1Pv71s
N6	Karnaugh Map and implicant	https://youtu.be/EznCqZ1eh5Q
N7	Logic Simplification	https://youtu.be/FwJalVfvn50
N8	Logic minimization using karnaugh map	https://youtu.be/ygm25sqqepg
N9	karnaugh Map minimization using Max terms	https://youtu.be/i_HYxdri69Y
N10	Code converter	https://youtu.be/kgL5UaSVuro
N11	Arithmetic circuit	https://youtu.be/NAqR-OGjgoQ
N12	Substractor	https://youtu.be/6OKQJCnx3is

UNIT3: Combinational Circuits		
W1	Design of Half-Adder	https://youtu.be/mXw8RTmd-7c
W2	Designing of Full-Adder	https://youtu.be/QyKluJY4u8A
W3	Designing of Full Adder using Half Adder	https://youtu.be/F5FNefbKckM
W4	Look-Ahead Carry Generator	https://youtu.be/XLF5jgAqpgo
W5	BCD Adder	https://youtu.be/2gI3aC5blfA
W6	Implimentation of 4-bit parallel adder	https://youtu.be/RCXBG-ldt8k
W7	4-Bit Parallel Adder	https://youtu.be/9R_lPPAwht0
W8	How to read Data sheet	https://youtu.be/DZIFIV6wA7A
W9	Gate Examples	https://youtu.be/ArQwYJ0bO-I
W10	Logic Gate problems	https://youtu.be/QkF4iMK2XkA
W11	Designing of Full Adder	https://youtu.be/QyKluJY4u8A
W12	Desing of Half Adder	https://youtu.be/mXw8RTmd-7c
W13	Full Substractor using half Substactor	https://youtu.be/PBfdiLf1myM
W14	Full Substractor	https://youtu.be/caUJ4Gfa90uU
W15	Half Subtractor	https://youtu.be/V9IaH4_LrQI
W16	Introduction to Combinational Circuits	https://youtu.be/_yHo2qq82P0
W17	2-bit comparator	https://youtu.be/BhUUmbz76P0
W18	Magnitude Comparator Bit-1	https://youtu.be/3BiSCqXXGoQ
W19	ALU	https://youtu.be/MJi2jHYM-EY
W20	Boolean Expression	https://youtu.be/84NzHdmRZBw
W21	Carry look ahead arrow	https://youtu.be/84NzHdmRZBw
W22	BCD Adder	https://youtu.be/7gI3aC5blfA
W23	Even Parity Generator	https://youtu.be/jI1UIGlf4Gs
W24	Odd parity Generator	https://youtu.be/jI1UIGlf4Gs
W25	4-bit Even parity generator	https://youtu.be/K0NihU7N9us
W26	Combinational Logic: Parity Checker	https://youtu.be/S8vUafp7J8M
W27	Gate Solutions	https://youtu.be/w9-xUj_o864?list=PLgG3VRIaPeXMaFbg5vx7RRIjPCTXJLGVW
W28	MUX	https://youtu.be/oRIKoCm1eA8
W29	4:1 Multiplexer	https://youtu.be/ksAok2NhzBs
W30	8X1 Multiplexer	https://youtu.be/b0z7YKKCCyY
W31	1-bit full adder	https://youtu.be/ai8FpkD5gGo
W32	Introduction to Demultiplexar	https://youtu.be/y9P3DkO70jw
W33	Demultiplexar	https://youtu.be/y9P3DkO70jw

W34	1:8 Demultiplexar	https://youtu.be/ep8oqrhAPq8
W35	1:4 Demultiplexar	https://youtu.be/4kgPMT9k3bg
W36	Introduction to demultiplexar	https://youtu.be/t3Ed13z9uz8
W37	Implementation of full Substractor	https://youtu.be/wLUIa52bIVs
W38	2 to 4 Decoder	https://youtu.be/ir1ahUm5Gc
W39	3 to 8 Decoder	https://youtu.be/AFBoQOzSdTI
W40	Demultiplexar as Decoder	https://youtu.be/vMvvggyriCc
W41	Full Adder Implementation	https://youtu.be/u863cwgdlnA
W42	Implementation of 5x32 decoder	https://youtu.be/FFymRlgXIgU
W43	Comparison Between combinational & sequential circuits	https://youtu.be/SzV4l0_1MCQ
	Practicals	
P1	4- bit comparator using IC 7485	https://youtu.be/6Y5ske4p6fE
P2	8- bit comparator using IC 7485	https://youtu.be/uzKRFRXwUOM
P3	Full Adder using IC 74138	https://youtu.be/G7E-tMcsFUA
P4	DEMUX IC 74139	https://youtu.be/EjYkYCQ5RDo
P5	Multiplexer &Demultiplexer Circuit	https://youtu.be/ZQbdvHjXRwY
	MCQs	
M1	Digital Circuits queation& Answers	https://www.sanfoundry.com/1000-digital-circuits-questions-answers/
	NPTEL LECTURE LINK	
N1	Combinational Logic Basic	https://youtu.be/sUutDs7FFeA
N2	Combinational Logic	https://youtu.be/XCiLHOZsQI8
N3	Combinational circuit Design	https://youtu.be/uv_RU1Pv71s
N4	Parity generator and Display decoder	https://youtu.be/6EstVUxwW8
N5	Cary Look ahead adder	https://youtu.be/36hCizOk4PA
N6	Substractor	https://youtu.be/6OKQJCnx3is
N7	2's compliment substractor and BCD Adder	https://youtu.be/Cwlk8lyrMI8
N8	Mutiplexer Based Design	https://youtu.be/QrZgp0SAUFQ
N9	Encoder and Decoder	https://youtu.be/RZQTTfU9TNA
	UNIT4: Sequential Logic Design	
W1	Comparison Between combinational & sequential circuits	https://youtu.be/SzV4l0_1MCQ
W2	Flip Flops & latches	https://youtu.be/PVJC_-_JB_A
W3	Difference between latch &flipflop	https://youtu.be/m1QBxTeVaNs
W4	S-R Latch with NAND Gates	https://youtu.be/aldxBo3XXUU

W5	Latches &Flipflops	https://youtu.be/y7Zf78v_J74
W6	Introduction of Counter	https://youtu.be/32v8s0R0qIk
W7	UP Down Counter	https://youtu.be/fxiLBw49zZ8
W8	Ripple Counter	https://youtu.be/eiIV28LSQnM
W9	Ripple Down Counter	https://youtu.be/uLGmK6NQInE
W10	Synchronous Counter	https://youtu.be/Pvty_1r-tI8
W11	3 bit & 4- bit UP Down Counter	https://youtu.be/svFUEJkoeVY
W12	Twisted Ring Counter Or Johanson Counter	https://youtu.be/5XbXnfgY6jk
W13	Ring Counter or shifted ring counter	https://youtu.be/EAhtV0H6z0Y
W14	What is mean by clock skew	https://youtu.be/tJ-HJzkIc9A
W15	What is Jiter	https://youtu.be/gWaAn87cDZI
W16	Lock out problem in synchronous counter	https://youtu.be/M4YZbYBwKc8
W17	Counter Application	https://youtu.be/BLkop-C4C_I
W18	Designing of MOD 6 Synchronous Down Counter	https://youtu.be/ypwaUXlrqnM
W19	Problems on designing of Synchronous Counter	https://youtu.be/PiuIIw4j_8c
W20	Gate Exam questions on sequential circuits	https://youtu.be/JPeXOpys9Pk
W21	Gate Exam questions on Counters	https://youtu.be/CMPpa53zMTg
	Practicals	
P1	MOD 12 Counter	https://youtu.be/tYWnElrvJHs
P2	MOD 60 Counter	https://youtu.be/y62kA-8ceDI
P3	How Shift Register Work	https://youtu.be/oB_pz1BAinI
P4	Shift Register IC 7495	https://youtu.be/0buNsjjv8_Q
P5	Shift Register (SISO & SIPO) using D Flip Flop	https://youtu.be/OfoXclymMvI
P6	Sequential Logic D & J-K Flip Flop	https://youtu.be/HIF_OJaAcEM
P7	SR Flip Flop	https://youtu.be/SR4KJ5gWC8k
	MCQs	
M1	Digital Circuits queation& Answers	https://www.sanfoundry.com/1000-digital-circuits-questions-answers/
	NPTEL LECTURE LINK	
N1	Introduction to digital circuits	https://youtu.be/CeD2L6KbtVM
N2	Introduction to sequential circuit	https://youtu.be/ibQBb5yEDlQ
N3	Up - Down Counter	https://youtu.be/PnwYW3RWARw
N4	Design of synchronous sequential circuit	https://youtu.be/MiuMYEn3dpg
N5	S-R.J-K and D Flip flop	https://youtu.be/2ecMG_OciLo

N6	J-K and T flip flop	https://youtu.be/4CRPla9nfV0
N7	Mealy and Moore circuit	https://youtu.be/O3IfONr9to0
N8	Triggering mechanism of Flip Flop and counter	https://youtu.be/dvcP54YiS08
N9	Shift Register	https://youtu.be/ecj9xmIfXM
N10	Application of shift register	https://youtu.be/aGHpADG8Yo4
N11	Design using JK FF	https://youtu.be/t1_rhFnKAeo
UNIT5: State Machines		
W1	Introduction to state Table ,State Diagram and State equation	https://youtu.be/NNOSWnTHakY
W2	Introduction to mealy and Moore models	https://youtu.be/QM0as5CLAtM
W3	Sequence Generator example solving	https://youtu.be/zsW8mqWn6NA
W4	Sequence generator example 1	https://youtu.be/hWvqg6mmooQ
W5	Sequence generator example 1	https://youtu.be/bXgxZrbFnyQ
W6	Pattern detector	https://youtu.be/XNAK-L7NIOM
W7	ASM Chart	https://youtu.be/HjDSmVbbBK4
W8	ASM Chart for Moore state machine	https://youtu.be/kNG0l2vAGjw
W9	Example of system design in ASM chart	https://youtu.be/Arncvqu_jOQ
MCQs		
M1	Digital Circuits queation& Answers	https://www.sanfoundry.com/1000-digital-circuits-questions-answers/
NPTEL LECTURE LINK		
N1	State Machine	https://youtu.be/FZAHhQ1v7B0
N2	Design of Finite State Machine	https://youtu.be/YgtJlUXdCjI
UNIT6: Programmable Logic Devices		
W1	Gate Solutions	https://youtu.be/w9-xUj_c864?list=PLgG3VRIaPeXMaFbg5vx7RRIjPCTXJLGVW
W2	Introduction to PLD'S	https://youtu.be/BvGlKTImd5E
W3	Introduction to PLD	https://youtu.be/8MwlgsCSTdc
W4	Programmable read only memory	https://youtu.be/3Wy2IhbfNC0
W5	Programmable Logic Arrya (PLA)	https://youtu.be/jrQ1YYgiOTo
W6	Programmable Arrya Logic (PAL)	https://youtu.be/qlq4NHk5Y_w
W7	PAL	https://youtu.be/Uo5WrfPw1cc
W8	Introduction to FPGA	https://youtu.be/CLUoWkIUnN0
W9	Difference between FPGA and CPLD	https://youtu.be/1PifSHfSH5M
MCQs		

M1	Digital Circuits question & Answers	https://www.sanfoundry.com/1000-digital-circuits-questions-answers/
NPTEL LECTURE LINK		
N1	Programmable logic Devices	https://youtu.be/PkFX7NjgEdA
N2	Design using by programmable Logic Design	https://youtu.be/esY4E5shqU4

Signature of Faculty

HOD

Technical Paper Presentation in National / International Level Conferences

HBRP PUBLICATION

Advancement in Image Processing and Pattern Recognition
Volume 5 Issue 2
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Detect-DR: Classification of Diabetic Retinopathy using Fractal Analysis and Random Forest

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ABSTRACT

In this project we are implementing a Diabetic Retinopathy Detection System, which will be used primarily in medical institutes to detect and classify various stages of Diabetic Ratinopathy. This project will have primarily three main Users that would be Admin, Doctor and Patient. The complete system revolves around two users – Doctor and Patient. We are using dataset from Kaggle to train the system using Python and for main users like admin, doctor and patient UI would be web-based system designed and developed using HTML, CSS, JS, along with HOPE UI framework and Bootstrap 5. There will be a Web Application for DDR. Main Goal of the project is to automate the screening process of detection of diabetic ratinopathy. Project has 5 main modules, 1. Training, 2. Testing, 3. Admin Portal, 4. Doctor Portal, 5. Patient Portal through which all the task will be performed. Our system classifies Diabetic Retinopathy in 4 different.

***Keywords:-**Detect-DR, Web-Based, Classification, Diabetic Retinopathy, Fractal Analysis.*

INTRODUCTION

Diabetic Retinopathy has been a major concern in India as India is leading diabetic country in world. There are multiple cases where Diabetic Retinopathy is detected in later stages of its infection and is difficult to treat. The Screening that is fully dependent on the doctor has to be made independent at some level. Detection of DR in early stages will literary save many eyes.

DetectDR stands for Detect Diabetic Retinopathy. Diabetic Retinopathy is a complication related to diabetes that affects functioning of eyes. Diabetic Retinopathy is caused by damage occurred to the blood vessel of the tissue present at the back of eye which is light-sensitive.

There are four stages of Diabetic Retinopathy
Stage 1: Mild nonproliferative diabetic retinopathy.
Stage 2: Moderate nonproliferative diabetic retinopathy.
Stage 3: Severe nonproliferative diabetic retinopathy.
Stage 4: Proliferative diabetic retinopathy
Right now Detection of Diabetic Retinnopathy is done by Manual Screening, where an eye specialist takes the fundus image, analyses it and depending upon his/her experience diagnoses patient with Diabetic Retinopathy.

LITERATURE SURVEY

[1] Rajendra D. along with Kokate B., Vaibhav V. Kamble Implemented A System– "Automated Diabetic Retinopathy Using Radial Basis Function" To Automatically detect retinal image as non DR or DR based on radial basis function (RBF) neural network classifier.

Their experiment addresses to explore ophthalmic features such as exudates, blood vessels & micro aneurysms & also

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its segmented from retinal background using A-IFS histon based sementation method. This obtained features set which delivers to train RBF neutral network of the project. ROC-Receiver opration characteristics curve is plotted based on evaluated result obtained earlier. The projected experiment has been done on 89 DIARETDB1 & 130 DIRECTDB0 retinal images database by using rBF neural network.

[2] Farrikh Alzami, implemented "Diabetic Retinopathy Grade Classification Based on Fractal Analysis & Random Forest" along with Abdussalam, Rama Arya Megantara, Ahmad Zainul Fanani. In this paper, they presented diabetic retinopathy classification methods which classifying the healthy eyes and diseased pathologies eyes using fractal analysis as feature extraction and random forest is used as classifier.

FARRIKH and team then initially segmented the images obtained from the dataset, then they computed the fractal dimension as features of fundus image. After obtaining the features, they fed newly obtained features into random forest classifier. Their experiment used MESSIDOR dataset which contains normal, mild (only micro aneurysms is found),moderate

[3] Automated Diabetic Retinopathy Detection and Classification – this paper by Z.A.Omar, M Hanafi, S.Mashohor, N.F.M.Mahdudz, M. Muna'im proposed an algorithm that consists of DR detection method with the aim to improve the accuracy of the existing systems.

The methods used to detect Diabetic Retinopathy features namely hemorrhages, exudates and also blood vessels can be categorized into several stages. These stages are image pre- processing, vessel and hemorrhages detection, exudate detection and optic disc removal.

PROPOSED SYSTEM

Dataset Training

We are using dataset from Kaggle for training our system.
This training is done in steps as follows:

- Take Fundus images from Dataset
- Remove Green Color Channel from those images & Perform Skeletonization on those images.
- Implement Fractal Analysis and store the analyzed data.
- Train System with newly analyzed data with classification types provided by Kaggle.

Dataset Testing

This particular module is used to test accuracy of our trained system. This module will closely work alongside dataset training module.

Admin Portal

Admin being the actual Super-User of entire system will have his/her own separate Dashboard to manage doctors i.e., add, update remove Doctors from the System.
Apart from managing Doctor Admin can also update his own profile, but Admin won't be allowed to manage Patients.

Doctor Portal

In this module doctor can manage patient accounts. If patient exists in the system (added by other doctor), then new patient won't be created.
Doctor would be able to upload the fundus images of patients and get appropriate classification of Diabetic Retinopathy.

Patient Portal

This module would be Read-Only Module of the system. Patients would only be able to check for results of Classification.

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SYSTEM DESIGN

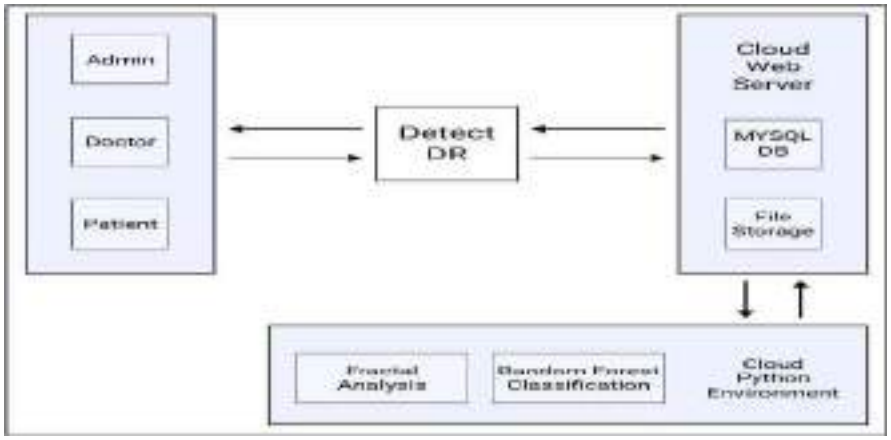

Fig.1:-*System Architecture*

In this system, if users interact with the system, then system send request to the web server and receive responses through the file system and database.

ALGORITHM
Custom Algorithm from entire Project of diabetic Retinopathy detection and its classification:
Step 01: Start
Step 02: Take Fundus images from Dataset
Step 03: Remove Green Color Channel from Image to make them Grayscale
Step 04: Resize image to be 255px by 255px
Step 05: Perform Skeletonization i.e. Skinning and thickening on grayscale image
Step 06: Implement Fractal Analysis and store fractal
Step 07: Perform Step 02 to 06 for all images and store fractal analysis and dataset classification value in database
Step 08: Run all images with their fractal score and classifier through random forest for classification
Step 09: Once Doctor uploads new image for Detector Perform Step 2 to 6 and run through same forest to get classifier
Step 10: End

CONCLUSION

As a result of increased infrastructure support for online web-based application in the field of Medicine, we have implemented a classification system (Detect-DR) using fractal analysis and random forests for detection of diabetic retinopathy. This system will have 3 major portals for admin, doctor and patients as well. This system is designed in python for fractal analysis and classification.

FUTURE WORK

For future work, it would be beneficial integrate the system with Retina Scanner at Doctor, which will further reduce time of detection and classification. It would also be helpful to add a module to let patients know about their reports either on WhatsApp or via Text Message

ACKNOWLEDGEMENT

Entire team of Detect-DR wishes to thank those who gave us their invaluable time. We wish to extend our cordial gratitude with profound thanks to Prof. S. B. Shirke for his everlasting guidance, inspiration and encouragement which helped us in completing our project. This Project work is grateful to Prof. B. D. Thorat, Head of the Department of Computer Engineering for giving us the support that was helpful for implementation of this idea.

At last but not least we express our sincere thanks to MicroVersion Technologies for happily providing us the technical

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environment and infrastructure to successfully implement and build Detect-DR.

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1. Kamble, V. V., & Kokate, R. D. (2020). Automated diabetic retinopathy detection using radial basis function. *Procedia Computer Science*, *167*, 799-808.
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3. Omar, Z. A., Hanafi, M., Mashohor, S., Mahfudz, N. F. M., & Muna'im, M. (2017, October). Automatic diabetic retinopathy detection and classification system. In *2017 7th IEEE International Conference on System Engineering and Technology (ICSET)* (pp. 162-166). IEEE.

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12.Technical Quiz Competition

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune

Date: 14/03/2022

NOTICE

All faculty members of first year engineering department are here by inform that we are going to arrange Quiz Competition on 24/03/2022 on unit-III of each subject. In this concern submit the soft copy of 15 questions with four options and its correct solution to Prof. B.P. Tapare of FE department on or before 21st Mar 2022. Kindly forward soft copy of your question bank on tapare.rajgad11@gmail.com.

Sr. No	Subject	Name of Subject Teacher	Signature
1.	Engineering Mathematics-I	Prof. J. G. Kale	
		Prof. B. P. Tapare	
2.	Engineering Physics	Prof. R. B. Raut	
3.	Engineering Chemistry	Prof. A. K. Kondhalkar	
4.	Basic Electrical Engineering	Prof. T. M. Dudhane	
5.	Engineering Mechanics	Prof. R. C. Divekar	
6.	System in Mechanical Engineering	Prof. D. B. Shelake	

Prof. Tapare B. P.
Departmental Quiz Coordinator

Shri Chhatrapati Shivajiraje College of Engineering
F E Dept
RD

Prof. Kale J.G.
HOD F.E
Head of Department
First Year Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune.

Date: 14 / 03 / 2022

NOTICE

All faculty members of first year engineering department are here by inform that on the occasion of Quiz Competition scheduled on 24/03/2022 at 3.00 P.M in seminar hall, the responsibilities in that event are distributed as follows.

Sr.No	Name	Responsibility	Signature
1.	Mr. Gaikwad Rohit	Seating Arrangement (Arranging Chairs; Mike; Projector; Black board)	Gaikwad
2.	Prof. Y.G. Jadhav	Anchoring (Announcement of questions)	
3.	Prof. B. P. Tapare	Displaying PPT 's	
3.	Prof. R. B. Raut Prof. A. R. Bobade	Response checker in buzzer round	ARBobade
4.	Prof. R. B. Raut	Updating division wise Score	
5.	Prof. J.G. Kale	Subject Expert of M-I	Kale
6.	Prof. R. B. Raut	Subject Expert of Physics and Mechanics	
7.	Prof. A.K Kondhalkar	Subject Expert of Chemistry	
8.	Prof. J.J Bandal	Subject Expert of BEE	
10.	Prof. D. B. Shelake	Subject Expert of SME	

Prof. Tapare B. P.
Departmental Quiz Coordinator

Shri Chhatrapati Shivajiraje College of Engineering
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Prof. J. G. Kale
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Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune

Date: 14/03/2022

NOTICE

All students of First Year Engineering hereby inform that, we are arranging "Quiz Competition on 24/03/2022 at seminar hall from 3.00 PM onwards.

Attendance is compulsory to all students.

Prof. Tapare B. P.
Departmental Quiz Coordinator

Shri Chhatrapati Shivajiraje College of Engineering * RD
F E
Dept

Prof. Kale J.G.
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Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune.

Department : First Year Engineering

RULES OF QUIZ COMPETITION 2021-22 (Sem-I)

Round 1	❖ **Buzzer Round – Eight questions in all** ➢ 8 questions will be fired at all the teams one after another. ➢ The teams can discuss among themselves and then press the buzzer/bell to answer the question first. No discussion is allowed after pressing the buzzer. ➢ The team that presses the buzzer/bell first gets a chance to answer it. ➢ 10 points for the correct answer and minus 5 points for the wrong answer. ➢ If a team doesn't answer or gives a wrong answers after they press buzzer they also lose 5 points. ➢ If a team presses the buzzer before the question is over they will be asked to answer it without the question being completed. ➢ The question has to be answered in 30 seconds. ➢ If a question is not answered by the first team who pressed the bell. The team that pressed the bell next gets to answer. ➢ There are no choices in this round. ➢ If two teams press the buzzer/bell together there will be a pull of cards to decide who gets the chance to answer if. If the first team answers it correctly they get a point. If they give a wrong answer they lose 5 points and the next team that pressed the buzzer gets to answer.
Round 2	❖ **Compulsory Questions – Each team quota of 4 questions.** ➢ In this round each team has its own quota of 4 questions and other questions passed to it from the previous team that did not answer. ➢ A team gets 30 seconds to answer the question intended for it, and is awarded 20 points for answering it. ➢ If the team, the question intended for gives a wrong answer, the quiz mast will give the correct answer.

	➢ If the team that the question intended for passes it. The next teams get 15 seconds to answer it and is awarded 10 points for the right answer. ➢ The team members can discuss before giving the answer. ➢ If a team cannot answer a question they can pass it or after 30 seconds it gets automatically passed to the next team. ➢ If a team is answering a question and the time passes, then the team gets to complete the answer and is awarded points for the right answer. ➢ There is no negative marking for wrong answer. ➢ No buzzer is used in this round
Round 3	❖ **Scholars Round - Each team quota of 4 questions.** ➢ In this round each team has selected only scholars students they play the game. ➢ Same rule as raound-2
Round 4	❖ **In case of a tie.** ➢ In case of a tie after the 4th round, the tied teams get into a buzzer/bell round. ➢ Rules are similar to buzzer round. ➢ If a team answer right they get 25 points. If they answer wrong they get minus 25 points.

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering,
Dhangawadi, Pune

FE SYLLABUS QUIZ

Academic Year: 2021-22 (Sem-I)
DEPARTMENT OF FIRST YEAR ENGINEERING

ROUND 1

BUZZER ROUND

M-I QUESTION NO.1

If $u = \sin^{-1}\left(\frac{x^2+y^2}{x+y}\right)$ is homogeneous function of degree.....

A. 1
B. $\frac{1}{2}$
C. 2
D. 0

M-I QUESTION NO.2

If $u = x^y$, then $\frac{\partial u}{\partial y}$ is equal to.....

A. 0
B. yx^{y-1}
C. $x^y \log x$
D. None

MI QUESTION NO.3

Two functions $u(x,y)$ and $v(x,y)$ are functionally dependent if their jacobian $\frac{\partial(u,v)}{\partial(x,y)}$ is equal to .....

A. 1
B. 0
C. xy
D. uv

M-I QUESTION NO.4

With usual notations, the condition of maximum for function of two variable is.....

A. $rt - s^2 < 0$ and $r > 0$
B. $rt - s^2 = 0$ and $r > 0$
C. $rt - s^2 > 0$ and $r < 0$
D. None

EXTRA M-I QUESTION NO.5

If $u = x^2 + y^2$ and $v = 2xy$ then the value of $\frac{\partial(u,v)}{\partial(x,y)}$ is .....

A. $4(x^2+y^2)$
B. $-4(x^2+y^2)$
C. $4(x^2-y^2)$
D. 0

EXTRA M-I QUESTION NO.6

The percentage error in the area of a rectangle when an error of 1 % is made in measuring it's length and breadth is .....

A. 1 %
B. 2 %
C. 0
D. 3 %

SME QUESTION NO.7

Connecting rods are generally of following form_____

A. Forged I section
B. Forged round section
C. Cast iron round section
D. Forged C section

SME QUESTION NO.8

When No.1 piston of 4 cylinder inline engine is performing the power stroke then No.4 piston is on the stroke called_____

A. exhaust
B. Suction
C. compression
D. power

SME QUESTION NO.9

A 4*4 drive vehicle implies that

A. it has 4*4=16 wheels
B. it has 4 steering wheels and 4 road wheels
C. it has 4 wheels out of 4 are drive wheels
D. none of the above

SME QUESTION NO.10

1 H.P. is equal to ———— watts

A. 810
B. 545
C. 634
D. 746

EXTRA SME QUESTION NO.11

Which type of wheels are preferred in a sport car

A. disc
B. wire
C. magnesium alloy
D. Al alloy

EXTRA SME QUESTION NO.12

Which suspension type is famous in passenger cars

A. Leaf spring
B. Air suspension
C. Mac pherson
D. All of above

ROUND 2

COMPULSORY ROUND

Chem QUESTION NO.13

Bomb calorimeter is used to determine_____

A. GCV at constant pressure
B. GCV at constant volume
C. NCV at constant pressure
D. NCV at constant volume

Chem QUESTION NO.14

Which of the following has property of absorbing water_____

A. KOH solution
B. $BaCl_2$
C. Anhydrous $CaCl_2$
D. Sulphuric acid

EXTRA Chem
QUESTION NO.15

CNG is used for_____

A. Power generation
B. Electric generators
C. Solvent
D. Universal solvent

EXTRA Chem
QUESTION NO.16

Electrochemical corrosion takes place on_____

A. Anodic area
B. Cathodic area
C. Near anode
D. Near cathod

Phy
QUESTION NO.17

The concept of matter wave was suggested by_____

A. Heisenberg
B. de Broglie
C. Schrodinger
D. Laplace

Phy
QUESTION NO.18

The square of the magnitude of the wave function is called_____

A. current density
B. zero density
C. volume density
D. probability density

EXTRA Phy
QUESTION NO.19

Intrinsic semiconductor at room temperature will have, ... available for conduction

A. Electrons
B. Holes
C. Both electrons and holes
D. None of the above

EXTRA Phy
QUESTION NO.20

That radiation and matter have properties both of particles and of waves is called what?

A. Mixing
B. Confusion
C. Wave-particle duality
D. Entanglement

BXE QUESTION NO.21

Q1 If lower voltage level represents logic 0 and higher voltage level represents logic 1, the system is called _____ logic system.

A. positive
B. negative
C. neutral

BXE QUESTION NO.22

Q2 A _____ gate represents a complement function.

A. NOT
B. NOR
C. NAND

EXTRA BXE QUESTION NO.23

Q1 A 14 pin NOT gate IC has _____ NOT gates.

A. 8
B. 6
C. 5
D. 4

EXTRA BXE QUESTION NO.24

Q2 The _____ circuits do not contain any memory elements

A. combinational
B. sequential
C. none of these

PPS QUESTION NO.25

Q1 Which of the following refers to mathematical function?

A. Sqrt
B. Rhombus
C. Add
D. None of same

PPS QUESTION NO.26

Q2 What will be the output of the following Python code?

```
1. >>>str1="helloworld"
2. >>>str1[::-1]
```

A. Dlrowolleh
B. Hello
C. World
D. helloworld

Extra PPS
QUESTION NO.27

Q1. Which of the following is the use of function in python?

A. Functions are reusable pieces of programs
B. Functions don't provide better modularity for your application
C. you can't also create your own functions
D. All of the mentioned

EXTRA PPS
QUESTION NO.28

Q2. What are the two main types of functions?

A. Custom function
B. Built-in function & User defined function
C. User ction
D. System function

ROUND 3

SCHOLARS ROUND

M-I
QUESTION NO.29

If $u = f\left(\frac{x}{y}\right)$ then .....

A. $x\frac{\partial u}{\partial x} - \frac{\partial u}{\partial y} = 0$

B. $x\frac{\partial u}{\partial x} + y\frac{\partial u}{\partial y} = 0$

C. $x\frac{\partial u}{\partial x} + y\frac{\partial u}{\partial y} = 1$

D. $y\frac{\partial u}{\partial x} + x\frac{\partial u}{\partial y} = 0$

EXTRA M-I
QUESTION NO.30

If $f(x, y) = 0$ then $\frac{dy}{dx}$ is equal to .....

A. $\frac{\left(\frac{\partial f}{\partial x}\right)}{\left(\frac{\partial f}{\partial y}\right)}$ B. $\frac{\left(\frac{\partial f}{\partial y}\right)}{\left(\frac{\partial f}{\partial x}\right)}$ C. $-\frac{\left(\frac{\partial f}{\partial y}\right)}{\left(\frac{\partial f}{\partial x}\right)}$ D. $-\frac{\left(\frac{\partial f}{\partial x}\right)}{\left(\frac{\partial f}{\partial y}\right)}$

SME
QUESTION NO.31

Which of these is not a part of transmission system

A. clutch
B. axles
C. wheels
D. gear box

EXTRA SME
QUESTION NO.32

In a diesel cycle engine combustion occurs at constant

A. Pressure
B. Volume
C. temperature
D. heat

EM
QUESTION NO.33

Which of the following is correct for the stability of equilibrium configuration?

A. The application of the conditions of the equilibrium of the body is valid only in the 2D
B. The appli...ion of the conditions of the equilibrium of the body is valid only in the 3D
C. The applications of the conditions of the equilibrium of the body is valid only in the 1D
D. The application of the conditions of the equilibrium of the body is valid throughout

EXTRA EM
QUESTION NO.34

If a truss consists of 8 joints, 10 members and 4 reaction components then, it is a .....

A. cantilever truss
B. defficient truss
C. redundant truss
D. none of the above

PPS
QUESTION NO.35

Q1 What arithmetic operators cannot be used with strings?

A. +
B. -
C. *
D. All of the mentioned

EXTRA PPS
QUESTION NO.36

Q1 What will be the output of the following Python code?

```
1. def cube(x):
2.     return x * x * x
3. x = cube(3)
4. print x
```

A. 9
B. 3
C. 27
D. 30

Chem
QUESTION NO.37

Q1 The enzyme which converts glucose, fructose into ethyl alcohol_____

A. Invertase
B. Zymase
C. Lypase
D. Pepsin

EXTRA Chem
QUESTION NO.38

Q1 Chemical formula of rust is_____

A. Fe_2O_3
B. FeO
C. Fe_3O_4
D. $Fe_2O_3XH_2O$

Phy
QUESTION NO.39

Q1 The operator ∇ is called _____ operator

A. vector
B. Hamiltonian
C. Laplacian
D. Poisson

EXTRA Phy
QUESTION NO.40

Q1 The function representing matter waves must be_____

A. complex
B. real
C. Zero
D. infinity

BXE
QUESTION NO.41

Q1 When all the inputs of a NAND gate are zero, the output of it is ___

A. High
B. Low
C. None

EXTRA BXE
QUESTION NO.42

Q2 A NOT gate has _____.

A. two inputs and one output
B. one input and one output
C. one input and two output
D. none of above

PPS
QUESTION NO.43

Q3 Where is function defined?

A. Module
B. Class
C. Another function
D. All of the mentioned

EXTRA PPS
QUESTION NO.44

Q4 What will be the output of the following Python code?

```
1. >>> str1 = 'hello'
2. >>> str2 = ','
3. >>> str3 = 'world'
4. >>> str1[-1:]
```

A. Olleh
B. Hello
C. H
D. o

EXTRA M-I
QUESTION NO.45

Q5 If $u = \sin^{-1}\left(\frac{x^2+y^2}{x+y}\right)$ is homogeneous function of degree .....

A. 1
B. $\frac{1}{2}$
C. 2
D. 0

EXTRA M-I
QUESTION NO.46

Q6 If $\phi(x,y,z) = 0$ then $\left(\frac{\partial x}{\partial y}\right)_z \left(\frac{\partial y}{\partial z}\right)_x \left(\frac{\partial z}{\partial x}\right)_y$ is equal to .....

A. 0
B. 1
C. −1
D. 2

EXTRA M-I QUESTION NO.47

With usual notations, the saddle Point present in function of two variable is .....

A. $rt - s^2 = 0$
B. $rt - s^2 > 0$
C. $rt - s^2 < 0$
D. None

EXTRA SME QUESTION NO.48

What was the initial price tag of TATA Nano

A. Rs. 500000
B. Rs.300000
C. Rs.150000
D. Rs.100000

EXTRA SME QUESTION NO.49

Actual power delivered by the engine is known as

A. Shaft power
B. Indicated power
C. Brake horse power
D. None of the above

EXTRA SME QUESTION NO.50

Engine pistons are generally made of Al alloy because _____

A. It is lighter
B. It is stronger
C. It has less wear
D. It absorbs shock

END

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune (Maharashtra)

Quiz Competition Answer Sheet

Department : First Year Engineering

Academic Year: 2021-22

Que No	Subject	Answer
Round-I		
1	M-I	D
2	M-I	C
3	M-I	B
4	M-I	C
5	Extra M-I	A
6	Extra M-I	B
7	SME	A
8	SME	B
9	SME	C
10	SME	D
11	Extra SME	C
12	Extra SME	C
Round-II		
13	Chem	B
14	Chem	C
15	Extra Chem	A
16	Extra Chem	D
17	Phy	B
18	Phy	D
19	Extra Phy	C
20	Extra Phy	C
21	BXE	A
22	BXE	A
23	Extra BXE	B
24	Extra BXE	A
25	PPS	A

Que. No	Subject	Answer
26	PPS	c
27	Extra PPS	A
28	Extra PPS	B
Round-III		
29	M-I	B
30	Extra M-I	D
31	SME	C
32	Extra SME	A
33	EM	D
34	Extra EM	B
35	PPS	C
36	Extra PPS	C
37	Chem	B
38	Extra Chem	D
39	Phy	C
40	Extra Phy	A
41	BXE	A
42	Extra BXE	B
43	PPS	D
44	Extra PPS	D
45	Extra M-I	D
46	Extra M-I	C
47	Extra M-I	C
48	Extra SME	D
49	Extra SME	C
50	Extra SME	A
End		

Shri Chhatrapati Shivajiraje College of Engineering
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Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune (Maharashtra)

Date : 24/03/2022

Department : First Year Engineering

ATTENDANCE DURING QUIZ COMPITITION (Div-A & B)

Sr. No.	Roll No.	Name of Student	Sign
1	FE21003	Andhalikar Akshada Yashwant	
2	FE21042	Gole Pradnya Laxman	
3	FE21030	Dhumal Shivanjali santosh	
4	FE21076	Mankar Priyanka Bharat	
5	FE21043	Gole Shruti Sunil	
6	FE21064	Khaarat Maheshwari.T	
7	FE21099	Salunkhe Prachi Balasaheb	
8	FE21090	Pawar Prajakta vilas	
9	FE21084	Mujumale Shravani Chintamani	
10	FE21089	Patil Preeti Maheveer	
11	FE21091	Arpita Sunil Phadtare	
12	FE21019	Bohkar sameer Bhahubali	
13	FE21027	Bhaigude Aditya Ganpat	
14	FE21075	Mangutkar Abhishek Sambhaji	
15	FE21114	Veer Sahil Nilesh	
16	FE21026	Deshmukh Adesh Hemant	
17	FE21106	Shingade Aniket Dagadu	
18	FE21047	Hoval Vijay Vikas	
19	FE21005	Shinde Omkar suresh	
20	FE21002	Ambike Atul Vilas	
21	FE21119	Shreyas C. Yadav	
22	FE21120	Shivam R. Yewale	
23	FE21071	Kedar D. Kumbhar	
24	FE21101	Sawant Omkar prasad	
25	FE21111	Thite Jayawant Dattatray	
26	FE21053	Jedhe Deepa Satish	
27	FE21060	Khalatkar Deepak Sampat	
28	FE21032	Dudhane Devang Dattatray	
29	FE21036	Gaikwad Sakshi Bhimaji	
30	FE21077	Maggaje Rutuja Rajendra	
31	FE21092	Pol Rutuja Rajaram	
32			
33			
34			

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Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune (Maharashtra)

Date : 24/03/2022

Department : First Year Engineering

ATTENDANCE DURING QUIZ COMPITITION (Div-A & B)

Sr. No.	Roll No.	Name of Student	Sign
1	FE21049	Jagdale Aniket C.	Jagdale.
2	FE21091	Gadekar Omkar D.	Gadekar
3	FE21088	Parthe Durgesh . B.	Parthe
4	FE21066	Kolapkar mangesh kakasaheb	Kolap
5	FE21016	Birdawade Rohit G.	Rohit.G.B.
6	FE21005	Bansode Niranjan. S.	Bans
7	FE21052	Jangid Rahaa Bihari	Bih
8	FE21081	Mohite Hrishikesh Shrinivas	Hmohite
9	FE21013	Bhoite Sanket Sanjay	SBhoite
10	FE21055	Karape Milind Nitin	MK
11	FE21061	Khamkar Vivek Suresh	V.Skhamkar
12	FE21118	Waghmare Sahil Kishor	Swaghmare
13	FE 21054	Kadam Sushant prataprao	sakadam
14	FE21076	Mahajan Kaushal Shamkant	KS
15	FE21046	Haral Apurva Sandip	Apurva.
16	FE21058	Kashid Vaishnavi Vilas	Kashid
17	FE21093	Popale Vaishnavi Pandurang	Vaishnavi
18	FE21112	Uppalwande Sneha Rajendra	Sneha.
19	FE21056	Karape Hikita Nitin	Hkarape
20	FE21034	Gaikwad Neha Ajay	AGaik
21	FE21025	Dere Ekata Santosh	Esdere.
22	FE21094	Raval Shraddha Baukim	Shraddha.
23	FE21121	Zambre Aditi Shivaji	Zambre
24	FE21098	Jalunkhe Anuja Ohgaji	Ajalunkhe
25	FE21082	More Ankita sudam	Amore
26	FE21035	Gaikwad Rachana Anil	Grachana
27			
28			
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34			

Shivajiraje College of Engineering ★ RD ★ Dhangawadi

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Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune (Maharashtra)

	Que. No	Subject	Marksheet for quiz competition	
			A	B
Buzzer Round	1	M-I	+5	-5
	2	M-I	+10	0
	3	M-I	-5	+5
	4	M-I	0	+10
	5	SME	+5	-5
	6	SME	0	+10
	7	SME	+5	-5
	8	SME	+5	-5
Compulsory Questions	9	Chem	0	0
	10	Chem	0	10
	11	Phy	10	0
	12	Phy	10	0
	13	BXE	0	10
	14	BXE	10	0
	15	EM	0	0
	16	PPS	0	0
Scholars Round	21	M-I	10	0
	22	SME	10	0
	23	EM	0	10
	24	PPS	0	0
	25	Chem	10	0
	26	Phy	0	10
	27	BXE	0	10
	28	PPS	0	10
	29	Other		
	30	Other		
Total Score			85	65

A B
25 05

A B
30 20

A B
30 40

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Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune (Maharashtra)

Quiz Competition

Department : First Year Engineering

Academic Year: 2021-22, (Sem-I)

Sr. No.	Result of Event	Div	Remark / Sign
1	Winner	DIV-A	
2	Runner Up	DIV-B	

Shri Chhatrapati Shivajiraje College of Engineering F E Dept RD

Prof. B. P. Tapare
Event Co-ordinator

Prof. J. G. Kale
HOD (FE)
Head of Department
First Year Engineering
Shri Chh. Shivajiraje College of Engg
Dhangawadi, Pune-412206

Shri Chhatrapati Shivajiraje College of Engineering F E Dept RD

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune

Department : First Year Engineering

REPORT OF QUIZ COMPETITION 2021-22 (Sem-I)

Date: - 24/03/2022

1. **Department:** First Year Engineering
2. **Day & Date:** Thursday, 24th March 2022
3. **Event Coordinator**: Prof. J. G. Kale
4. **Departmental Event Coordinator:** Prof. B. P. Tapare
5. **Designation:** Asst. Professor
6. **Subject:** All Subjects.
7. **Class**: First Year (Div A, B).
8. **Purpose:** Encourages team work

Objective:

The Main objective of the Quiz competition was to improve knowledge base of student and to know our guesswork and ability to crack questions through hints improves. With practicing quizzes, students can do critical thinking, and get into a habit of innovative learning. This will help students to perform and enables students to think from different angles or simply 'to think out of the box.

Description:

The "Quiz Competation-2021-22 (SEM-I)" was opened by Head of Department Prof. J. G. Kale in presence of faculty members and students. Total 3 rounds were conducted in Quiz Competition. 3 Rounds were held which included technical questions related to their subjects. There were four members in the jury committee. The final evaluation process was completed by jury members. Prof. R. B. Raut announced the winner of competition which is Div-A (FE).

Conclusion:

This competition has provided a platform to the budding engineers to showcase their knowledge and smart ideas to compete in Quiz competition. Improvement in student's confidence to face questions is seen during the quiz.

The following photographs show the sweet memories of this event.

Event Photos:

Prof. B. P. Tapare
Coordinator

Shri Chhatrapati Shivajiraje College of Engineering
F E
Dept

Prof. J. G. Kale
HOD (F.E.)
Head of Department
First Year Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

List of Workshop/Seminar

Sr. No	Subject	Date	No. of Participants
Department of Civil Engineering			
1	Seminar on "Functioning of Slip -Formwork Techniques"	17/11/2021	90
Department of Computer Engineering			
2	Workshop on " Python Programming"	20/12/2021 To 21/12/2021	82

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

Seminar On

"Functioning of Slip-Formwork Techniques"

(17th November 2021)

Organized By

Department of Civil Engineering

Savitribai Phule Pune University Pune, India

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University, Pune (ID. PU/PN/Engg./376/2009), DTE CODE: EN6324, AISHE CODE : C-41588

Since - 1972

Anantrao Thopte, Founder President, Ex. Edu. Minister | Sangram Thopte, M.L.A, Executive President | Dr. Bhagyashri Patil, Hon. Secretary | Dr. S. B. Patil, Principal

Ref. No. SCSCOE/ 2021 -22/

Date: 13th November 2021

PERMISSION LETTER

To,
The Principal,
Rajgad Dnyanpeeth's
Shri Chhatrapati College of Engineering
Dhangwadi, Pune

Subject: Permission for conducting Seminar on **"Functioning of Slip Formwork Techniques"**

Respected Sir,

We would like to conduct a Seminar on **"Functioning of Slip Formwork technique"** for students of an Institute through Civil Engineering department.

The main objective of the program is to provide the knowledge, innovative ideas & novelty to students regarding formwork techniques in Civil engineering field. The guest speakers will be

- Er. Subodh Potnis Manager, NABHA Power Ltd., Chandigarh

It gives us great pleasure to invite above personals as a guest speakers for above said Seminar. Kindly, allow us for the Seminar and sanction the remuneration amount of Rs. 3,000 /-

Thanking You.
Yours truly.

Event Coordinator

Prof. S. P. Salunkhe
Prof. S. S. Jadhav

HOD

Dr. S. S. Sayyed
Department of Civil Engineering
Head of Department
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Remark:

RajgadDnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

DEPARTMENT OF CIVIL ENGINEERING

Date: 15th Nov. 2021.

NOTICE

All Students of civil engineering department are hereby informed that, **Seminar on "Functioning of Slip-formwork Techniques" is arranged on 17th November 2021 at 11.00am**. Seminar will be conducted on online mode only and link to attend the session will be share to all very soon. All are request to attend the session without fail

Prof. S. P. Salunkhe & Prof. S. S. Jadhav
Event Coordinator

Dr. S. S. Sayyed
Head, Dept. of Civil Engineering

Head of Department
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Shri Chhatrapati Shivajiraje College of Engineering, Pune
Civil Engg. Deptt.

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

DEPARTMENT OF CIVIL ENGINEERING

Notice on Social Media **Date: 15th November 2021.**

Greetings to all.....!!
Join us in the Seminar on **"Functioning of Slip-Formwork techniques"**
By Er. Subodh Potnis (Manger, NABHA Power Ltd., Chandigarh) for Students.

Organized by Department of Civil Engg. Of Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune, Maharashtra.

On 17/11/2021 at 11.00am to 04. 00pm.

Link to register:
https://forms.gle/cXWBAUCiBQBZpdGy5

Stay Home! Stay Safe!

Faculty Coordinator:
Prof. S. P. Salunkhe (9860171442)
Prof. S. S. Jadhav (7249600103)

Head of the Department:
Prof. Dr. S. S. Sayyed

Principal:
Prof. Dr. Sanjay B. Patil

Website: www.rajgad.edu.in

Shri Chhatrapati Shivajiraje College of Engineering, Pune
Civil Engg. Deptt.

Rajgad Dnyanpeeth's
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Ref.: RD/SCSCOE/DA/2021-2022/218

Date: 13/10/2021

INVITATION LETTER

To,
Er. Subodh Potnis
Manager,
NABHA Power Ltd,
Chandigarh, Maharashtra, India

Subject: Invitation for conducting Seminar on **"Functioning of Slip Formwork Techniques"** on **17th November 2021 at 2.00 pm.**

Dear Sir,

Our department of Civil Engineering is going to organise seminar on **"Functioning of Slip Formwork Techniques"** on **17th November 2021, Wednesday** for students of in and outside the Institute.

Considering your expertise and experience in the same field, it gives us immense pleasure to invite you as a guest speaker for above said seminar.

Kindly, accept the invitation and acknowledge the same.

Thanking You.

Prof. S. P. Salunkhe & Prof. S. S. Jadhav
Seminar Coordinator

Prof. Dr. S. S. Sayyed
Head, Department of Civil Engineering

Prof. Dr. S. B. Patil
Principal
RD's SCSCOE Pune

Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's * Shri Chhatrapati Shivajiraje College of Engg. * DTE Code SPPU 4071 Dhangawadi Pune 412206

Gat No. 237, Pune Bangalore High-way, Dhangawadi, Tal. Bhor, Dist. - Pune, Pin - 412206, (M.S.), India
Telefax. : 02113-282456 / 556 / 656 Email : scscoe@gmail.com / principalscscoe@rajgad.edu.in Website : www.rajgad.org.in

Gmail

shital salunkhe <shitalpsalunkhe@gmail.com>

Invitation letter for seminar on ," Functioning of Slip-formwork Techniques"

2 messages

shital salunkhe <shitalpsalunkhe@gmail.com> Mon, Nov 15, 2021 at 1:17 PM
To: subodh8477@gmail.com

Respected sir,

Our department of Civil Engineering is going to organise a seminar on "Functioning of Slip Formwork Techniques" on 17 th November 2021. Wednesday for students of in and outside the Institute.
Considering your expertise and experience in the same field, it gives us immense pleasure to invite you as a guest speaker for the above said seminar.
Kindly, accept the invitation and acknowledge the same.
Thank You.
Regards,
Seminar Coordinator
Prof.Shital Salunkhe
SCSCOE,Dhangwadi.
(Mob.No.9860171442)

invitation letter.pdf
424K

Subodh Potnis <subodh8477@gmail.com> Mon, Nov 15, 2021 at 2:15 PM
To: shital salunkhe <shitalpsalunkhe@gmail.com>

Hello Ma'am

I am glad for the opportunity given by you for presentation of something new to students. I accept the invitation.

Regards

Subodh Potnis.
9561155549
[Quoted text hidden]

Sh. Chhatrapati Shivajiraje College of Engineering, Pune
Civil Engg. Deptt.

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.
Website: www.rajgad.edu.in, Email Id: scscoe@gmail.com

Date: 15/11/2021

DEPARTMENT OF CIVIL ENGINEERING

Seminar on "Functioning of Slip-Formwork Techniques"

Schedule of Course/ Program

Day-1: Tuesday 17/11/2021

SYLLABUS COVERAGE	
TIME	**TOPICS**
11:00 am-11:05 am	Introduction of Guest
11:05 am-12:00pm	➢ Introduction of Slip- Formwork ➢ Component of Slip-formwork
12.00 pm-1.30 pm	Lunch break
1.30 pm-3.00 pm	➢ Function of Slip-formwork ➢ Techniques of Slip-Formwork ➢ Practical Work related to Slip-formwork
3:00 pm-3:15 pm	Feedback link Practical Work related to Slip-formwork
3.15 pm-3.45 pm	Question and answer session
3:45pm – 4:00 pm	Vote of Thanks

- Name of Resource person: Er. S. S. Potnis, Manger, NABHA Power Ltd., Chandigarh, Punjab

Prof. S. P. Salunkhe & Prof. S. S. Jadhav
Seminar Coordinator

Prof. Dr. S. S. Sayyed
Head, Department of Civil Engineering

Shri Chhatrapati Shivajiraje College of Engineering, Pune
Civil Engg. Deptt.

Head of Department
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of Engg
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (MH)

DEPARTMENT OF CIVIL ENGINEERING

Seminar on "Functioning of Slip-Formwork Techniques"

Date: 18/11/2021

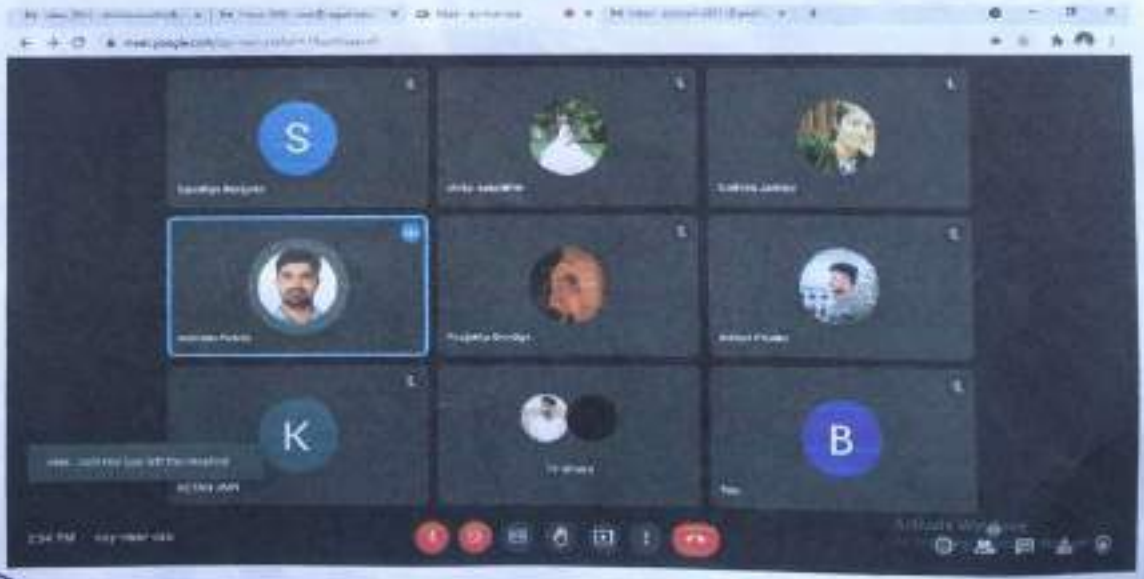
1. **Program type:** Seminar
2. **Event Name:** Functioning of Slip-Formwork techniques
3. **Attendees:** students from inside the institute
4. **Name and Designation of Resource Person:** Er. Subodh Potnis, Manager
5. **Company / Institute of Resource Person:** NABHA Power Ltd, Chandigarh , Punjab
6. **Event coordinator:** Prof. S. P. Salunkhe & Prof. S. S. Jadhav
7. **Date of Execution:**17/11/2021, Wednesday
8. **Duration of Event:** 11.00am-4.00pm
9. **Venue of event / Link:** https://meet.google.com/csy-rwxr-zxa
10. **Number of Participants:** 90
11. **Fee details:** Free
12. **Objectives:** The main objective of the program was to guide students about concept of Slip-formwork techniques .Also guided about How to design and installed slip-formwork for chimney industrial structure.
13. **Outcomes:** Slip Form is a construction method in which formwork are continuously rises vertically as a work process. It is a method of vertical construction of a reinforced concrete section. It is generally used to construct the core wall in building constriction and also the lift shafts, stair shafts, towers, etc.
14. **Description (program conduction details) / speaker topic explanation:**

Shri Chhatrapati Shivajiraje College of Engineering Pune
Civil Engg. Deptt.

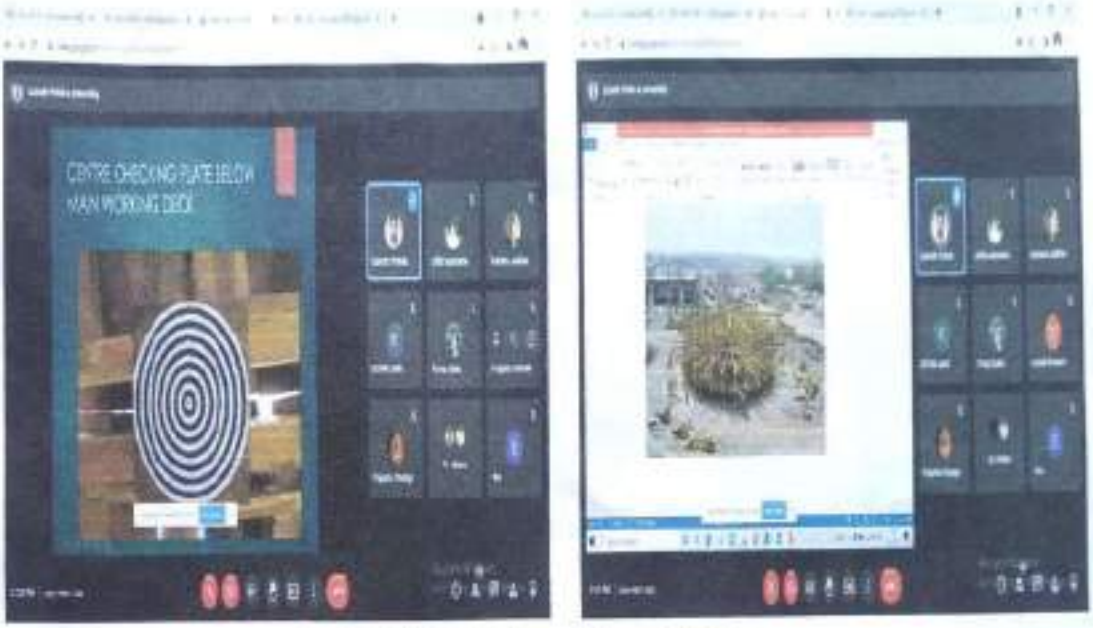
Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune has conducted a seminar of "Functioning on Slip-formwork technique" on 17th November 2021 for students of civil branches to give information about "Functioning on Slip-formwork technique". Slip Forming is a self-supported formwork system and it may need little help from a crane during construction. The slip form technique has three platforms. The top part of the formwork acts as the storage and distribution area whiles the middle platform, which is located at the top of the main concrete pouring area. The bottom platform of slip forming provides ease for finishing the work.

15.Conclusion: With innovative concepts that help in speedy construction work, there are substantial savings in cost in terms of wages and interest. This technique assures the quality control and Homogeneity of structure. There is no direct cost saving just because slip forming has been used. The slip-form technique has a wide scope of improvement. But it can be adapted for tall structures.

16. Photos with caption



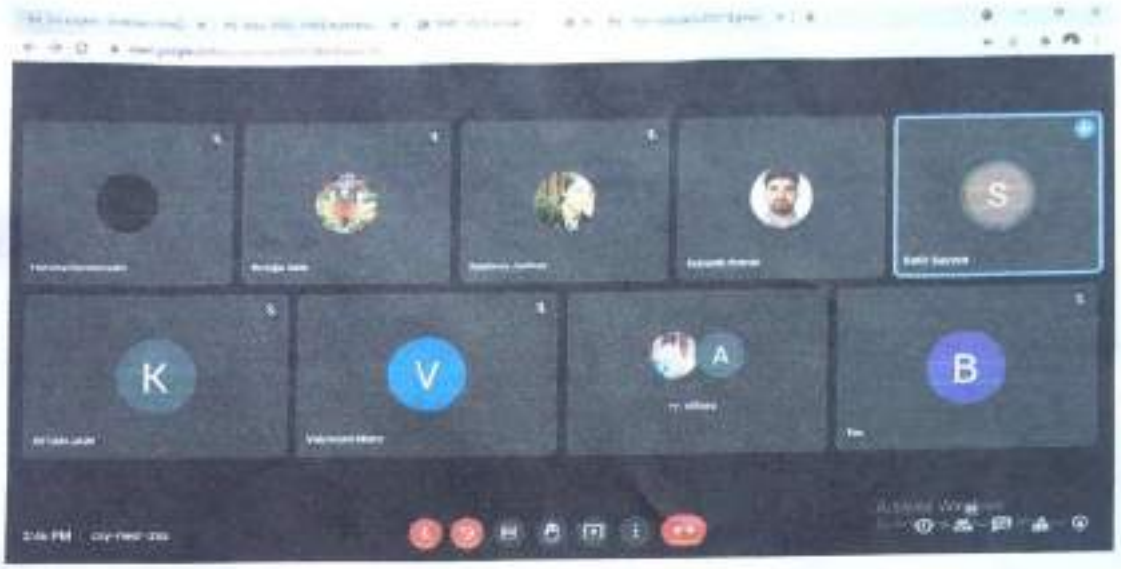
Introduction of Er. Sunil Potnis Sir given By Prof. S. P. Salunkhe



Er. Sunil Potnis Sir guiding students

Question and answers session between Er. Subodh Sir and Participaints

Shri Chhatrapati Shivajiraje College of Engineering, Pune
Civil Engg. Deptt.



Interaction session between Er. Subodh Sir & Dr. S. S. Sayyed sir

Vote of thanks given by Prof. S. S. Jadhav

Prof. S. P. Salunkhe & Prof. S. S. Jadhav
Coordinator

Prof. Dr. S. S. Sayyed
Head, Dept. of Civil Engg.

Prof. Dr. S. B. Patil
Principal,
RD's SCSCOE, Pune

Shri Chhatrapati Shivajiraje College of Engg. Civil Engg. Deptt.

Head of Department
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune, Maharashtra

presents

Seminar on "Functioning of Slip Formwork Techniques"

For Students

Er. Subodh Potnis
Manger,
NABHA Power Ltd,
Chandigarh

Faculty Coordinators :
Prof. S. P. Salunkhe
(9860171442)

Prof. S. S. Jadhav
(7249600103)

Join us for a discussion on:

- Introduction of Slip- Formwork
- Component of Slip-formwork
- Function of Slip-formwork
- Techniques of Slip-Formwork
- Practical Work related to Slip-formwork

Registration link: https://forms.gle/cXWBAUCiBQBZpdGy5

Date: 17th Nov. 2021, Wednesday Time: 11.00 am to 04 pm

Organized by: Department of Civil Engineering

Head of Department
Prof. Dr. S. S. Sayyed

Principal
Prof. Dr. Sanjay B. Patil

SCSCOE / ACAD /AE / 04

Gmail

shital salunkhe <shitalpsalunkhe@gmail.com>

Thanking letter for seminar on ," Functioning of Slip-formwork Techniques"

1 message

shital salunkhe <shitalpsalunkhe@gmail.com>
To: subodh8477@gmail.com

Wed, Nov 17, 2021 at 2:27 PM

Respected sir,

On behalf of the Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune, we wanted to express our deep gratitude to you for the conduction of the Seminar on the topic "Functioning on Slip-Formwork Techniques" on 17 November 2021. It was really informative and useful. Definitely, all the participants have
benefited from your talk.
We are very much thankful to you for making it convenient to be with us.
Once again, thank you for making the webinar successful, and we expect your continued support in the future also.

Regards,
Seminar Coordinator
Prof.Shital Salunkhe
SCSCOE, Dhangwadi.
(Mob.No.9860171442)

thanking letter.pdf
441K

Shri Chhatrapati Shivajiraje College of Engineering, Pune
Civil Engg. Deptt.

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University, Pune (ID. PU/PN/Engg./176/2009), DTE CODE: EN6124, AISHE CODE : C-41588

Since - 1972

Anantrao Thopte, Founder President, Ex. Edu. Minister | Sangram Thopte, M.L.A, Executive President | Dr. Bhagyashri Patil, Hon. Secretary | Dr. S. B. Patil, Principal

Ref.: RD/SCSCOE/DA/2021-2022/ 221

Date: 17/11/2021

APPRECIATION LETTER

To,

Er. Subodh Potnis,

NABHA Power Ltd,

Chandigarh, Punjab.

On behalf of the **Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune,** we wanted to express our deep gratitude to you for conduction of Seminar on the topic **"Functioning on Slip-Formwork Techniques"** on **17th November 2021**. It was really informative and useful. Definitely all the participants have benefited from your talk.

We are very much thankful to you for making it convenient to be with us.

Once again, thank you for making the webinar successful, and we expecting your continues support in future also.

Yours truly,

Prof. Dr. S. S. Sayyed

Head, Department of Civil Engineering

Prof. Dr. S. B. Patil

Principal

RD's SCSCOE Pune

Principal

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engg.

Dhangwadi, Pune-412206

RajgadDnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Samra-Pune, NH-4, Dhangawali, Tal: Bhor, Dist: Pune -412205 (MS), India.
Website: www.rajgad.edu.in, Email Id: sescoe@gmail.com

Budget for Activities

	Budget For Academic/ Non Academic Activity	Budget per Department	Total Budget of All Department
1	Guest Lecture (GL) (Academician / Industry Expert) 2- subject + 1-Tech +1- Non Tech =04 GL/ Sem./ Dept. (3000/- online, 5000/- offline for per GL)	12,000/- online 20,000/- offline	54,000/- online 90,000/- offline
2	Seminar (1Tech seminar /Sem / Dept.) (3000/- online, 5000/- offline per Seminar)	3000/- online, 5000/- offline	15000/- online 25000/- offline
3	Workshop (1 W/S /Sem / Dept.) Min 03/05 Days (9000/- online, 12000/- offline per w/s)	9000/- online, 12000/- offline	45000/- online 60000/- offline
4	Training programs for student (Technical / Non technical) (5 common activity / semester) (3000/- online, 5000/- offline per Training)	Common Activities	15000/- online 25000/- offline
5	Skill development program / Certificate course (1 course /sem / dept.) (50 % of total fees OR Rs. 20000/- which is less)	20000/- online 20000/- offline	20000/- online 20000/- offline
6	Cultural programs (Teachers day /Engineers day/ Dahihandi / Ganesh Ustav and Others)	Common Activities	50000/- offline
7	Training program for Teaching and non teaching staff like FDP / STTP (1No./year for teaching and 2No./ year for non teaching)	15000/- online 15000/- offline	60000/- online 60000/- offline
8	International Conference	Common Activity	50,000/- offline
9	Tech Fest (Quiz/ Paper presentation / Project competition / Robo race tec.)	Common Activities	100000/- offline (Sponsored)
10	Orientation Program / Fresher's party/ fair well	FE -5000/- Dept.-12000/-	17000/- offline
11	Common Activity: 1. Women empowerment 2. IPR	15000/- 5000/- 5000/-	

List Attendee

Sr. No.	Name of Participant(Surna	Email Id-	Mobile Number	College Name	City	State	Branch	Class
1	Bandgar Priya Abaso	priyabandgar2494@gmail.com	7666893013	RD'S SCSCOE, Dhar	Pune	Maharashtr	Civil	BE
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SPPU:4071
Dhangawadi
Pune
412205

Shri Chhatrapati Shivaji Jr. College of Engineering, Pune
Civil Engg. Dept.

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Rajgad Dnyanpeeth's
SHRI CHHATRAPATISHIVAJIRAJE COLLEGE OF ENGINEERING
Dhangwadi, Tal-Bhor, Dist. – Pune – 412206.

Department of Computer Engineering

Date- 16/12/2021

NOTICE

All B.E students are hereby informed that Computer Department has organized a Workshop on **"Python Programming"** on 20th of December 2021 to21st of December 2021 at 11:00 am to 1:00 pm and 2:00 pm to 4:00 pm.

Note:

1. Workshop will be offline
2. Amendance is mandatory to all
3. Workshop will start and end as per schedule time.

Prof. A. R. Nawadkar
Coordinator

Prof. B. D. Thorat
(H. O. D)
Head of Department
Dept. Computer Engineering
Shri Chh. Shivaji ... of Engg.
Dhangwadi ...206

Rajgad Dnyanpeeth's

SHRI CHHATRAPATISHIVAJIRAJE COLLEGE OF ENGINEERING

Dhangwadi, Tal-Bhor, Dist. – Pune – 412206.

INVITATION LETTER

Date- 16/12/2021

To

Mr. Dighambar Bodke

L & T, Pune.

Subject: Invitation for conducting Workshop on "Python Programming"

Respected sir,

This gives Department of Computer Department of SCSCOE, great pleasure to request you to conduct workshop on "Python Programming" for B. E students of SCSCOE in RDTC-SCSCOE, Dhangawadi.

We will be thankful to you if you can schedule on 20th of December 2021 to21stof December 2021.

Waiting for your positive reply.

Shri Chhatrapati Shivajiraje College of Engineering Computer Engineering Department Dhangwadi Pune

Prof. B. D. Thorat

(H. O. D)

Head of Department

Dept. Computer Engineering

Shri Chh. Shivajiraje College of Engg.

Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's
SHRI CHHATRAPATISHIVAJIRAJE COLLEGE OF ENGINEERING
Dhangwadi, Tal-Bhor, Dist. – Pune – 412206.

PERMISSIOM LETTER

Date- 16/12/2021

To,

The Principal,

RD's SCSCOE,

Dhangawadi, Bhor.

Subject: Regarding permission of Workshop on "Python Programming" & sanctioning of remuneration.

Respected sir,

Computer Dept. is going to conduct Workshop on **"Python Programming"** for B. E students. Mr. Dighambar Bodkehas been invited as a speaker for the lecture of Computer engineering student. The lecture will be held in his presence. He will deliver the lecture on following day and date.

Sr. No.	Day	Date	Subject	Class
1.	Wednesday to Thursday	20-12-2021 to 21-12-2021	Workshop on "Python Programming"	BE(Computer)

Kindly Sanction the remuneration of total amount Rs. 3000/-

Thanking you.

Prof. A. R. Nawadkar
Coordinator

Shri Chhatrapati Shivajiraje ... Computer Engineering Department ... Bhor Pune

Prof B. D. Thorat
(H. O. D)
Head of Department
Dept. Computer Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Remark

Rajgad Dnyanpeeth's
SHRI CHHATRAPATISHIVAJIRAJE COLLEGE OF ENGINEERING
Dhangwadi, Tal-Bhor, Dist. – Pune – 412206.

CONDUCTION LETTER

Date-16/12/2021

To

Mr. Dighambar Bodke

L & T, Pune.

We express our immense gratitude for having you at our college to conduct a fabulous Workshop on **"Python Programming"**. It was our pleasure for having a person like you at our institute. We take this opportunity to tell you this with pride that our student thoroughly enjoyed your entire sessions. We would like to know if you ever need our support.

Thank You so much.

Shri Chhatrapati Shivajiraje College of Engineering Computer Engineering Department

Prof. B. D. Thorat
(H. O. D)
Head of Department
Dept. Computer Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune 412206

Rajgad Dnyanpeeth's
SHRI CHHATRAPATISHIVAJIRAJE COLLEGE OF ENGINEERING
Dhangwadi, Tal-Bhor, Dist. – Pune – 412206.

REPORT OF WORKSHOPON "PYTHON PROGRAMMING"

TOPIC : **"WORKSHOPON PYTHON PROGRAMMING"**

DAY/ DATE : 20/12/2021 to 21-12-2021

DURATION OF EVENT : 11:00 am to 1:00 pm and 2:00 pm to 4:00 pm.

OBJECTIVE

1. Provide student a conceptual overview of Python Programming.
2. Understand and use essential technique of Python Programming.

SUMMARY

The guest lecture has started with Mr. Dighambar Bodke briefing the students about **"Python Programming"** and then provided the students with some free sources and sites from which they can get more information about the topic and probably can make something good out of it. Prof B. D. Thorat(Head of Department) welcome the Guest Mr. Dighambar Bodke.

The lecture covered the basic techniques that help students to build and apply prediction function with an emphasis on practical applications.

The course outcome of the guest lecture:

1. Familiarize the functional/operational aspects of "Python Programming".
2. Understand emerging abstract models for "Python Programming".

The guest shared information on the Python Programming Language and its scope. He described the difference between Python and other Programming Languages. He also explained the students on how to get started with Python and install it, define functions, library files available etc. The session was extremely interesting for the students and they got an opportunity to hear and learn from an industry stalwart. The session was concluded by thanking the dignitaries and honoring them with a Memento.

Prof. A. R. Nawadkar
Co-ordinator

Prof. B. D. Thorat
(H. O. D)
Head of Department
Dept. Computer Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-411206

Rajgad Dnyanpeeth's
SHRI CHHATRAPATISHIVAJIRAJE COLLEGE OF ENGINEERING
Dhangwadi, Tal-Bhor, Dist. – Pune – 412206.

Workshop on "Python Programming".

Student Feedback Form

Students are required to rate the course on the following attributes using the 4 -point scale shown.

Course: [tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Overall rating of the course content	✓			
2. Course objectives were clear		✓		
3. Clarity and relevance of textual reading material		✓		
4. The teacher was effective in communicating the content of the course		✓		
5. The teacher responded to questions in an informative, appropriate and satisfactory manner.		✓		
6. Do you have any suggestions for future workshops that you would like us to organize?	No			
7. Would you recommend this course to other students?	Yess			
Any Other Comments- Please, arrange this type guest lecture again.				

Thank you for participating, we appreciate your feedback!!!!!!!!

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

List of Guest Lecture/Webinar

Sr. No	Subject	Name of the Expert	Date	No. of Participants
Department of Civil Engineering				
1	Guest Lecture on " Design of Rectangular & Square Water Tank"	Prof. Abhijeet A. Galatage	27/11/2021	60
Department of Electronics & Tele Communication Engineering				
2	Webinar on "Current Industry Trends"	Mr. Sachin Mali	24/11/2021	138

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

Guest Lecture On

"Design of Rectangular & Square Water Tank"

(27th November 2021)

Organized By

Department of Civil Engineering

Savitribai Phule Pune University Pune, India

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University, Pune (ID. PU/PN/Engg./376/2009), DTE CODE: EN6324, AISHE CODE : C-41588

Since - 1972

Anantrao Thopte	Sangram Thopte	Dr. Bhagyashri Patil	Dr. S. B. Patil
Founder President, Ex. Edu. Minister	MLA, Executive President	Hon. Secretary	Principal

Ref. No. SCSCOE/ 2021 -22/ Date: 23rd November 2021

PERMISSION LETTER

To,
The Principal,
Rajgad Dnyanpeeth's
Shri Chhatrapati College of Engineering
Dhangwadi, Pune

Subject: Permission for conducting guest lecture on **"Design of Rectangular & Square water tank"**

Respected Sir,

We would like to conduct a Guest lecture on **"Design of Rectangular & Square water tank"** for students of an Institute through Civil Engineering department.

The main objective of the program is to provide the knowledge, innovative ideas& novelty to students regardingformwork techniques in Civil engineering field. The guest speakers will be

- Prof. Abhijeet A Galatage Assistant Professor , MIT College of Engineering., Pune

It gives us great pleasure to invite above personals as a guest speakers for above said guest lecture.Kindly, allow us for the Guest lecture and sanction the remuneration amount of Rs.2,000 /-

Thanking You,
Yours truly,

Event Coordinator
Prof. S. P. Salunkhe

Shri Chhatrapati Shivajiraje College of Engineering Civil Engg Dept

HOD
Dr. S. S. Sayyed
Department of Civil Engineering

Remark:

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

DEPARTMENT OF CIVIL ENGINEERING

Date: 24th Nov. 2021.

NOTICE

All Students of civil engineering department are hereby informed that, **Expert/Guest lecture on "Design of Square and Rectangular water tank" is arranged on 27th November 2021 at 11.00am**. Expert/Guest lecture will be conducted on online mode only and link to attend the session will be share to all very soon. All are request to attend the session without fail

Prof. S. P. Salunkhe
Event Coordinator

Dr. S. S. Sayyed
Head, Dept. of Civil Engineering

Shri Chhatrapati Shivajiraje College of Engineering and Technology
Civil Engg. Deptt.

Head of Department
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.
Website: www.rajgad.edu.in, Email Id: scscoe@gmail.com

Date: 25/11/2021

DEPARTMENT OF CIVIL ENGINEERING

Guest Lecture on "Design of Rectangular & Square Water Tank"

Schedule of Course/ Program

Day-1: Saturday 27/11/2021

SYLLABUS COVERAGE	
TIME	**TOPICS**
11:00 am-11:05 am	Introduction of Guest
11:05 am-02:00pm	➢ Design of Rectangular water tank ➢ Design of Square water tank ➢ Use of IS:3370-2009 Code for Design of water tank
1:45 pm-2:00 pm	Feedback link
1.30 pm-1.45 pm	Question and answer session
1:45pm – 2:00 pm	Vote of Thanks

- Name of Resource person: Prof. Abhijeet A. Galatage , Assistant Professor, MIT College of Engineering, Pune

Prof. S. P. Salunkhe
Event Coordinator

Prof. Dr. S. S. Sayyed
Head, Department of Civil Engineering

Shri Chhatrapati Shivajiraje College of Engineering Pune
Civil Engg. Deptt.

Head of Department
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412205

Gmail

shital salunkhe <shitalpsalunkhe@gmail.com>

Invitation letter for Guest Lecture on, " Design of Rectangular and Square Water Tank"

2 messages

shital salunkhe <shitalpsalunkhe@gmail.com> Wed, Nov 24, 2021 at 1:59 PM
To: abhijeet.galatage@mituniversity.edu.in

Respected sir,

Our department of Civil Engineering is going to organize a **Guest lecture on "Design of Rectangular and Square water tank" on 27th November 2021, Saturday at 11.00** am for students of in and outside the Institute.
Considering your expertise and experience in the same field, it gives us immense pleasure to invite you as a guest speaker for the above-said Guest lecture.

Kindly, accept the invitation and acknowledge the same.

Thank You
Regards,
Prof.Shital Salunkhe
SCSCOE,Dhangwadi.
(Mob.No.9860171442)

Invitation letter for guest lecture.pdf
356K

Abhijeet Galatage <abhijeet.galatage@mituniversity.edu.in> Wed, Nov 24, 2021 at 3:08 PM
To: shital salunkhe <shitalpsalunkhe@gmail.com>

Respected Madam,

Accepted. Thank you for your invitation.

Change in name of college: **MIT School of Engineering, MIT ADT University, Pune**

Best Regards,

Prof. Abhijeet A. Galatage | Assistant Professor
M.Tech. Structure (VJTI), Pursuing Ph.D.

D.Civil Engineering
U.MIT-ADT University, Pune
A. Rajbaug, Loni Kalbhor, Pune 412201

P. PG co-ordinator
I. MIT School of Engineering

M.+919021434900/8805019108 E. abhijeet.galatage14@gmail.com
A. Flat No. 201, B4 building, P S Villa Society, Manjri, Pune 412307

Sinhgad College of Engineering Pune — Civil Engg. Dept.

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra and Affiliated to Savaribai Phule Pune University, Pune (ID. PU/PN/Engg./376/2009), DTE CODE: EN6324, AISHE CODE : C-41588
Since - 1972

Anantrao Thopte, Founder President, Ex. Edu. Minister | Sangram Thopte, M.L.A, Executive President | Dr. Bhagyashri Patil, Hon. Secretary | Dr. S. B. Patil, Principal

Ref: RD/SCSCOE/DA/2021-2022/ 213 Date: 23/11/2021

INVITATION LETTER

To
Prof. Abhijeet A Gulatage
Assistant Professor,
MIT College of Engineering,
Pune, Maharashtra, India

Subject: Invitation for conducting Guest lecture on **"Design of Rectangular & Square water tank"** on **27th November 2021 at 11.00am.**

Dear Sir,

Our department of Civil Engineering is going to organise guest lecture on **"Design of Rectangular & Square water tank"** on **27th November2021, Saturday** for students of in and outside the Institute.

Considering your expertise and experience in the same field, it gives us immense pleasure to invite you as a guest speaker for above said guest lecture.

Kindly accept the invitation and acknowledge the same.

Thanking You.

Prof. S. P. Salunkhe
Coordinator

Prof. Dr. S. S. Sayyed
Head, Department of Civil Engineering

Prof. Dr. S. B. Patil
Principal
RD's SCSCOE Pune

Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Gat No. 237, Pune Bangalore High-way, Dhangawadi, Tal. Bhor, Dist. - Pune, Pin - 412206, (M.S.), India
Tel/Fax. : 02113-282456 / 556 / 656 E.mail : scsecoe@gmail.com / principal@rajgad.edu.in Website : www.rajgad.edu.in

Resume

Prof. Abhijeet A. Galatage

Assistant Professor
MIT School of Engineering
MIT ADT University

PUBLICATIONS :

- **8** Articles in internationally peer-reviewed scientific journals.
- **6** Articles in internationally peer-reviewed scientific journals.
- **3** Articles presented at international conferences

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- Filed 3 Copyrights viz. concrete canvas, light weight aggregate etc.

AREA OF EXPERTISE :

- **Structural and Earthquake Engineering**
- **Low Cost Housing**

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (MH)

DEPARTMENT OF CIVIL ENGINEERING

Guest Lecture on "Design of Rectangular and Square Water tank"

Date: 27/11/2021

1. **Program type:** Guest lecture
2. **Event Name:** Design of Rectangular & Square water tank
3. **Attendees:** students from inside & Outside of the institute
4. **Name and Designation of Resource Person:** Prof. Abhijeet A. Galatage, Assistant Professor
5. **Company / Institute of Resource Person:** M.I.T College of Engineering, Pune
6. **Event coordinator:** Prof. S. P. Salunkhe
7. **Date of Execution:**27/11/2021, Saturday
8. **Duration of Event:** 11.00am-2.00pm
9. **Venue of event / Link:**
   https://zoom.us/meeting/register/tJUlcuivrjgiE9R6Vz20NJ-_2UOKcqsQpqI0
10. **Number of Participants:** 60
11. **Fee details:** Free
12. **Objectives:** The main objective of the program was to guide students about concept of Rectangular and Square water tank .Also guided about How to design of Square and rectangular water resting on ground by using IS:3370-2009
13. **Outcomes:** Tanks resting on ground are normally circular or rectangular in shape and are used where large quantity of water need to stored. Water tank parameters include the general design of the tank, and choice of construction materials and linings
14. **Description (program conduction details) / speaker topic explanation:**

Civil Engg. Deptt.

Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune has conducted a Guest lecture on "Design of Rectangular & Square water tank" on 27th November 2021 for students of civil branches to give information about "Design of Rectangular & Square water tank". Storage Reservoirs and Over Head Tanks are used to store water, liquid petroleum & similar liquids. The force analysis of the reservoirs or tanks is about the same irrespective of the chemical nature of the product. The tanks may have circular or rectangular section. Tanks resting on ground & Underground may have flat bottom slab, while Elevated ones may have flat or conical bottom

15.Conclusion: From the guest lecture we studied design requirement plays vital role in the safe and economical design of various shapes of water tank resting on ground which gives idea about accurate and convenient method to optimization of tanks.

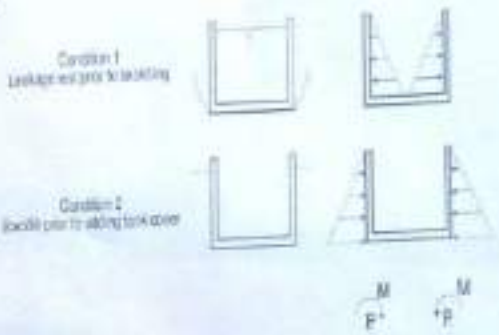
16. Photos with caption

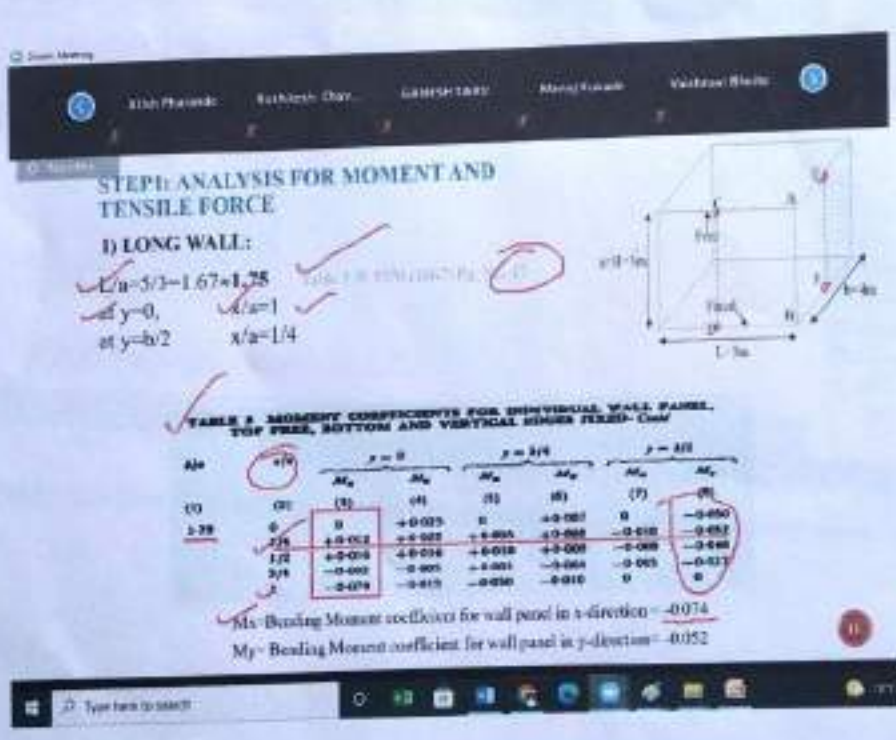
Introduction of Prof. Abhijeet Galatage Sir given By Prof. S. S. Jadhav

Shri Chhatrapati Shivajiraje College of Engineering Bhor
Civil Engg. Deptt.

THEORETICAL CONTENT

- Moments are caused in two directions of the wall ie., both in horizontal as well as in vertical direction
- Exact analysis is difficult and are designed by approximate methods.
- When the length of the wall is more in comparison to its height, the moments will





STEP I: ANALYSIS FOR MOMENT AND TENSILE FORCE

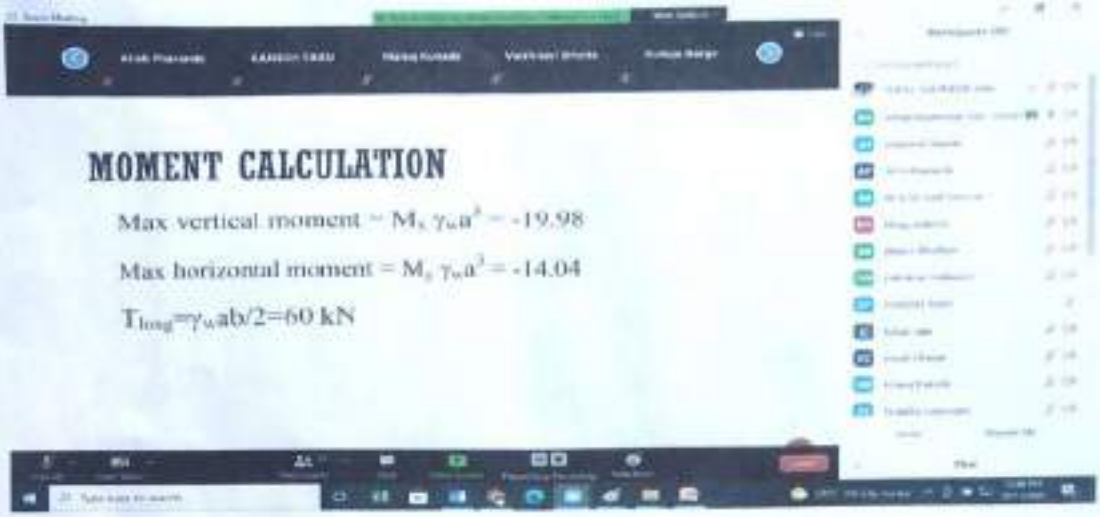
I) LONG WALL:

L/a=5/3=1.67≈1.75
at y=0, x/a=1
at y=b/2 x/a=1/4

TABLE 3 MOMENT COEFFICIENTS FOR INDIVIDUAL WALL PANEL, TOP FREE, BOTTOM AND VERTICAL EDGES FIXED- Cont'd

		y = 0		y = b/4		y = b/2	
		M_x	M_y	M_x	M_y	M_x	M_y
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.75	0	0	+0.025	0	+0.007	0	−0.050
	1/4	+0.012	+0.022	+0.005	+0.006	−0.010	−0.052
	1/2	+0.016	+0.016	+0.010	+0.005	−0.008	−0.046
	3/4	−0.002	−0.005	−0.001	−0.004	−0.005	−0.033
	1	−0.074	−0.015	−0.050	−0.010	0	0

M_x- Bending Moment coefficient for wall panel in x-direction = -0.074
M_y- Bending Moment coefficient for wall panel in y-direction = -0.052



Prof. Abhijeet A. Gaaltage sir was explained design of rectagular water tank

Prof. S. P. Salunkhe
Coordinator

Prof. Dr. S. S. Sayyed
Head, Dept. of Civil Engg.

Head of Department
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Prof. Dr. S. B. Patil
Principal,
RD's SCSCOE, Pune

Shri Chhatrapati Shivajiraje College of Engineering Civil Engg. Dept.

Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Shri Chhatrapati Shivajiraje College of Engineering Dhangawadi Pune 412206

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune, Maharashtra

presents

Guest Lecture on "Design of Square & Rectangular Water Tank"

For Students

Speaker:
Prof. Abhijeet Galatage
Assistant Professor,
MIT College of Engg., Pune

Faculty Coordinators :
Prof. S. P. Salunkhe
(9860171442)

Join us for a discussion on:

- Design of Rectangular Water tank
- Design of Square Water tank
- Use of IS:3370-2009 Code for Design of water tank

Registration link: https://forms.gle/TiUWsydmrrbYprWL7

Zoom link:
https://zoom.us/meeting/register/tJUlcuivrjgiE9R6Vz20NJ-2UOKcqsQpql0

Date: 27th Nov. 2021, Saturday Time: 11.00 am to 02.00 pm

Organized by: Department of Civil Engineering

Head of Department
Prof. Dr. S. S. Sayyed

Principal
Prof. Dr. Sanjay B. Patil

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University, Pune (ID. PU/PN/Engg./376/2009), DTE CODE: EN6324, AISHE CODE : C-41588

Anantrao Thopte, Founder President, Ex. Edu. Minister | Sangram Thopte, M.L.A. Executive President | Dr. Bhagyashri Patil, Hon. Secretary | Dr. S. B. Patil, Principal

Ref.: RD/SCSCOE/DA/2021-2022/ 229

Date: 27/11/2021

APPRECIATION LETTER

To,

Prof. Abhijeet A. Galatage,

Assistant Professor,

MIT College of Engineering,

Pune.

On behalf of the **Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune**, we wanted to express our deep gratitude to you for conduction of Guest lecture on the topic **"Design of Rectangular and Square water tank"** on **27th November 2021**. It was really informative and useful. Definitely all the participants have benefited from your talk.

We are very much thankful to you for making it convenient to be with us.

Once again, thank you for making the guest lecture successful, and we expecting your continues support in future also.

Your's truly,

Prof. Dr. S. S. Sayyed
Head, Department of Civil Engineering

Prof. Dr. S. B. Patil
Principal
RD's SCSCOE, Pune

Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engg. DTE 6324 SPPU 4071 Dhangawadi Pune 412206

Gat No. 237, Pune Bangalore High-way, Dhangawadi, Tal. Bhor, Dist. - Pune. Pin - 412206. (M.S.), India
Telefax. : 02113-282456 / 556 / 656 Email : scscoe@gmail.com / principal@rajgad.edu.in Website : www.rajgad.org.in

List of Attender for Guest lecture on Rectangular & Square water tank

Sr. No	Timestamp	Username	RDPS SCSC	Name of Participant(Surname	Email Id-	Mobile Number	College Name	City	Branch	Class
1	2021/11/24 3:44:39 PM	dattadhobe1997@gmail.com		Dhobe Datta Parshuram	dattadhobe1997@gmail.com	7028724245	Scooe	Pune	Civil	BE
2	2021/11/24 4:00:14 PM	siddharthkudale81@gmail.com		Kudale siddharth chandrakant	siddharthkudale81@gmail.co	8208221883	Apcoer pune	Pune	Civil	BE
3	2021/11/24 4:00:31 PM	adnankhan20598@gmail.com		Adnan Khan	adnankhan20598@gmail.com	9 199240 +11	Apcoer	Pune	Civil	BE
4	2021/11/24 4:01:25 PM	akashkudale7113@gmail.com		Kudale Akash Gajanan	akashkudale7113@gmail.com	2420	APCOER Pune	Pune	Civil	BE
5	2021/11/24 4:46:50 PM	rb3bhise2000@gmail.com		Bhise Rutika Vikram	rb3bhise2000@gmail.com	9370051874	APCOER	PUNE	Civil	BE
6	2021/11/24 4:47:01 PM	sanketpanalkar100@gmail.com		Panalkar Prabhakar Sanket	sanketpanalkar100@gmail.co	9129382016	Anantrao Pawar Co	Pune	Civil	BE
7	2021/11/24 5:06:23 PM	kolekarpravin039@gmail.com		Kolekar Pravin Dhulappa	kolekarpravin039@gmail.com	8830880768	Anantrao Pawar Co	Pune	Civil	BE
8	2021/11/24 5:11:47 PM	rohitdhole007@gmail.com	Your answe	Dhole Rohit Chandan	rohitdhole007@gmail.com	9604682425	APCOER Pune	Pune	Civil	BE
9	2021/11/24 5:11:49 PM	sanikaubhe138@gmail.com		Sanika Ubhe	sanikaubhe138@gmail.com	8459707278	Anantrao Pawar co	PUNE	Civil	BE
10	2021/11/24 5:22:39 PM	vipgajanan1997@gmail.com	RD	Ingle Gajanan	Vipgajanan1997@gmail.com	7020657177	APCOER Pune	Pune	Civil	BE
11	2021/11/24 5:26:15 PM	ronnykamble7@gmail.com		Kamble Rohan Dattu	ronnykamble7@gmail.com	7030293588	Anantrao pawar col	Pune	Civil	BE
12	2021/11/24 5:26:17 PM	ayushayalanwar@gmail.com		Ayalanwar Ayush Anil	Ayushayalanwar@gmail.com	9370090871	Anantrao pawar Co	Pune	Civil	BE
13	2021/11/24 5:29:01 PM	gandasrutuja1234@gmail.com		Gandas Rutuja Rajendra	gandasrutuja1234@gmail.co	9767716408	APCOERPUNE	Pune	Civil	BE
14	2021/11/24 5:29:56 PM	moreamy95@gmail.com		Amit Bapu More	moreamy95@gmail.com	9604143350	Anantrao pawar col	pune	Civil	BE
15	2021/11/24 5:39:15 PM	sidheshwarnandkar3200@gmail.com		Nandkar Sidheshvar Dilip	sidheshwarnandkar3200@gm	9172479813	Anantrao Pawar Co	PUNE	Civil	BE
16	2021/11/24 5:49:08 PM	ravinarc011099@gmail.com		Chavan Raveena Krishna	ravinarc011099@gmail.com	7040779413	Anantrao Pawar co	Pune	Civil	BE
17	2021/11/24 5:55:53 PM	bhangetaniksha5790@gmail.com		Bhange taniksha Dadasaheb	bhangetaniksha5790@gmail.	7620086808	Anatrav pawar coll	Pune	Civil	BE
18	2021/11/24 6:02:20 PM	poojagavate1234@gmail.com		Gavate Pooja Dnyaneshwar	poojagavate1234@gmail.com	9146979292	APCOER Pune	Pune	Civil	BE
19	2021/11/24 6:05:23 PM	ganesh922000@gmail.com		Mahajan ganesh Dagadu	ganesh922000@gmail.com	9156887957	Anantrao Pawar Co	Pune	Civil	BE
20	2021/11/24 6:21:29 PM	Suyoglokhande3@gmail.com		Lokhande suyog uttam	Suyoglokhande3@gmail.com	7745041365	Anantrao pawar col	Pune	Civil	BE
21	2021/11/24 6:39:16 PM	minapokharkar19@gmail.com		Pokharka Mina Laxman	minapokharkar19@gmail.com	9011718193	APCOER	PUNE	Civil	BE
22	2021/11/24 6:41:17 PM	aa797114@gmail.com		Mohammed Adnan Ahmed	aa797114@gmail.com	8149674345 9	Anantrao Pawar Co	Beed	Civil	BE
23	2021/11/24 7:11:09 PM	swetaghogare393@gmail.com		Ghogare Shweta Sunil	swetaghogare393@gmail.com	9657331006	Anantrao Pawar Co	Pune	Civil	BE
24	2021/11/24 7:17:36 PM	rushiraut01999@gmail.com		Raut Rushikesh Bhalchandra	rushiraut01999@gmail.com	7058232103	APCOER	Pune	Civil	BE
25	2021/11/24 7:57:22 PM	1999gauravkadam@gmail.com		Gaurav Kadam	1999gauravkadam@gmail.co	9767227261	APCOER	Pune	Civil	BE
26	2021/11/24 8:40:22 PM	shubham.gambhire711@gmail.com		Gambhire Shubham	Shubham.gambhire711@gma	9423419589	APCOER, PUNE	Pune	Civil	BE
27	2021/11/24 8:53:02 PM	vaishnavikachhave1@gmail.com		Kachhave vaishnavi chandrashek	vaishnavikachhave1@gmail.c	9623919228	Aanatrao pawar col	Pune	Civil	BE
28	2021/11/24 9:00:23 PM	umeshakm1234@gmail.com		AKIM UMESH SAYAPPA	umeshakm1234@gmail.com	9518969832	Anantrao pawar col	PUNE	Civil	BE
29	2021/11/24 9:30:08 PM	abhishekjadhav3339@gmail.com		Jadhav Abhishek Sanjivan	abhishekjadhav3339@gmail.	8788734186	Apcoer	Pune	Civil	BE
30	2021/11/24 9:55:04 PM	rohinee467@gmail.com		Nagarpoje Rohini dnyandeo	rohinee467@gmail.com	9637569344	Apcoer	Pune	Civil	BE
31	2021/11/24 10:03:44 PM	nikhilveer@gmail.com		VEER NIKHIL ANANDARO	nikhilaveer@gmail.com	8888927290	APCOER	Bhor Pune	Civil	BE
32	2021/11/24 10:09:18 PM	akramshaikh3777@gmail.c-		Shaikh Akramahamad kasim	akramshaikh3777@gmail.com	7798147032	Anantrao pawar col	Pune	Civil	BE
33	2021/11/24 10:48:14 PM	anjaligaikwad9323@gmail.com		Gaicwad Anjali Bhausaheb	anjaligaikwad9323@gmail.c	9146232089	9146232089	Pune	Civil	BE
34	2021/11/24 11:01:57 PM	vaibhavgurunathadu2000@gmail.com		Mathada vaibhavguru jaivindar	vaibhavgurunathadu2000@gma	7666431360	Apcoer	Pune	Civil	BE
35	2021/11/24 11:12:11 PM	akshaybagal306@gmail.com		Bagal Akshaykumar popat	akshaybagal306@gmail.com	8007923141	Anantrao pawar col	Pune	Civil	BE
36	2021/11/24 11:41:31 PM	rohanrajput2000@icloud.com		Rajput Rohan Sanjaysing	Rajputrajput5533@gmail.com	9011245533	Apcoer	Pune	Civil	BE
37	2021/11/24 11:45:23 PM	ghutedamini97@gmail.com		Ghute Damini Vinayak	ghutedamini97@gmail.com	7058470797	ABMSPS Anantra	Pune	Civil	BE
38	2021/11/25 10:35:43 AM	gandhikp99@gmail.com		Gandhi Kshitij Prakash	gandhikp99@gmail.com	8237789408	Anantrao Pawar Co	Pune	Civil	BE

39	2021/11/25 10:51:19 A	ketankharat2000@gmail.com		Kharat ketan Devidas	Ketankharat2000@gmail.com	7757815353	Apcoer	Pune	Civil	BE
40	2021/11/25 11:12:53 A	vasaveumesh34@gmail.com		Vasuve Umesh Ramesh	vasaveumesh34@gmail.com	9075944356	APCOER PUNE	Pune	Civil	BE
41	2021/11/26 5:21:56 P	rushikeshchavare82@gmail.com		Chavare Rushikesh Ruhan	rushikeshchavare82@gmail.c	9561567356	Shri Chhatrapati Sh	Pune	Civil	BE
42	2021/11/26 5:23:16 P	rutujabarge2019@gmail.com		Barge Rutuja Nandkumar	rutujabarge2019@gmail.com	7756970717	Shri shivajirtaje coll	Satara	Civil	BE
43	2021/11/26 5:28:05 P	Navanathkhatavkar123@gmail.com		Navnath dattatrey khatavkar	Navanathkhatavkar123@gma	9503800644	Shree Chatrapati sh	Pune	Civil	BE
44	2021/11/26 5:28:53 P	akshayingavale691@gmail.com		Ingavale Akshay Dattatray	akshayingavale691@gmail.co	9552636598	RIT	karad	Civil	BE
45	2021/11/26 5:29:33 P	prajaktasarkale310@gmail.com		sarkule prajakta sarkale	prajaktasarkale310@gmail.co	9075481685	RITC	satara	Civil	BE
46	2021/11/26 5:40:38 P	chavankunalb@gmail.com	SCSCOE	chavan Kunal Balasaheb	chavankunalb@gmail.com	7447608749	SCSCOE	Pune	Civil	BE
47	2021/11/26 5:45:29 P	prajkatasonawane353@gma	SCSCOE	Sonawane Prajakta Sandesh	prajkatasonawane353@gmail	9763386213	Scscoe,pune	Pune	Civil	BE
48	2021/11/26 5:50:13 P	bhagyashrimalusare25@gmail.com		Malusare Bhagyashri Vikas	bhagyashrimalusare25@gma	9767320431	RDTC	Pune	Civil	BE
49	2021/11/26 7:08:58 P	payalmohite5633@gmail.co	Yes	Mohite Payal Suresh	payalmohite5633@gmail.com	9145667435	RDTC	Pune	Civil	BE
50	2021/11/26 7:35:03 P	yogitakokare2711@gmail.c	Yes	Kokare Yogita Rajendra	yogitakokare2711@gmail.co	7219527047	Shri Chhatrapati Sh	Pune	Civil	BE
51	2021/11/26 9:04:37 P	nileshshelar1142000@gmai	SC	Shelar Nilesh Dattatray	nileshshelar1142000@gmail.	7057650272	Rajgad Dnyanpith	Saswad	Civil	BE
52	2021/11/26 9:19:38 P	jagtapvinayc@gmail.com		Jagtap Vinay Chandrakant	jagtapvinayc@gmail.com	9136071538	Scscoe	Pune	Civil	BE
53	2021/11/27 10:21:58 A	swapnil191121@gmail.com		Pardeshi Swapnil Rajendra	swapnil191121@gmail.com	9763797648	Rajgad Dyanpeeth	Karmala	Civil	BE
54	2021/11/27 10:22:59 A	vaibhavlokhande529@gmai	R	Lokhande Vaibhav Dilip	vaibhavlokhande529@gmail.	8605859262	Shri Chhatrapati Sh	Pune	Civil	BE
55	2021/11/27 10:34:58 A	kulkarni.rohit14@gmail.com		Kulkarni Rohit Ramakantrao	Kulkarni.rohit14@gmail.com	9822729444	RDS SCSCOE	Pune	Civil	BE
56	2021/11/27 10:35:14 A	manojkjkade01@gmail.com	Yes	Kukade Manoj Arvind	Manojkjkade01@gmail.com	8657835149	Rajgad Dnyanpeeth	Pune	Civil	BE
57	2021/11/27 10:42:01 A	omkarkorade1999@gmail.com		Korade omkar Tanaji	omkarkorade1999@gmail.co	7249358850	Shree chhatrapati sh	Pune	Civil	BE
58	2021/11/27 10:47:37 A	Akanksha86058@gmail.com		Mane Akanksha Anant	akanskha86058@gmail.com	8262986984	Rajgad dynpith	Pune	Civil	BE
59	2021/11/27 11:04:06 A	sonalithorave5073@gmail.c	SCSCOE	Thorave Sonali Mahadev	sonalithorave5073@gmail.co	9822571542	SCSCOE	Wai	Civil	BE
60	2021/11/27 12:29:46 P	aniketaphalke007@gmail.com		Phalke Aniket Anandrao	aniketaphalke007@gmail.cor	9503387139	Shri Chhatrapati Sh	Satara	Civil	BE

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.
Website: www.rajgad.edu.in, Email Id: scsoe@gmail.com

Budget for Activities

	Budget For Academic/ Non Academic Activity	Budget per Department	Total Budget of All Departments
1	Guest Lecture (GL) (Academician / Industry Expert) 2- subject + 1-Tech + 1- Non Tech =04 GL/ Sem./ Dept. (3000/- online, 5000/- offline for per GL)	12,000/- online 20,000/- offline	54,000/- online 90,000/- offline
2	Seminar (1Tech seminar /Sem / Dept.) (3000/- online, 5000/- offline per Seminar)	3000/- online, 5000/- offline	15000/- online 25000/- offline
3	Workshop (1 W/S /Sem / Dept.) Min 03/05 Days (9000/- online, 12000/- offline per w/s)	9000/- online, 12000/- offline	45000/- online 60000/- offline
4	Training programs for student (Technical / Non technical) (5 common activity / semester) (3000/- online, 5000/- offline per Training)	Common Activities	15000/- online 25000/- offline
5	Skill development program / Certificate course (1 course /sem / dept.) (50 % of total fees OR Rs. 20000/- which is less)	20000/- online 20000/- offline	20000/- online 20000/- offline
6	Cultural programs (Teachers day /Engineers day/ Dahihandi / Ganesh Ustav and Others)	Common Activities	50000/- offline
7	Training program for Teaching and non teaching staff like FDP / STTP (1No./year for teaching and 2No./ year for non teaching)	15000/- online 15000/- offline	60000/- online 60000/- offline
8	International Conference	Common Activity	50,000/- offline
9	Tech Fest (Quiz/ Paper presentation / Project competition / Robo race tec.)	Common Activities	100000/- offline (Sponsored)
10	Orientation Program / Fresher's party/ fair well	FE -5000/- Dept.-12000/-	17000/- offline
11	Common Activity: 1. Women empowerment 2. IPR	15000/- 5000/- 3000/-	

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

Webinar On

"CURRENT INDUSTRY TRENDS"

(24th November 2021)

Organized By

Department of Electronics and Telecommunication Engineering

In association with

Savitribai Phule Pune University
Pune, India

RajgadDnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS).
Website: www.rajgad.edu.in, Email Id: scscoe@gmail.com

Ref. No. SCSCOE/ 2021 -22/

Date: 23/11/2021

PERMISSION LETTER

To,
The Principal,
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Dhangwadi, Pune

Subject: Permission for conducting Webinar of **"Current Industry Trends"**

Respected Sir,

We would like to conduct a webinar on **"Current Industry Trends"** for faculties and students of our Institute on **24th Nov 2021**, by Electronics and Telecommunication Engineering department.

The main objective of the program is to guide faculties and students about new trends arise in industry every year. It is important for professionals to be familiar with these different trends to improve professional standing and can help one to understand what the potential upgrades are for the industry.

The guest speaker will be **Mr. Sachin Mali,** Programme Delivery Manager having 16+ IT industry experience from Tata Consultancy Services, United Kingdom. He has completed **BE E & TC** from **Dr. Babasaheb Ambedkar marathwada University, Aurangabad**

It gives us great pleasure to invite him as a guest speaker for above said lecture.Kindly, allow us for the webinar and sanction the remuneration amount of Rs. 3000/-

Thanking You.
Yours truly.

Prof. P. S. Gham	Prof. R. S. Nipanikar	Prof. T. M. Dudhane
Event Co-Coordinator	**Event Coordinator**	**HOD E&TC**

Remark:

R.D.'s Shri Chhatrapati Shivajiraje College of Engineering, Pune
E&TC Engg. Deptt.

RajgadDnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.
Website: www.rajgad.edu.in, Email Id: scscoe@gmail.com

Ref.: RD/SCSCOE/DA/2021-2022/ 04 **Date: 23/11/2021**

INVITATION LETTER

To,
Mr. Sachin Mali
Program Delivery Manager
Tata Consultancy Services,
United Kingdom.

Subject: Invitation for conducting webinar on **"Current Industry Trends"** on 24th Nov 2021.

Dear Sir,

Our department of Electronics and Telecommunication is going to organise a Webinar on**"Current Industry Trends"** on **24thNov 2021** from 11.00 am to 12.30pmfor faculties and students of the Institute.

Considering your expertise and experience in the same field, it gives us immense pleasure to invite you as a guest speaker for above said webinar.

Kindly, accept the invitation and acknowledge the same.

Thanking You.

Yours truly,

Prof. P. S. Gham	Prof. R. S. Nipanikar	Prof. T. M. Dudhane	Prof. Dr. S. B. Patil
Event Co-Coordinator	**Event Coordinator**	**Head of Department**	**Principal**
		Dept. of E&TC Engineering	Rajgad Dnyanpeeth's
		Shri Chh. Shivajiraje College of Engg.	Shri Chhatrapati Shivajiraje College of Engg.
		Dhangawadi, Pune-412205	Dhangawadi, Pune-412206

Shri Chhatrapati Shivajiraje College of Engineering
E&TC Engg. Deptt.

Gmail Rohini Nipanikar<rsnipanikar@gmail.com>

Invitation for Webinar of "CURRENT INDUSTRY TRENDS"

3 messages

Rohini Nipanikar<rsnipanikar@gmail.com> Tue Nov 23, 2021 at 12:28 PM
To: sachin.mali1978@gmail.com

Dear Sir,

Our department of **Electronics and Telecommunication** is going to organise a Webinar on **"CURRENT INDUSTRY TRENDS"** on **24th Nov 2021**for faculties and students of the Institute.

Considering your expertise and experience in the same field, it gives us immense pleasure to invite you as a guest speaker for above said webinar. Attached is the invitation letter and brochure.

Kindly, accept the invitation and acknowledge the same.

Thanking You.

Regards,
Prof. R. S. Nipanikar
Assistant Professor
Electronics and Telecommunication
Shri Chhatrapati Shivajiraje College of Engineering

2 attachments

Invitation Letter.pdf 110K

Brochure.pdf 150K

Sachin Mali <sachin.mali1978@gmail.com> Tue Nov 23, 2021 at 2:00 PM
To: Rohini Nipanikar<rsnipanikar@gmail.com>

Hello Ma'am

I am glad for the opportunity given by you for presentation of something new to students. I accept the invitation.

Regards,
Mr. Sachin Mali
Program Delivery Manager
Tata Consultancy Services
United Kingdom.

RD's Shri Chhatrapati Shivajiraje College of Engineering, Pune
E&TC Engg. Deptt.

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

S.No.237, Dhangwadi, Tal-Bhor, Dist-Pune

B++ NAAC

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION

Webinar on "Current Industry Trends"

Speaker:

Mr. Sachin Mali
Programme Delivery Manager, TCS, UK.

Faculty Coordinators :

Prof. Mrs. R. S. Nipanikar
Prof. Mrs. P. S. Gham

TPO :

Prof. S.D. Pasalkar

Both Students & Faculties can attend the workshop.

Course Content:

1. How to prepare for IT industry?
2. Where students lag at the time of interview?
3. What corporate companies expect from students before and after selection?
4. What you prepare for interview?
5. Selection process of MNC companies.
6. Current IT industry trends.
7. College – industry transitions.

Registration link: https://forms.gle/ZKVK8rB2xDVyG8Vv8

Date: 24th Nov 2021 **Time: 11 am to 12.30pm**

Google meet link: https://meet.google.com/pbc-vanq-kpj

E-certificate will be available after successful participation & feedback.

E&TC Engg. Deptt.

Head of Department
Prof. T. M. Dudhane

Principal
Prof. Dr. Sanjay B. Patil

Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College Of Engineering, organizes Webinar on "Current Industry Trends"

* Required

1. Email *

2. Full Name *

3. Contact Number *

4. College/Institute/Organisation *

5. Staff/Student *

Mark only one oval.

- Staff
- Student

6. Branch *

7. Class

Mark only one oval.

- SE
- TE
- BE

Timestamp	Email Address	Full Name	Contact Number	College/Institute/Organisation	Staff/Student	Branch	Class
11/23/2021 21:30:51	[illegible]	Ashok Arvind	[illegible]	SCSCOE	Staff	Civil Engg	
11/23/2021 22:01:41	[illegible]	Ashutosh Wachekar	[illegible]	Shri Chhatrapati Shivaji Ra	Student	CS	TE
11/23/2021 22:02:10	[illegible]	Kshirsagar [illegible] Mahesh	[illegible]	SHREE CHHATRAPATI S	Student	Computer	TE
11/23/2021 22:02:36	[illegible]	Dipak Naresh Shinde	[illegible]	RDTC	Student	CS	TE
11/23/2021 22:10:30	[illegible]	Vaishnavi Umendra [illegible]	[illegible]	Rajgad Dnyanpeeth's [illegible]	Student	Computer Engineering	TE
11/23/2021 22:19:45	[illegible]	BHANDARE DIHA DILIP	[illegible]	Rajgad dyanpeeth [illegible]	Student	Computer	TE
11/23/2021 22:30:11	[illegible]	Pooja Balkrishna Gadekar	[illegible]	Shri Chhatrapati shivajiraje	Student	Computer engineering	TE
11/23/2021 22:44:49	[illegible]	Shedge Pooja Sandhya	[illegible]	Shri Chhatrapati Shivajiraje	Student	Comp	TE
11/23/2021 22:48:05	[illegible]	Sonal Bharat Shirke	[illegible]	Shree Chhatrapati Shivaji	Staff	Computer Engg	
11/23/2021 22:49:13	[illegible]	Rutuja Dattatray Kumbhar	[illegible]	Shri Chhatrapati Shivaji Ra	Student	Computer	TE
11/23/2021 22:52:46	[illegible]	Vaishnavi Bharat [illegible]	[illegible]	Rajgad college of engineer	Student	Computer	SE
11/23/2021 22:58:11	[illegible]	Vikas Devgirkar	+917498[illegible]	Shree chhatrapati shivajira	Student	Computer engineering	TE
11/23/2021 22:58:20	[illegible]	Tejaswini Vijay [illegible]	[illegible]	Rajgad dnyanpeeth technic	Student	Computer engineering	SE
[illegible]	[illegible]	[illegible]	[illegible]	Rajgad dnyanpeeth techni	Student	Computer	SE
11/23/2021 23:02:39	[illegible]	Gaikwad Sakshi [illegible]	[illegible]	Shri chhatrapati Shivajiraje	Student	Computer Engineering	SE
11/23/2021 23:03:51	[illegible]	[illegible] Pooja Bhosale	[illegible]	Rajgad Dnyanpeeth	Student	SE computer	SE
11/23/2021 23:07:04	[illegible]	Gaikwad Akshada Ajit	[illegible]	Rajgad Dnyanpeeth technic	Student	Computer	SE
11/23/2021 23:07:38	[illegible]	Shreyash Jaywant [illegible]	+91[illegible]	RDTC	Student	Computer	SE
11/23/2021 23:46:55	[illegible]	Harshada Vikas Pawar	[illegible]	Rajgad Dnyanpeeth techni	Student	Mechanical	SE
11/23/2021 23:46:28	[illegible]	Yogesh Dattatray [illegible]	[illegible]	Shree Chatt. Shivajirao C	Student	Mechanical	SE
11/23/2021 23:58:58	[illegible]	Pratik Deshmukh	[illegible]	Rajgad Dnyanpeeth	Student	Mechanical	SE
11/24/2021 0:05:34	[illegible]@gmail.com	RUTIK SUDAM MORE	[illegible]	Rdtc	Student	Mechanical	SE
[illegible]	[illegible]	[illegible]	+91[illegible]	[illegible]	Student	Electronics and Telecomm	TE
11/24/2021 6:28:22	[illegible]	Sandal Harshad Vishwas	[illegible]	Shri chhatrapati shivajiraje	Student	Mechanical	SE
11/24/2021 6:42:03	[illegible]	Shaikh Aftab Tajuddin	[illegible]	Shree Chhatrapati Shivajira	Student	Mechanical	SE
11/24/2021 7:00:56	[illegible]	Pawar chaitali vilas	[illegible]	SCSCOE dhangwadi	Student	Mechanical	SE
11/24/2021 8:07:31	[illegible]	MAHESH MANDAPPA PU	+91[illegible]	Rajgad Dnyanpeeth's Shri	Student	Computer	SE
11/24/2021 8:08:47	[illegible]	Harsh Tanaji Deshmukh	[illegible]	Rajgad dyanpeet technical	Student	Computer	SE
11/24/2021 8:15:00	[illegible]	Aishwarya Rajendra Kunjir	[illegible]	Shri Chhatrapati Shivajiraje	Student	E&TC	SE
11/24/2021 8:15:59	[illegible]	Gaikwad Pooja Dnyanesh	[illegible]	SCSCOE	Student	E&TC	SE
11/24/2021 8:16:11	[illegible]	Apurv [illegible] Suryawanshi	[illegible]	RDTC SCSCOE PUNE	Student	Mechanical	SE
11/24/2021 8:17:[illegible]	[illegible]	Yogesh Mohan Bhosale	[illegible]	Shri Chhatrapati shivaji ra	Student	Mechanical	SE
11/24/2021 8:17:57	[illegible]	Mahesh Tukaram Kulkarni	[illegible]	Rdtc	Student	Be e&tc	BE
11/24/2021 8:19:00	[illegible]@yahoo.com	Vikram	[illegible]	Rajgad	Student	Mechanical Engineering	SE
11/24/2021 8:21:05	[illegible]	Saurabh Dilip Ghadge	[illegible]	Rajgad dnyanpeeth technic	Student	E&tc	SE
11/24/2021 8:21:26	[illegible]	Shreyash Jagannath [illegible]	[illegible]	RDTC SCSCOE	Student	Computer Engineering	SE
11/24/2021 8:25:06	[illegible]	Puja Ashok More	[illegible]	SHRI CHHATRAPATI SHI	Student	E&TC	SE
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11/24/2021 8:30:46	[illegible]	[illegible] Aniket Govind	[illegible]	RD's Shri Chhatrapati shiv	Student	Mechanical	TE
11/24/2021 8:31:22	[illegible]	Shivraj Pandurang [illegible]	[illegible]	Shree Chhatrapati Shivaji	Student	Rajgad college	SE
11/24/2021 8:32:26	[illegible]	[illegible] Umesh Ashok	[illegible]	Rajgad dnyanpeeth techni	Student	Mechanical	SE
11/24/2021 8:35:57	[illegible]	MANSUR NAJIR KAZI	[illegible]	Rajgad dnyanpeeth techni	Student	E&TC	BE
11/24/2021 8:39:51	[illegible]	Chavan Akshay Prashant	[illegible]	Shri chhatrapati shivajiraje	Student	E&TC	BE
11/24/2021 8:42:43	[illegible]	Chirag Gujar	+91[illegible]	RDTC	Student	Mech	TE
11/24/2021 8:50:53	[illegible]	Pawar Manohar Kumar	[illegible]	Shri Chhatrapati Shivajiraje	Student	E&TC	BE
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11/24/2021 9:00:27	[illegible]	Salunkhe Omkar Rajaram	[illegible]	Rajgad Dnyanpeeth technical	Student	E&TC	SE
11/24/2021 9:04:33	[illegible]	Priyanka [illegible]	[illegible]	Rd science dhangwadi	Staff	[illegible]	
11/24/2021 9:04:38	[illegible]	Rashmi Ravindra Shinde	[illegible]	SCSCOE	Student	Computer	SE
[illegible]	[illegible]	[illegible] Omkar Santosh	[illegible]	SCSCOE	Student	Mechanical	TE
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11/24/2021 9:08:35	[illegible]	[illegible] Ganesh Santosh	[illegible]	RDTC's SCSCOE DHANG	Student	Mechanical	SE
11/24/2021 9:09:07	[illegible]	Shaikh Husnain Shaikh [illegible]	[illegible]	Rajgad dnyanpeeth techni	Student	Mechanical	BE
11/24/2021 9:09:02	[illegible]	Arshad Najir Kazi	[illegible]	Rajgad Dnyanpeeth's Shri	Student	E&TC	BE
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11/24/2021 9:14:34	[illegible]	Kanade Payal Chandrakant	[illegible]	Rajgad dnyanpeeth's shri	Student	E&TC	BE
[illegible]	[illegible]	[illegible] Khopade	[illegible]	SCSCOE	Student	E&TC	BE
11/24/2021 9:15:25	[illegible]	Sayali Sanjay Pawar	[illegible]	RDTC, Dhangwadi	Student	E&TC	BE
11/24/2021 9:15:42	[illegible]	Aditi Shamrao Salunkhe	[illegible]	Shri chhatrapati shivajiraje	Student	Mechanical	BE
11/24/2021 9:16:12	[illegible]	Vaishnavi Sharad [illegible]	[illegible]	Rajgad college of engineer	Student	Computer	SE
11/24/2021 9:16:50	[illegible]	Kanade Payal Chandrakant	[illegible]	Rajgad dnyanpeeth's shri	Student	E&TC	BE
11/24/2021 9:16:52	[illegible]@gmail.com	Nikhil Dadaso [illegible]	+91[illegible]	Shri Chhatrapati Shivajiraje	Student	Electronics and Telecomm	BE
11/24/2021 9:18:40	[illegible]	Sayali Dattatray Khopade	[illegible]	SCSCOE	Student	E&TC	BE
11/24/2021 9:20:03	[illegible]	[illegible] Dnyaneshwar P	[illegible]	RAJGAD DNYANPEETH'S	Student	E&TC	TE
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[illegible]	[illegible]	Sakshi Sangmeshwar [illegible]	[illegible]	Rajgad college of Engineer	Student	Electronic and Telecommu	BE
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11/24/2021 9:33:58	[illegible]	Komal Tingare	[illegible]	Shri shivaji college of engi	Student	E&Tc	
11/24/2021 9:40:58	[illegible]@gmail.com	Rutik sudam more	[illegible]	Rdtc	Student	Mechanical	SE
11/24/2021 9:47:49	[illegible]	Poonam Dhanaji [illegible]	[illegible]	Rajgad Dnyanpeeth technic	Student	E&TC	TE
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11/24/2021 9:52:40	[illegible]@gmail.com	Sachin	[illegible]	[illegible]	Student	Mechanical	BE
11/24/2021 9:56:19	[illegible]	Kartik Arun Jadhav	[illegible]	Rajgad Dnyanpeeth Techn	Student	Electronics & Telecommun	BE
11/24/2021 10:01:25	[illegible]	[illegible] Sudarshan [illegible]	[illegible]	SCSCOE	Student	Mech	BE
[illegible]	[illegible]	[illegible]	[illegible]	Rajgad dnyanpeeth colleg	Student	Computer	SE
11/24/2021 10:03:32	[illegible]	Bhagyashree [illegible]	[illegible]	Shri Chhatrapati Shivajiraje	Student	CSE	BE
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11/24/2021 10:03:59	[illegible]	Salunke Gauri Dattatray	[illegible]	Shri Chatrapati Shivaji Ra	Student	Computer	BE
11/24/2021 10:04:14	[illegible]	Kudale Harshada [illegible]	[illegible]	Rajgad dynpeeth technical	Student	Computer engineering	BE
11/24/2021 10:04:58	[illegible]	Prachi Santosh [illegible]	[illegible]	Science	Student		TE

RD's Shri Chhatrapati Shivajiraje College of Engineering Pune *
E&TC Engg. Deptt.

11/24/2021 10:05:02	[illegible]@gmail.com	Aditi Jagdish Kach	[illegible]	Shri Chhatrapati Shivajiraje	Student	Computer Engineering	TE
11/24/2021 10:05:25	[illegible]@gmail	Bedadhe Dambalshi Dhole	[illegible]	Rajgad dnyanpitha dhangi	Student	Computer engineering	SE
11/24/2021 10:06:40	[illegible]	Shelawane Sonal Eknath	7350137379	Scscoe	Student	Computer	TE
11/24/2021 10:08:41	[illegible]@gmail.co	Wagale Shreya Santosh	7249979373	Shri Chatrapati Shivajiraje	Student	Computer	TE
11/24/2021 10:05:54	[illegible]@gmail.com	More Priti Arvind	7620011022	SCSCOE	Student	Computer	TE
11/24/2021 [illegible]	[illegible]@gmail.com	[illegible]	[illegible]	SCSCOE	Student	Computer	TE
11/24/2021 10:06:20	priyanghe[illegible]@gmail.com	Oghe Suprya Dattatray	8637796480	SCSCOE	Student	Computer	TE
11/24/2021 10:06:50	[illegible]	Malwadkar Ashwini Vijay	8518014015	SCSCOE	Student	Computer	TE
11/24/2021 10:06:15	[illegible]@gmail.com	Avinash Sanjay Raut	8308791137	Rajgad Dnyanpeeth College	Student	Computer Engineering	SE
11/24/2021 10:24:36	[illegible]@gmail.co	Avdi Namdev Khopade	8080247080	Shri Chhatrapati Shivajiraje	Student	E&TC	TE
11/24/2021 10:26:03	[illegible]@gmail.co	SWETA SHARAD AWADE	9545240561	SHRI CHHATRAPATI SHI	Student	Mechanical	SE
11/24/2021 10:33:51	[illegible]@gmail.co	Umesh Ramesh Kosale	7020426734	Shri Chhatrapati Shivajiraje	Student	E&TC	TE
11/24/2021 10:36:59	[illegible]@gmail	Sneal Vasant Manchare	7083709347	Rajgad Dnyanpeeth, Shri	Student	E&TC	SE
11/24/2021 10:46:56	[illegible]@gmail.co	Hambir sahil vijay	[illegible]	Rajgad Dnyanpeeth Technic	Student	Mechanical	SE
11/24/2021 [illegible]	[illegible]@gmail.com	Mandar manohar suryav	[illegible]	Shri Chhatrapati Shivajiraje	Student	Electronics and telecommu	SE
11/24/2021 10:52:21	[illegible]@gmail.com	Phad sandip namdeo	7841896859	Rajgad dnyanpeeth	Student	Mechanical	SE
11/24/2021 10:52:41	[illegible]	Sunil Berge	09075192561	Rajgad dnyanpeeth dhang	Student	MECHANICAL	SE
11/24/2021 10:52:56	[illegible]@gmail.co	Kunal chandrakant Tanpure	8767149001	Rajgad dnyanpith	Student	Mechanical	SE
11/24/2021 10:53:16	[illegible]@gm	Shinde Shreyash Anil	9307919579	RDTC SCSP Dhangawadi	Student	Mechanical	SE
11/24/2021 10:53:23	[illegible]@gmail.co	Tejas sandip Tanpure	9761366164	Rajgad dnyanpeeth Dhang	Student	Mechanical	SE
11/24/2021 10:53:31	[illegible]@gmail	Gurav Suraj Yogesh	+917420020315	Rajgad Dnyanpeeth's Shri	Student	Mechanical engineering	SE
11/24/2021 10:53:36	[illegible]@gmail	Kumbhar Deep Laxman	9370738432	College	Student	Mechanical	SE
11/24/2021 10:53:43	[illegible]@gmail.co	Atif Mustaq Shaikh	9022492395	Rajgad	Student	Mechanical	SE
11/24/2021 [illegible]	[illegible]@gmail	Malwade Mangesh Dharane	[illegible]	Rajgad College	Student	Computer	SE
11/24/2021 10:54:09	[illegible]@gmail.com	Amey Chintaman Deshpa	+17586136205	Rajgad	Student	Computer	SE
11/24/2021 10:54:56	[illegible]@gm	Suyash Dilip Deshmukh	9075180673	Rajgad	Student	Civil	SE
11/24/2021 10:55:16	[illegible]@gmail.com	Yogesh ashok satkapal	9075887610	Rajgad college of enginee	Student	computer engineering	SE
11/24/2021 10:55:25	[illegible]@gmail	Nadi Shinde	09309484680	RDTU	Student	Computer	SE
11/24/2021 10:55:55	[illegible]	MAHESH NANDAVRE	+919699947504	Rajgad Dnyanpeeth's Shri	Student	Computer	SE
11/24/2021 10:57:31	[illegible]@gmail	Shivajay Ranjeet Hambir	8412979696	RDTC SCSCOE DHANG	Student	Mechanical	SE
11/24/2021 10:57:58	[illegible]@gmail.co	Pengare Akash Shrimant	7745041403	Rajgad technical campus	Student	Mechanical	SE
11/24/2021 10:58:13	[illegible]@gmail	Sanket Pradip Bhosale	9356658551	Rajgad Dnyanpeeth	Student	Computer	SE
11/24/2021 [illegible]	[illegible]@gm	Sanket sanjay Lilakar	[illegible]	SCSCOE, Dhangwadi, Bh	Student	Mechanical engineering	SE
11/24/2021 10:59:14	[illegible]@gmail.com	Raut Pooja Sharad	9972457104	Shri Chhatrapati Shivaji Ra	Student	Computer	TE
11/24/2021 10:59:29	[illegible]@gm	Harshad Nandkumar Sase	9075705460	Shri Chhatrapati Shivajiraje	Student	Electronics and telecommu	SE
11/24/2021 10:59:42	[illegible]@gmail.co	MAYUR JAGTAP	+919322617291	RDTC	Student	Computer	SE
11/24/2021 11:00:06	[illegible]@gmail	Kondhalkar Mangesh Uttam	9822673617	RDTC of Engineering	Student	Computer	SE
11/24/2021 11:00:14	[illegible]@gmail	MAYUR JAGTAP	+919322617291	RDTC	Student	Computer	SE
11/24/2021 11:00:19	[illegible]@gm	Shivatare Harshada Sham	8669604622	SCSCOE	Student	Computer	TE
11/24/2021 11:01:09	[illegible]@gmail	Pranav Sachin wadkar	9657669795	Rajgad Dnyanpeeth SHRI	Student	Computer engineer	SE
11/24/2021 11:01:26	[illegible]@gmail	Aditya Jadhav	7709976595	Scscoe	Staff	Mechanical	TE
11/24/2021 11:02:42	[illegible]@gmail	[illegible] bhagwan	[illegible]	Rajgad Dnyanpeeth's Shri	Student	Computer	SE
11/24/2021 11:03:34	[illegible]@gmail.com	Akshada Rajendra Gorad	7058840465	RDTC	Student	Computer	TE
11/24/2021 11:04:04	[illegible]@gm	Ganeshkar Gayatri Anil	9322405752	Rajgad Dnyanpeeth Colleg	Student	Computer Engineering	SE
11/24/2021 11:04:51	[illegible]@gmail	Harshada Jagadale	8459471350	Savitribai phule pune univ	Student	Computer engineering	TE
11/24/2021 11:05:16	[illegible]@gmail	Pawar Pratik Subhash	9607511479	Rajgad Dnyanpeeth's Chat	Student	Mechanical	SE
11/24/2021 11:05:24	[illegible]@gmail	Ranjane Nikhil Laxman	9657069351	College	Student	Mechanical	SE
11/24/2021 11:05:30	[illegible]@gm	Patil Shraddha Dilip	9613406704	Rajgad Dyanpeeth Shree C	Student	E&TC	SE
11/24/2021 11:06:56	[illegible]@gmail.co	Shreya Umesh Shelke	7972023888	Savitribai phule Pune Univ	Student	Computer engineering	TE
11/24/2021 11:07:26	[illegible]@gm	Pratiksha pandurang satun	9097701515	Shree chhatrapati Shivajira	Student	E&tc	TE
11/24/2021 11:11:30	[illegible]@gmail	Mulukpara komal sinhang	[illegible]	[illegible]	Student	Mechanical	SE
11/24/2021 11:15:38	[illegible]@gmail.com	Gaikwad Pratik Sampat	9156880789	Rajgad Dnyanpeeth's Shri	Student	Mechanical	SE
11/24/2021 11:28:14	[illegible]@gmail.co	Alisha Jaywant Baridal	07875859402	RDTs SCSCOE, Dhangwa	Student	ENTC	SE
11/24/2021 11:31:22	[illegible]@gmail.com	Jagtap Apurva Sudhakar	7757894819	Rajgad dyanpeeth technica	Student	E&TC	SE
11/24/2021 12:18:51	[illegible]@gmail.com	Rutuja pradip babar	9356658881	Rajgad College of enginee	Student	E&TC	TE
11/24/2021 12:14:51	[illegible]@gmail.co	Ajay Hajaram Gawari	9673072593	Shri chhatrapati shivajiraje c	Student	Entc	SE
11/24/2021 12:36:52	[illegible]@gmail.com	Dr. Sabir S. Sayyed	9158858789	RDTS Shri Chhatrapati Shi	Staff	Civil Engg	
11/24/2021 12:55:35	[illegible]@gmail.com	Sakshi Tupe	8329327312	Rajgad dyanpeeth college	Student	Electronics and telecommu	SE
11/24/2021 13:36:41	[illegible]@gmail.c	Mahesh Sudhakar Tawade	7499384234	Rajgad Dnyanpeeths Shri	Student	Mechanical	SE
11/24/2021 [illegible]	[illegible]@gmail.co	[illegible]	[illegible]	SCSCOE	Student	Computer	TE
11/24/2021 14:06:32	[illegible]@gm	Shilimkar Namrata Rajesh	9821011290	SCSCOE	Student	Computer	TE
11/24/2021 14:09:51	[illegible]@gmail.com	Akshada Gorad	7058840465	RDTC	Student	Computer	TE
11/24/2021 14:59:46	[illegible]@gmail.c	Pawar swarali ramchandra	7385034115	Shree chatrapati shivajiraje	Student	E&tc	TE
11/24/2021 15:01:35	[illegible]@gmail	Shubham subash pati	7666710451	Shri chhatrapati shivajiraje	Student	Mechanical	SE
11/24/2021 15:08:12	[illegible]@gm	Aishwarya Ramchandra Sh	9158881327	Scscoe	Student	E&tc	SE
11/24/2021 17:55:30	[illegible]@gma	KUNAL UMBARKAR	+919158788964	RDTC'S SCSCOE	Student	Computer	TE
11/24/2021 17:32:28	[illegible]@gmail.c	Kartik Gawali	7385719387	RDTC SCSCOE	Student	Computer	TE
11/25/2021 9:27:04	[illegible]@gmail.c	Kunal Dilip Mandave	9503653158	Rajgad Dnyanpeeth's Tec	Student	Computer	TE
11/25/2021 [illegible]	[illegible]@gmail	Aarya Mahesh [illegible]	[illegible]	RDTC SCSCOE	Student	Computer	TE
11/25/2021 10:31:37	[illegible]@gmail.co	[illegible]@gmail.co	7219578749	Shri Chhatrapati Shivajiraje	Student	Computer engineering	TE
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11/25/2021 11:26:01	[illegible]@gmail.co	Vala Pratiksha Jagdish	8080698530	Rajgad Dnyanpeeth Dhang	Student	computer engineering	TE
11/25/2021 11:42:56	[illegible]@gmail.co	Priya popat gaikwad	1989251581	Rajgad dhyanpeet	Student	Entc	SE
11/25/2021 11:44:10	[illegible]@gmail.co	Priya popat gaikwad	1989251581	Rajgad dhyanpeet	Student	Entc	SE
11/25/2021 15:06:53	[illegible]@gmail.co	Jadhav Rupa Dattatray	8551898855	Rajgad dhyanpeeth techni	Student	Computer	SE

RD's Shri Chhatrapati Shivajiraje College of Engineering, Pune * E&TC Engg. Deptt.

RajgadDnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

Date: 22-11- 2021

NOTICE

All the Student and faculty members of RD's SCSCOE are informed that, Department of Electronics & Telecommunication Engineering is organizinga webinar on **"Current Industry Trends"**is scheduled on 24 Nov 2021 at 11.00am on Google meet.

Speaker for the session is Mr. Sachin Mali,Programme Delivery Manager having 16+ IT industry experience from Tata Consultancy Services, United Kingdom.

After Successful completion of the program & submission of feedback, participants will get e-certificates.

Registration Link: https://forms.gle/ZKVK8rB2xDVyG8Vv8

Meeting Web- https://meet.google.com/pbc-vanq-kpj

Prof. P. S. Gham
Event Co-Coordinator

Prof. R. S. Nipanikar
Event Coordinator

Prof. T. M. Dudhane
HOD
Head of Department
Dept. of E&TC Engineering
Shri Chh. Shivajiraje College of Engg
Dhangawadi, Bhor - 412206

RD's Shri Chhatrapati Shivajiraje College of Engineering, Pune
E&TC Engg. Deptt.

RajgadDnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (MH)

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGG

Webinar Report on "Current Industry Trends"

Date: 24/11/2021

1. **Program type:** Webinar
2. **Event Name:** Current Industry Trends
3. **Attendees:** Students and Faculties
4. **Name and Designation of Resource Person : Mr. Sachin Mali, Program Delivery Manager**
5. **Company / Institute of Resource Person: Tata Consultancy Services, United Kingdom.**
6. **Event coordinator:** Prof. R. S. Nipanikar, Prof. P. S. Gham,
7. **Date of Execution:** 24/11/2021
8. **Duration of Event:** 2 Hours
9. **Venue of event / Link:** https://meet.google.com/pbc-vang-kpj
10. **Number of Participants:** 138
11. **Fee details:** Free
12. **Objectives:** The main objective of the program is to guide faculties and students about new trends arise in industry every year.
13. **Outcomes:** It is important for professionals to be familiar with these different trends to improve professional standing and can help one to understand what the potential upgrades are for the industry.
14. **Description (program conduction details) / speaker topic explanation:**
    Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune has conducted a webinar of **"Current Industry Trends"** on **24th Nov 2021** for faculties, TE and BE students to give information about recent industry trends. Some examples are as follows-

    a) IOT: The really cool thing about IOT is that it's not only changing the way we do business but also the business models we use to do it. For example, pay-per-use models are becoming increasingly popular across all industries as new customer data becomes available.

b) Machine Learning-: In addition to shaping your day-to-day interactions with friends on social media, machine learning is also changing the way companies do business with customers. Companies like Google are using machine learning on mobile devices which can continue learning even when offline. The result? Machine learning is reshaping the way businesses interact with their customers in a big way by helping them anticipate and meet customer needs more easily.

c) Virtual reality : Virtual reality has been a popular component of video games for several years and this trend is continuing to expand. In addition to video games, VR is likely to affect companies across the board as they adopt the technology to help them engage customers more effectively and optimize their sales and marketing efforts. It's also a potentially useful tool for learning and is increasingly being adopted by educational organizations.

d) Touch Commerce: This is one of the biggest things to hit e Commerce in recent years with purchases of this type expected to increase by 150% this year alone and retailers in almost every industry anticipating an increase in sales directly related to this new technology.

e) Cognitive Technology: Although cognitive technologies have a broad range of applications, one of the industry sectors most affected by this trend initially will be the software sector. Automated analysis of user data and experiences will be particularly useful for software companies hoping to scale.

And many more trends explained by resource person.

15. Conclusion: With emerging technologies changing professional industries including banking, eCommerce, healthcare and education, staying up to date on the latest trends will give you a better understanding of your chosen industry and make you a more competitive candidate. Best of all, this knowledge might open up new doors within your field and others.

16. Photos with caption

Mr. Sachin Mali guiding students and faculties

Mr. Sachin Mali answering to student's question

Prof. P. S. Gham
Event Co-coordinator

Prof. R. S. Nipanikar
Event Coordinator

Prof. T.M. Dudhane
Head of Department
Dept. of E&TC Engineering
Shri Chh. Shivajiraja College of Engg.
Dhangawadi, Pune-412206

Prof. S. B. Patil
Principal
Rajgad Dnyanpeeth's
Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412206

Shri Chhatrapati Shivajiraje College of Engineering, Pune

Gmail

Rohini Nipanikar<rsnipanikar@gmail.com>

Invitation for Webinar of "CURRENT INDUSTRY TRENDS"

3 messages

Rohini Nipanikar<rsnipanikar@gmail.com> Tue, Nov 23, 2021 at 12:28 PM
To: sachin.mali1978@gmail.com

Dear Sir,

Our department of **Electronics and Telecommunication** is going to organise a Webinar on **"CURRENT INDUSTRY TRENDS"** on **24th Nov 2021** for faculties and students of the Institute.

Considering your expertise and experience in the same field, it gives us immense pleasure to invite you as a guest speaker for above said webinar. Attached is the invitation letter and brochure.

Kindly, accept the invitation and acknowledge the same.

Thanking You.

Regards,
Prof. R. S. Nipanikar
Assistant Professor
Electronics and Telecommunication
Shri Chhatrapati Shivajiraje College of Engineering

2 attachments

Invitation Letter.pdf 110K

Brochure.pdf 150K

Sachin Mali <sachin.mali1978@gmail.com> Tue Nov 23, 2021 at 2:00 PM
To: Rohini Nipanikar<rsnipanikar@gmail.com>

Hello Ma'am

I am glad for the opportunity given by you for presentation of something new to students. I accept the invitation.

Regards,
Mr. Sachin Mali
Program Delivery Manager
Tata Consultancy Services
United Kingdom.

Rohini Nipanikar<rsnipanikar@gmail.com> Wed Nov 24, 2021 at 3:42 PM
To: sachin.mali1978@gmail.com

Dear Sir,

On behalf of the Department of E&TC Engineering of RD's Shri Chhatrapati College of Engineering Dhangwadi, Pune, we wanted to express our appreciation to you for the Webinar on **"CURRENT INDUSTRY TRENDS"** on **24th Nov 2021**. It was extremely informative and we appreciate your personally taking time to provide us with the timely information. Definitely all the participants have benefited from your talk and we are very much thankful to you for making it convenient to be here at our place.

Once again, thank you for making the webinar successful, and we appreciate your continued support in future.

Regards,
Prof. R. S. Nipanikar
Assistant Professor
Electronics and Telecommunication
Shri Chhatrapati Shivajiraje College of Engineering

RD's Shri Chhatrapati Shivajiraje College of Engineering, Pune
E&TC
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Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College Of Engineering, organizes Webinar on "Current Industry Trends"

Feedback form for Attendance and Certification Purpose

* Required

1. Email *

2. Full Name *

3. Contact Number *

4. College/Institute/Organisation *

5. Staff/Student *

Mark only one oval.

- Staff
- Student

6. Branch *

7. SE/TE/BE *

Mark only one oval.

- SE
- TE
- BE
- Others

1- Satisfactory
2- Good
3- Very Good
4- Better
5- Excellent

Feedback Form

8. Course objectives stated clearly *

Mark only one oval.

	1	2	3	4	5	
Satisfactory						Excellent

9. How helpful was the webinar for you? *

Mark only one oval.

	1	2	3	4	5	
Satisfactory						Excellent

10. Overall how would rate the webinar? *

Mark only one oval.

	1	2	3	4	5	
Satisfactory	◯	◯	◯	◯	◯	Excellent

11. This webinar increased my knowledge? *

Mark only one oval.

	1	2	3	4	5	
Satisfactory	◯	◯	◯	◯	◯	Excellent

12. The webinar was well organized? *

Mark only one oval.

	1	2	3	4	5	
Satisfactory	◯	◯	◯	◯	◯	Excellent

13. Any Suggestions

Timestamp	Email Address	Full Name	Contact Number	Class/Branch/Year/Course	Gender/Division
1/04/2021 10:44:34	priyaschir1@gmail.com	Priyanka Dattatrayo Bhandar	9850239980	RSTC SCSC/CE	Female/ Staff
1/04/2021 12:06:29	kalkambatmahesh123@gmail.com	Mahesh Tukaram Kalkam	9156383994	PBSc Scholar	Male/ Student
1/04/2021 12:09:09	vivekdeshmukh@rediffmail.com	Ajay Yagnesh Deshmukh	9970513000	Shri chhatrapati shivajiraje	Male/ Student
1/04/2021 12:40:15	vaishnavigk1998@gmail.com	ABHYKUR Kaushik KALE	8329313080	Rajarshi shunasheph technic	Male/ Student
1/04/2021 15:06:21	snehadevanand@rediffmail.com	Vishnu Keshava Anil	9405369175	SCSC/CE	Male/ Student
1/04/2021 13:58:43	swapnil.tambe97@gmail.com	Swapnil Tukaram Vijay Jadav	7249834811	Rajarshi Shunasheph technic	Male/ Student
1/04/2021 13:57:38	vaishnavikumbhar1@rediffmail.com	Vaishnavi Ramesh Kumbhar	9405755553	Rajarshi shunasheph college	Female/ Student
1/04/2021 13:57:17	swapnilmore9ed@gmail.com	Dr. Sabir G. Bagwan	9730606780	Shri Chhatrapati Shivaji	Male/ Staff
1/04/2021 13:57:29	nandedkar123@rediffmail.com	Jagruti Vinesh Dumi	9373711470	Rajarshi Shunasheph technic	Male/ Student
1/04/2021 13:57:37	harifadtare007@gmail.com	Hrishi Jadhav	7498897719	Rajarshi Shunashepth Fakt	Male/ Student
1/04/2021 13:57:44	khushboo2001@rediffmail.com	Tejas Tanaji Gaikhane	+919970756861	Rstc scsc/cc Dr-MSW	Male/ Student
1/04/2021 13:57:55	shelkeb2001@gmail.com	Shrutika Sahebrao Shelke	9764371856	Shri Chhatrapati Shivaji H	Male/ Staff
1/04/2021 13:58:21	deepikamanwade123@gmail.com	Kuldeepak dilkash Ambhore	7709422269	SHREE SAMARTHAS Shri	Male/ Student
1/04/2021 13:59:41	vrushalipujari.pune@rediffmail.com	Mrs. Swati ramdas sonde	9890730919	Shri chhatrapati shivajiraje	Male/ Staff
1/04/2021 13:59:44	2000ingale96@gmail.com	Shingare Isha Dilip	9970370099	Rajarshi Shunashepth Shri	Female/ Student
1/04/2021 13:59:53	swamikhandekar@rediffmail.com	Ashwini Prerna Ashokan	7378980899	SCSC/CE	Female/ Student
1/04/2021 13:59:56	sidhantchachad97@gmail.com	Priyanka shrikant Jadhav	9665264040	Shri chh shivajiraje college	Female/ Student
1/04/2021 13:59:58	vishnuvishwakarma.vk@gmail.com	Vishwakarma Bharat Vinode	7498614451	Rajarshi college of engineer	Male/ Student
1/04/2021 13:59:58	sankalpvarshney1994@gmail.com	Ankita Devkinadi Sadhana	9923962777	Rajarshi Shahunath Collej	Female/ Student
1/04/2021 13:59:59	jaiswal.harshad.01@gmail.com	Harshad Nandkishor Jaiswal	9823766481	Shri Chhatrapati Shivaji	Male/ Student
1/04/2021 13:59:59	namdevsawarkar@rediffmail.com	Gokul Vasant Mandolura	7709193784	Rajarshi Shunashepth Shri	Male/ Student
1/04/2021 13:59:37	abhishekchelar4321@gmail.com	Abhijay vandan dhaware	9730310321	Rstc	Male/ Student
1/04/2021 13:58:37	sahilwadekar2121@gmail.com	Pooja Rakhidhna Gaikwad	9049745106	Shri Chhatrapati shivajiraje	Female/ Student
1/04/2021 13:59:51	vinodthakare7601@gmail.com	Dameshwar Gayam Arut	9322452752	Rajarshi shunashepth Colle	Male/ Student
1/04/2021 13:59:53	kulkarnisanika@gmail.com	Sanika Manohar kulkarni	8600815291	Rajarshi Shahunath's Shri	Female/ Student
1/04/2021 13:00:36	11ggmalik@gmail.com	Gaikwad Pratik Sampat	9130985758	Rajarshi Shunashepth's Shri	Male/ Student
[illegible]	[illegible]	[illegible]	9960182849	Rajarshi shunashepth shri	Male/ Student
1/04/2021 13:00:20	pandeleranvikram@gmail.com	Pandeleela prabakha nemrad	7249992001	Shree chhatrapati shivajiraj	Male/ Student
1/04/2021 13:00:35	abhishekchelar07@gmail.com	Akshay Jayvantrao Mundale	+919766966070	RSTC scsc/cc/CE Shivajinagar	Male/ Student
1/04/2021 13:00:22	thakkarbakul@gmail.com	Thakkar Tanaji Devchand	7588491691	Rajarshi Shahunath technic	Male/ Student
1/04/2021 13:00:47	bhusalg123@gmail.com	Bhusare shweta Anil	8551599947	SCSC/CE	Female/ Student
1/04/2021 13:01:04	badadhekarsanket@gmail.com	Badadhe Ganpanath Sonu	9766752079	Shri ch shivajiraje college	Male/ Student
1/04/2021 13:01:15	vasudevbhakti@gmail.com	Vidhe Mahendra Ganesha	9527760853	Rajarshi shivanadan shri ch	Male/ Student
1/04/2021 13:01:20	shivaramsathe1997@gmail.com	Shivaramsathe prakash ba	9096161529	Rajarshi Shunashepth technic	Male/ Student
1/04/2021 13:01:42	sudharsanan@rediffmail.com	Sudharsanan Sathadev Patil	7588984564	Rstc Chhatrapati Shivajiraj	Male/ Student
1/04/2021 13:01:11	vijaysolkar1@gmail.com	Vijaysolkar Vaibhav Rathore	9421171295	Rajarshi Shunashepth Tech	Male/ Student
1/04/2021 13:02:20	jagdishkumar1@gmail.com	Jagdish Asonal Kushwaha	7757836810	Rajarshi Ashirwadh technic	Male/ Student
1/04/2021 13:03:04	rohanbhanushali@rediffmail.com	Rohan Shailesh Khandare	9890499961	Shri chhatrapati shivajiraj	Male/ Student
1/04/2021 13:03:29	mahendrasaluambe7112@gmail.com	Mahendra salumbhe	7057309468	Shri Chhatrapati Shivajiraj	Male/ Student
1/04/2021 13:03:47	vaibhavsathe07333@gmail.com	Vaibhavsathe Devidas Hari	7559140021	Rajarshi shunashepth technic	Male/ Student
1/04/2021 13:07:58	drs.mtu@gmail.com	Prof. Sanjay I. Nitanikar	09423883942	RSTI SCSC/CE, Chakmal	Male/ Staff
1/04/2021 13:08:01	Tupeshah1998@gmail.com	Sakshi Tupe	8329327312	Rajarshi shahunath college	Female/ Student
1/04/2021 13:10:35	abhishuhu92.1998@gmail.com	Abhijay Rajendra Kurpi	7744078150	Shri Chhatrapati Shivajiraj	Male/ Student
1/04/2021 13:10:15	karvenkarvaishnavi@gmail.com	Karvenkar Parag Chandrakar	9130911933	Rajarshi Shahunath's shri	Female/ Student
1/04/2021 13:10:40	abhishekpol2121@gmail.com	Vikkas Prashant Chavan	8983482761	Shri chhatrapati shivajiraj	Male/ Student
1/04/2021 13:11:40	vaishakhavad27@gmail.com	Vaishnavi Hanbi Dnyaneshwar	8308271264	Shri Chhatrapati Shivajiraj	Female/ Student
1/04/2021 13:14:14	vaishnavi.ramchandran.cse@gmail.com	Prathamesh prashant Lele	07219836421	Rajarshi College of Shahunath	Male/ Student
1/04/2021 13:18:44	pratikkolpe2019@gmail.com	Pratik Sanjaykumar Ghatge	9970878955	Rajarshi college of Shahunath	Male/ Student
1/04/2021 13:17:44	amrutakamble@gmail.com	Amruta sahebrao Kamble	7588431458	Shri Chhatrapati Shivajiraj	Female/ Student
1/04/2021 13:18:31	rutujakolekar1@gmail.com	Rutuja shastry kolekar	9595867995	Rajarshi College of shivaraj	Female/ Student
1/04/2021 13:20:11	shaikhmaira1@gmail.com	Shaikh maira Tajuddin	9biz1422201	Shree Chhatrapati Rajarsh	Female/ Student
1/04/2021 13:27:38	bankarsunita1997@gmail.com	SUNITA SHARAD MANE	9biz8369851	SHRI CHHATRAPATI Shri	Female/ Student
1/04/2021 13:32:25	pawarmadhuri1994@gmail.com	Pawar madhuri dhara	9biz7170841	Shri Chhatrapati shivaji	Female/ Student
1/04/2021 13:35:31	bhilarkarsunil1212@gmail.com	Bhilarkar Tushar Keshav S	9biz8514498	Rajarshi shunashepth Gujarat	Male/ Student
1/04/2021 13:37:10	shaikhsalman1999@gmail.com	shaikhsalman samasuddin	9biz7668342	Cidath	Male/ Student
1/04/2021 13:38:15	mamtapujwal1111@gmail.com	Pawar Mamtatai Lunar	9biz3358477	Shri Chhatrapati Shivajiraj	Female/ Student
1/04/2021 13:39:39	tarkasshirsath@rediffmail.com	Tarkasshir Pinky Shahu	9biz7504782	Rajarshi Chhatrapathi Shri	Male/ Student
1/04/2021 13:41:44	narasapalli1.t@gmail.com	Talari Chandrasen Patel	9biz8279410	Shri Chhatrapati Shivajiraj	Male/ Student
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1/04/2021 13:48:58	nakasakarshna@gmail.com	Nakasakar Kishor Shrirang	9biz3871170	Shri Chhatrapati Shivajiraj	Male/ Student
1/04/2021 13:58:51	praveenkumarsheoran.cse@gmail.com	Prof. Praveen Kumar Sheo	9biz1063605	Rajarshi Shunashepth Shri	Male/ Staff
1/04/2021 14:02:03	sonalbhanu1@gmail.com	Sonali Bhanji Gaikar	9biz2864542	Shree Chhatrapati Shivaji	Female/ Staff
1/04/2021 14:27:31	kokatesuraj123@gmail.com	Suraj Ramesh Kokate	7028263124	Shri Chhatrapati Shivajiraj	Male/ Student
1/04/2021 14:17:06	shindepravin4545@gmail.com	SHINDE PRAVIN PIRAJI	9biz8081529	SHREE CHHATRAPATI Shivaji	Male/ Student
1/04/2021 14:24:41	saxenatrapti@yahoo.co.in	Trapti Saxena Nandan	9biz9979166	RSTC Pimpalvas Dhanj Staff	Female/ Staff
1/04/2021 14:50:12	abnavkarsanil@gmail.com	Anil Abnavkar	9biz9757134	SHARSTI LIBRARIAN Staff	Male/ Staff
1/04/2021 15:20:20	rakeshkolekar2020@gmail.com	Rakesh Vishwanath kolekar	9biz2048795	RSTC	Male/ Student
1/04/2021 15:42:22	kendrakarshreekrishna@gmail.com	Shrikrishna Harendra Sahu	9biz8694522	SCSC/CE	Male/ Student
1/04/2021 15:43:52	vinaj2000@gmail.com	Vinaj Pooja Valaval	9biz1347104	SCSC/CE	Female/ Student
1/04/2021 15:54:04	mamtajoshi4@gmail.com	Patil Ashish Mane	9biz1823106	SHRI CHHATRAPATI Shri	Male/ Student
1/04/2021 15:56:23	ashishbhokare07@gmail.com	SHELAR MILIND NARHARI Ta	9biz8349212	SCSC/CE	Male/ Student
1/04/2021 16:00:56	sonamkakade@rediffmail.com	Sonamkar Vinayk Rajaram	9biz1821171	Rajarshi Chhatrapati sahu	Female/ Student
1/04/2021 16:01:05	priyalghumi@gmail.com	Ghumi Supriya Dattatray	9biz1758498	SCSC/CE	Female/ Student
1/04/2021 16:01:07	sonam1433@gmail.com	More Priti Arvind	7028035333	SCSC/CE	Female/ Student
1/04/2021 16:01:32	sonvanekar1731@gmail.com	MAYUR JAGTAP	+919028817291	RSTC	Male/ Student
1/04/2021 16:02:00	rahulkarakar144.rk@gmail.com	Rahulkarakar Sanjay Kalyanraj	7020142423	Rstc	Male/ Student
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1/04/2021 16:02:45	pratikchavhan1121@gmail.com	Bhalerao Pooja Dashrthji	7219123998	Shri Chhatrapati Shivajiraj	Female/ Student
1/04/2021 16:03:27	poojasonar1@gmail.com	Pooja Sonar Kankal	9175307814	Rajarshi college of shivaraj	Female/ Student
1/04/2021 16:03:33	kaurpawanshri@gmail.com	Pawanshri kanwal Singh	9923716251	Rajarshi College	Male/ Student
1/04/2021 16:03:44	harshadbhapkarpatil@gmail.com	Harshadbhapkar Jagadish	9biz9973002	Harshbhai phule sonai sch	Male/ Student
1/04/2021 16:04:29	vaibhavkhandekar@gmail.com	Vaibhavkhandekar Vaibhav	[illegible]	RSTC	Male/ Student

Branch	2021/2026
Electronics and Telecom	Others
Extc	3rd
Extc	3rd
E.&T.C.	3rd
Computer	1st
Computer engineering	2nd
Computer	2nd
Civil Engg	Others
Computer	3rd
Electronics and telecomm	1st
Electronics and Telecom	1st
Extc	Others
COMPUTER	1st
EETC	Others
Computer	1st
Computer	1st
EETC	3rd
Computer	2nd
E.&T.c.	3rd
Electronics and telecomm	3rd
Extc	3rd
Computer engineering	1st
Computer engineering	1st
Computer Engineering	2nd
Electronics and telecomm	1st
Mechanical	3rd
Mechanical	3rd
E.&T.C.	3rd
Extc	3rd
Computer	3rd
Civil	1st
Computer	3rd
Computer	1st
Mechanical	3rd
Electronics and Telecom	1st
Computer	Others
E&TC	3rd
Computer Diploma	1st
E&TC	3rd
Computer Engineering	1st
E&TC Engg	Others
Electronics and telecomm	3rd
E&TC	3rd
E&TC	3rd
E&TC	3rd
E&TC	3rd
Electronics and Telecomm	3rd
E.&T.C.	2nd
E&TC	3rd
College	Student
E and TC	4th
E&TC	1st
E&TC	1st
Mechanical	3rd
E&TC	1st
Mechanical	3rd
Mechanical	3rd
Mechanical	3rd
Mechanical	3rd
Electronics and Telecom	Others
Computer Engineering	Others
E&TC	1st
Computer	1st
E&TC	Others
Mechanical Engineering	Others
E.&T.C.	1st
I.T./COMPUTER	1st
Civil	1st
EETC	3rd
Computer	1st
Civil	1st
Computer	1st
Computer	1st
Civil	1st
Computer	1st
Computer	1st
Computer engineering	1st
Computer	1st

I wants directions dated	Vibe faithful me the web	Overall bio would like to	The vaccine homework	The webinar was well are my Suggestions
5	5	4	4	5
5	5	4	4	5 No
5	5	4	4	5 No
4	4	4	4	5
5	5	4	4	5
5	5	4	4	5 No
5	5	4	4	5
5	5	4	4	5 Excellent Knowledge
5	5	4	4	5
5	5	4	4	5 It is very helpful to me for my career growth ... Thank you sir !
4	4	4	4	4
5	5	4	4	5
5	5	4	4	5
5	5	4	4	5 No
5	5	4	4	5
4	4	4	4	4 No
5	5	4	4	5
5	5	4	4	5 Good Workshop. It's very helpful.
4	4	4	4	4 Arrange this type of webinar again
5	5	4	4	5 No
5	5	4	4	5 No
4	4	4	4	4
5	5	4	4	5
4	4	4	4	4 Excellent
5	5	4	4	5
5	5	4	4	5 You have done good job
5	5	4	4	5 no
5	5	4	4	5
4	4	4	4	4 No
5	5	4	4	5 No
5	5	4	4	5 No
5	5	4	4	5 No
4	4	4	4	4
5	5	4	4	5 no
5	5	4	4	5
5	5	4	4	5 No
5	5	4	4	5
4	4	4	4	4 No suggestions
4	4	4	4	4 No suggestions
5	5	4	4	5 no
5	5	4	4	5 This webinar was more helpful to us
5	5	4	4	5 Take webinar like second time also
5	5	4	4	5 No
5	5	4	4	5 No
5	5	4	4	5 No
4	4	4	4	4 no
5	5	4	4	5
5	5	4	4	5 No
5	5	4	4	5
5	5	4	4	5
5	5	4	4	5
5	5	4	4	5
5	5	4	4	5 No
5	5	4	4	5 No
5	5	4	4	5 No
5	5	4	4	5
5	5	4	4	5 no suggestions
5	5	4	4	5 No
5	5	4	4	5 no
5	5	4	4	5 None
5	5	4	4	5
5	5	4	4	5
5	5	4	4	5 Webinar method is very good and helpful for all students
5	5	4	4	5
5	5	4	4	5
5	5	4	4	5 Thank you


Rs. Shri Chhatrapati Shivajiraje College of Engineering, Pune
PSTC
Stamp

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Sr. No. 237, Dhangwadi, Tal. Bhor, Pune, Maharashtra

B++ NAAC

CERTIFICATE OF PARTICIPATION

This is to certify that,

More Priti Arvind

has successfully attended the **Webinar on "Current Industry Trends"** organized by Department of Electronics & Telecommunication Engineering, Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune on 24th November 2021.

Prof. P. S. Gham	Prof. R. S. Nipanikar	Prof. T. M. Dudhane	Prof. Dr. S. B. Patil
Co-Coordinator	Co-ordinator	HOD, E&TC Engg.	Principal

RDs Shri Chhatrapati Shivajiraje College of Engineering, Pune ★ E&TC Engg. Deptt.

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Sr. No. 237, Dhangwadi, Tal. Bhor, Pune, Maharashtra

B++ NAAC

CERTIFICATE OF PARTICIPATION

This is to certify that,

Umesh Ramesh Kokate

has successfully attended the **Webinar on "Current Industry Trends"** organized by Department of Electronics & Telecommunication Engineering, Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune on 24th November 2021.

Prof. P. S. Gham	Prof. R. S. Nipanikar	Prof. T. M. Dudhane	Prof. Dr. S. B. Patil
Co-Coordinator	Co-ordinator	HOD, E&TC Engg.	Principal

R.D.'s Shri Chhatrapati Shivajiraje College of Engineering, Pune
E&TC Engg. Dept.

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

Details of Internship Programme

A. Y. 2021-22

Sr. No	Name of Student	Name of Sponsored Industry /Research Institute/ Partner in Institution	Duration	Name Of Department
1	Adsul Shreeraj Vijay	Aakhar Construction Pvt. Ltd. Shirwal	15/01/2022 to 10/04/2022 1 Month	Civil
2	Bhandalkar PujaMansing	Aakhar Construction Pvt. Ltd. Shirwal	15/01/2022 to 10/04/2022 1 Month	Civil
3	Pawar Sayali Ravindra	Aakhar Construction Pvt. Ltd. Shirwal	15/01/2022 to 10/04/2022 1 Month	Civil
4	Kazi Mujeeb Arshad	Aakhar Construction Pvt. Ltd. Shirwal	15/01/2022 to 10/04/2022 1 Month	Civil
5	Agjal Eknath Paraji	Er. Ramesh.B.Jaiswal Contractor, Aundh	20/12/2021 to 05/02/2022 1.5 Month	Civil
6	Chougule Omkar Balasaheb	Er. Ramesh.B.Jaiswal Contractor, Aundh, Dist. Hingoli	20/12/2021 to 05/02/2022 1.5 Month	Civil
7	Kshirsagar Saurabh	Sneh Buildcon, Loni	15/01/2022 to 25/02/2022 1 month	Civil

	Sunil			
8	Bhave Pandurang Kishanrao	S.R.Construction	20/01/2022 to 20/03/2022 1 month	Civil
9	Kshirasagar Gajendra Sambhaji	S.R.Construction	20/01/2022 to 20/03/2022 1 month	Civil
10	Budhe Ganesh Dnyandev	Sanjay Construction & Developers,Saswad	08/01/2022 to 20/03/2022 1 month	Civil
11	Jain Ketan Narendrakumar	Sanjay Construction & Developers,Saswad	08/01/2022 to 20/03/2022 1 month	Civil
12	Chavan Roshan Namdev	Saraswati Construction, wai	20/12/2021 to 05/02/2022 1.5 Month	Civil
13	Dhaygude Jayesh Sambhaji	Saraswati Construction, wai	20/12/2021 to 05/02/2022 1.5 Month	Civil
14	Dhadve Nikhil Dilip	STP Developers, Shirwal	15/01/2022 to 10/04/2022 1 month	Civil
15	Mohite Omkar Sambhaji	STP Developers,Shirwal	15/01/2022 to 10/04/2022 1 month	Civil
16	Girigosavi Jyoti Balu	Venkatesh skydale	15/01/2022 to 15/02/2022 1 month	Civil
17	Jadhav Shital Subhash	Shree Venkatesh Buildcon	15/01/2022 to 15/02/2022 1 month	Civil
18	Kale Rutuja Dnyaneshwer	Omkar Constructions, Bhor	15/01/2022 to 10/04/2022 1 month	Civil
19	Koli Mayuresh Sanjay	Omkar buidling & material suppliers	15/01/2022 to 10/04/2022 1 month	Civil
20	Kukade Manoj Arvind	Anurag Constructions Nigadi Pune	15/01/2022 to 10/04/2022 1 month	Civil

21	Lokhande Vaibhav Dilip	Kunjir Bioenergy India LLP Mirawadi Daund Pune	15/01/2022 to 10/04/2022 1 month	Civil
22	Shinde Aditya Nandkumar	Kunjir Bioenergy India LLP Mirawadi Daund Pune	15/01/2022 to 10/04/2022 1 month	Civil
23	Wadmare Rohit Ishvar	Tikona Construction	06/01/2022 to 15/03/2022 1 month	Civil
24	Raut Shubham Sanjay	Tikona Construction	06/01/2022 to 15/03/2022 1 month	Civil
25	Suryawanshi Rohit Rajendra	Sahyadri Construction, Sangali	15/01/2022 to 10/04/2022 1 month	Civil
26	Bandal Nikhil Bharat	SSA Steel Pvt. Ltd., Pune	15/01/2022 to 10/04/2022 1 month	Civil
27	Barge Abhijeet Sunil	SSA Steel Pvt. Ltd., Pune	15/01/2022 to 10/04/2022 1 month	Civil
28	Bhilare Saurabh Maruti	SSA Steel Pvt. Ltd., Pune	15/01/2022 to 10/04/2022 1 month	Civil
29	Chaudhari Vivek Rajendra	SSA Steel Pvt. Ltd., Pune	15/01/2022 to 10/04/2022 1 month	Civil
30	Chavan Aniket Keshav	SSA Steel Pvt. Ltd., Pune	15/01/2022 to 10/04/2022 1 month	Civil
31	Chavan Kiran Yuvraj	Rajgad Sahakari Sakhar Karkhana, Nigde, Bhor, Pune	15/01/2022 to 10/04/2022 1 month	Civil
32	Chavan Vikas Kashinath	Rajgad Sahakari Sakhar Karkhana, Nigde, Bhor, Pune	15/01/2022 to 10/04/2022 1 month	Civil
33	Chikane Jay Dattatray	Rajgad Sahakari Sakhar Karkhana, Nigde, Bhor, Pune	15/01/2022 to 10/04/2022 1 month	Civil
34	Devkate Sagar Sidhu	Rajgad Sahakari Sakhar Karkhana, Nigde, Bhor, Pune	15/01/2022 to 10/04/2022 1 month	Civil

35	Gade Rohan Rajendra	Rajgad Sahakari Sakhar Karkhana, Nigde, Bhor, Pune	15/01/2022 to 10/04/2022 1 month	Civil
36	Gujar Amol Rajendra	Sarvesh Construction Company, Satara	15/01/2022 to 10/04/2022 1 month	Civil
37	Jadhav Ajit Sanjay	Sarvesh Construction Company, Satara	15/01/2022 to 10/04/2022 1 month	Civil
38	Jadhav Shubham Navanath	Sarvesh Construction Company, Satara	15/01/2022 to 10/04/2022 1 month	Civil
39	Kadam Pratik Satish	Sarvesh Construction Company, Satara	15/01/2022 to 10/04/2022 1 month	Civil
40	Karale Pravin Sudhir	Sarvesh Construction Company, Satara	15/01/2022 to 10/04/2022 1 month	Civil
41	Katta Sachin Sanju	Sarvesh Construction Company, Satara	15/01/2022 to 10/04/2022 1 month	Civil
42	Kavachat Dattatraya Abhiman	Anant Dudh Pvt. Ltd., Kikavi, Pune	15/01/2022 to 10/04/2022 1 month	Civil
43	Kazi Yasin Yunus	Anant Dudh Pvt. Ltd., Kikavi, Pune	15/01/2022 to 10/04/2022 1 month	Civil
44	Mane Amit Jagdish	Anant Dudh Pvt. Ltd., Kikavi, Pune	15/01/2022 to 10/04/2022 1 month	Civil
45	Mane Navanath Somanna	Anant Dudh Pvt. Ltd., Kikavi, Pune	15/01/2022 to 10/04/2022 1 month	Civil
46	Navghane Sourabh Sopan	Anant Dudh Pvt. Ltd., Kikavi, Pune	15/01/2022 to 10/04/2022 1 month	Civil
47	Nigade Sandesh Suresh	Anant Dudh Pvt. Ltd., Kikavi, Pune	15/01/2022 to 10/04/2022 1 month	Civil
48	Pawar Vishal Sanjay	Shrinath Developers, At post-Gunand, Bhor ,Pune	15/01/2022 to 10/04/2022 1 month	Civil
49	Paygude Shubham Sanjay	Shrinath Developers, At post-Gunand, Bhor ,Pune	15/01/2022 to 10/04/2022 1 month	Civil

50	Powar Namdev Timanna	Shrinath Developers, At post-Gunand, Bhor ,Pune	15/01/2022 to 10/04/2022 1 month	Civil
51	Shinde Shivani Ashok	Shrinath Developers, At post-Gunand, Bhor ,Pune	15/01/2022 to 10/04/2022 1 month	Civil
52	Umbarkar Vishesh Santosh	Shrinath Developers, At post-Gunand, Bhor ,Pune	15/01/2022 to 10/04/2022 1 month	Civil
53	Karchunde Ramesh Sunderrao	Shrinath Developers, At post-Gunand, Bhor ,Pune	15/01/2022 to 10/04/2022 1 month	Civil
54	Taru Sachin Ashok	Shrinath Developers, At post-Gunand, Bhor ,Pune	15/01/2022 to 10/04/2022 1 month	Civil
55	Mahangare Pratik Sudam	Omkar buidling & material suppliers	15/01/2022 to 10/04/2022 1 month	Civil
56	More Gauri Pravin	Omkar Construction, Bhor	15/01/2022 to 10/04/2022 1 month	Civil
57	Monica Uday Shilimkar	Mass infra Builders & Developers	15/01/2022 to 10/04/2022 1 month	Civil
58	Snehal Chandrashekhar Pisal	Mass infra Builders & Developers	15/01/2022 to 10/04/2022 1 month	Civil
1.	Harihar Kiran Deepak	ACG Capsules	1M	Mechanical
2.	Kondhalkar Shubham Prakash	ACG Capsules	1M	Mechanical
3.	Mujawar Ashraf Shabbir	ACG Capsules	1M	Mechanical
4.	Nikam Omkar Sunil	ACG Capsules	1M	Mechanical
5.	Shinde Adarsh Santosh	ACG Capsules	1M	Mechanical

6.	Wadkar Jagdish Manik	ACG Capsules	1M	Mechanical
7.	Algude Swapnil Dilip	ACG Worldwide	1M	Mechanical
8.	Gaikwad Sourabh Annaso	ACG Worldwide	1M	Mechanical
9.	Pawar Aniket Ramakant	Ambika Fabrication Works	1M	Mechanical
10.	Biradar Aniket Govind	Ambika Plastics Latur	1M	Mechanical
11.	Khot Prathamesh Sanjay	Athani Sugars LTD.	1M	Mechanical
12.	Pisal Akash Kiran	Aura Laserfab PVT.LTD.	1M	Mechanical
13.	Chavan Omkar Balkrushna	Baliraja Enterprises	1M	Mechanical
14.	Kadam Vaibhav Vilas	Baliraja Enterprises	1M	Mechanical
15.	Sapkal Tushar Dattatray	Bombay Generator LTD.	1M	Mechanical
16.	Gujar Chirag Rajesh	CADME Metal Crafts	1M	Mechanical
17.	Kazi Azam Raj	D.B.Lad Engineering Works	1M	Mechanical
18.	Nalawade Shubham C.	Delval Flow Control PVT.LTD.	1M	Mechanical
19.	Chavan Dnyanraj Pravin	Durvesh Engineering Works	1M	Mechanical

20.	Karve Sairaj Ramdas	Durvesh Engineering Works	1M	Mechanical
21.	Kadam Vaishnavi Pradip	E.CAD. Computer Institute	1M	Mechanical
22.	Karande Omkar Santosh	E.CAD. Computer Institute	1M	Mechanical
23.	Bhalghare Pandurang Narayan	EGEARZ PVT.LTD.	1M	Mechanical
24.	Bhosale Yash Santosh	Expro North Sea LTD.	1M	Mechanical
25.	Assad Gaffar Shaikh	GE India Industrial PVT.LTD.	1M	Mechanical
26.	Gade Somanath Ashruba	ILJIN Global India PVT. LTD.	1M	Mechanical
27.	Ghadge Atish Sayaji	ILJIN Global India PVT. LTD.	1M	Mechanical
28.	Ingulkar Rushikesh Pravin	ILJIN Global India PVT. LTD.	1M	Mechanical
29.	Sarak Pravin Ankush	ILJIN Global India PVT. LTD.	1M	Mechanical
30.	Mahangare Aniket Bharat	KLAUS Multipacking System Shirwal	1M	Mechanical
31.	Parte Pratik Atmaram	KLAUS Multipacking System Shirwal	1M	Mechanical
32.	Mote Ravikiran Maruti	KSB Limited	1M	Mechanical

33.	Kamble Siddhartha Raoso	M.CAD Training Institute	1M	Mechanical
34.	Biradar Akash Dinkar	Matel Motion & Energy Solution PVT.LTD.	1M	Mechanical
35.	Bhivate Kartik Prabhakar	Mayuresh Plastics	1M	Mechanical
36.	Chougule Pavan Dhananjay	Mayuresh Plastics	1M	Mechanical
37.	Jagtap Shubham Anil	Mayuresh Plastics	1M	Mechanical
38.	Suryawanshi Shubham Vijay	Mayuresh Plastics	1M	Mechanical
39.	Nikalaje Suraj Rajendra	Omkar Enterprises	1M	Mechanical
40.	Pandit Sanket Vinod	Omkar Enterprises	1M	Mechanical
41.	Babar Ajinkya Subhash	Pranav Enterprises	1M	Mechanical
42.	Jadhav Aniket Sanjay	Rieter India PVT.LTD.	1M	Mechanical
43.	Dabholkar Atharva Guruprasad	Riya Engineerings	1M	Mechanical
44.	Dhame Shrinivas Balaso	Riya Engineerings	1M	Mechanical
45.	Kindre Rohit Anil	Riya Engineerings	1M	Mechanical
46.	Yadav Karan Shankar	Riya Engineerings	1M	Mechanical

47.	Chavan Sagar Ramdas	SANJUA India PVT.LTD.	IM	Mechanical
48.	Kale Abhijit Balasaheb	SGK India Industrial Services(P) LTD.	IM	Mechanical
49.	Mane Suhas Mohan	Shankar Enterprises	IM	Mechanical
50.	Naik Sachin Mohan	Shankar Enterprises	IM	Mechanical
51.	Waghmare Somnath Sudam	Shankar Enterprises	IM	Mechanical
52.	Jadhav Kishor Hiralal	Shree Samarth Automation	IM	Mechanical
53.	Jagtap Suraj Vasant	Specialty Sintered Products PVT.LTD.	IM	Mechanical
54.	Bhosale Akanksha Vijay	Surya Engineering Works	IM	Mechanical
55.	Nigade Tejas Shivaji	Tejas Motors	IM	Mechanical
56.	Nalawade Prasad Prakash	Trisons Engineering	IM	Mechanical
57.	Sutar Aniket Vikas	Trisons Engineering	IM	Mechanical
58.	Walhekar Mayur Navnath	Trisons Engineering	IM	Mechanical
59.	Bendre Abhishek Gajanan	Vardhan Consulting Engineering	IM	Mechanical
60.	Devlekar Saurabh Sanjay	Vighanharta Enterprises	IM	Mechanical

1.	Malusare Kajal Sunil	Microversion Technologies	2M	Computer
2.	Pawar Sneha Sunil	Microversion Technologies	2M	Computer
3.	Yadav Revati Vishvanath	Microversion Technologies	2M	Computer
4.	Margaje Nikita Suryakant	Creazione Software	5M	Computer
5.	Bhosale Priyanka Hiralal	Creazione Software	5M	Computer
6.	Satpute Monali Rajendra	Education 4 OL, Pune	2M	Computer
7.	Shirke Nishigandha Kundlik	Education 4 OL, Pune	2M	Computer
8.	Walmiki Shivani Amit	Education 4 OL, Pune	2M	Computer
9.	Bobade Prachi Santosh	Oasis Infobyte	1M	Computer
10.	Borane Shubham Sandip	Oasis Infobyte	1M	Computer
11.	Jadhav Dhiraj Anna	Oasis Infobyte	1M	Computer
12.	Koli Gaurav Rajendra	Oasis Infobyte	1M	Computer
13.	Korade Tujay Kamlakar	Oasis Infobyte	1M	Computer

14.	Lawande Swapnil Bhalchandra	Oasis Infobyte	IM	Computer
15.	More Preeti Arvind	Oasis Infobyte	IM	Computer
16.	Saste Shubham Jalindar	Oasis Infobyte	IM	Computer
17.	Theurkar Priyadarshan Dnyanoba	Oasis Infobyte	IM	Computer
18.	Thombare Chandan Shekhar	Oasis Infobyte	IM	Computer
19.	Bait Rukshita Dinesh	Officika Technologies PVT.LTD.	IM	Computer
20.	Chavan Ritambara Shankar	Officika Technologies PVT.LTD.	IM	Computer
21.	Dabade Suyash Sunil	Officika Technologies PVT.LTD.	IM	Computer
22.	Dhadave Ajinkya Rohidas	Officika Technologies PVT.LTD.	IM	Computer
23.	Dhadve Pragati Uddesh	Officika Technologies PVT.LTD.	IM	Computer
24.	Gaikwad Shubhangi Suryakant	Officika Technologies PVT.LTD.	IM	Computer

25.	Gaikwad Sushil Pandurang	Officika Technologies PVT.LTD.	1M	Computer
26.	Gorad Akshada Rajendra	Officika Technologies PVT.LTD.	1M	Computer
27.	Kamble Prashant Mohan	Officika Technologies PVT.LTD.	1M	Computer
28.	Padale Tejas Chandrakant	Officika Technologies PVT.LTD.	1M	Computer
29.	Patankar Samarjeet Satish	Officika Technologies PVT.LTD.	1M	Computer
30.	Raut Pooja Sharad	Officika Technologies PVT.LTD.	1M	Computer
31.	Shilimkar Namrata Rajendra	Officika Technologies PVT.LTD.	1M	Computer
32.	Shinde Sandhya Prabhat	Officika Technologies PVT.LTD.	1M	Computer
33.	Shivtare Harshada Sanjay	Officika Technologies PVT.LTD.	1M	Computer
34.	Borsare Shubham Tarudutta	Lets Grow More	1M	Computer
35.	Devgirikar Vidya Sambhaji	Lets Grow More	1M	Computer

36.	Gawali Kartik Rakesh	Lets Grow More	1M	Computer
37.	Kaluse Sahil Sanjay	Lets Grow More	1M	Computer
38.	Khandale Kiran Prakash	Lets Grow More	1M	Computer
39.	Khopade Ajit Dattatraya	Lets Grow More	1M	Computer
40.	Kirve Makrand Shashikant	Lets Grow More	1M	Computer
41.	Kshirsagar Prathamesh Dilip	Lets Grow More	1M	Computer
42.	Mahandave Kunal Dilip	Lets Grow More	1M	Computer
43.	Munde Abhijeet Bhagwat	Lets Grow More	1M	Computer
44.	Todkar Omkumar Murlidhar	Lets Grow More	1M	Computer
45.	Umbarkar Kunal Sunil	Lets Grow More	1M	Computer
46.	Shinde Dipak Naresh	L&D Infotech PVT.LTD.	1M	Computer
47.	Sonwane Sonal Eknath	L&D Infotech PVT.LTD.	1M	Computer
48.	Yewale Yash Dattatray	L&D Infotech PVT.LTD.	1M	Computer

49.	Pawar Mayur Ravindra	Sunanda Infotech PVT.LTD.	1M	Computer
50.	Kinhale Kajal Mohan	K.P. Technologies	1M	Computer
51.	Bhosale Shweta Sharad	K.P. Technologies	1M	Computer
52.	Kachi Aditi Jagdish	Prabhupada World	1M	Computer
53.	Jagdale Harshada Shivaji	Forage	1M	Computer
54.	Bhelke Shereya Umesh	Forage	1M	Computer
55.	Gaikwad Puja Balkrushna	College Ranker India	1M	Computer
56.	Dere Sunanda Muktaram	Abstract IT Solutions	1M	Computer
57.	Asfiyan Nazim Attar	Shryash IT Solution	1M	Computer
58.	Jadhav Anuja Popat	Oasis Infobyte, Pune	1M	Computer
59.	Chikane Payal Bharat	L&D Infotech Pvt. Ltd.	2M	Computer
60.	Rathed Bhimrao Devidas	L&D Infotech Pvt. Ltd.	2M	Computer
61.	Ubhe Rutvik Baban	L&D Infotech Pvt. Ltd.	2M	Computer
62.	Dhamal Ankita Vijay	LetsGrowMore, Pune	1M	Computer

DTE: 6324
SPPU: 4071

63.	Dighe Vinayak Shankar	LetsGrowMore, Pune	1M	Computer
64.	Gaikwad Rushikesh Ramdas	LetsGrowMore, Pune	1M	Computer
65.	Parkhande Priyanka Rohidas	LetsGrowMore, Pune	1M	Computer
66.	Patankar Samarjeet Satish	Officika Technologies PVT.LTD	1M	Computer
1	BABAR RUTUJA PRADIP	Lets Grow More- Virtual Internship	01/04/2022 To 01/05/2022	E & TC
		CAD Desk- Virtual Internship	01/04/2022 To 15/05/2022	E&TC
2	BHIMANAVARU BASAVRAJ ARJUN	Spectris Technology Pvt.Ltd, Bavdhan,Pune	01/03/2022 To 30/04/2022	E & TC
3	DEOKAR POONAM DHANAJI	Innotronix Labs & Trading Pvt. Ltd. Sasewadi, Bhor, Pune	03/01/2022 To 18/02/2022	E & TC
4	DHONDE ABHIJEET VITTHAL	Property Solution India Pvt. Ltd.	02/04/2022 To 30/05/2022	E & TC
5	DUDHANE TEJAS TANAJI	VCB Electroics Private Limited, Khed Shivapur Pune	19/08/2021 To 19/09/2021	E&TC
6	GADE RUSHIKESH NARAYN	L&D Infotech Pvt. Ltd., Katraj Pune	01/03/2022 To 01/05/2022	E&TC

7	GADEKAR NILAM RAMESH	L&D Infotech Pvt. Ltd., Katraj Pune	01/03/2022 To 01/05/2022	E&TC
8	GADHAVE PRAJKTA SUNIL	inled Technologies LLP Mhavashi, Khandala, satara	01/04/2022 To 01/06/2022	E&TC
9	GHATAKAMBLE SANDEEP SIDHALINGAPPA	Spectris Technology Pvt.Ltd, Bavdhan,Pune	01/03/2022 To 30/04/2022	E&TC
10	JADHAV ANIKET NATHU	Innotronix Labs & Trading Pvt. Ltd. Sasewadi, Bhor, Pune	03/01/2022 To 18/02/2022	E&TC
11	JADHAV JYOTI SANJAY	Egearz Private Ltd. Shindewadi, Khandala, Satara	03/01/2022 To 18/02/2022	E&TC
12	JADHAV PRIYANKA TANAJI	Highligit Electricals and Service, Baramati Pune	01/04/2022 To 30/04/2022	E&TC
13	KADALE SHRUTIKA PRAMOD	Safeexpress Pvt. Ltd. , Shindewadi , Bhor, Pune	15/03/2022 To 15/05/2022	E&TC
14	KADAM DHIRAJ SUHAS	Ideal Designs Engineering & PCB Designing, Shivane Pune.	01/04/2022 To 08/05/2022	E&TC
15	KANSE PAYAL ASHOK	Surya Enginnering Works, Shirwal.	03/01/2022 To 18/02/2022	E&TC
16	KASHID DEEPALI BABURAO	Arete Manufacturing Services Pvt. Ltd. Dhyari Pune.	01/04/2022 To 30/04/2022	E&TC

17	KHOMANE SAGAR BHANUDAS	Raj Polyfabrics Pvt. Ltd. , Jejuri MIDC, Purandar, Pune.	15/01/2022 To 18/05/2022	E&TC
18	KHOPADE AARATI NAMDEV	In Yantra Technologies Pvt. Ltd., Shirwal, Khandala	01/03/2022 To 31/04/2022	E&TC
19	KOKATE ANKITA BALASAU	Wimson Electronics Pvt. Ltd. Shindewadi, Bhor, Pune	01/04/2022 To 28/04/2022	E&TC
20	KOKATE UMESH RAMESH	Ideal Designs Engineering & PCB Designing. Shivane Pune.	01/04/2022 To 08/05/2022	E&TC
21	KONDHALKAR POOJA RAMCHANDR	Innotronix Labs & Trading Pvt. Ltd. Sasewadi, Bhor, Pune	03/01/2022 To 18/02/2022	E&TC
22	MALAVI VISHAL SHIVAJI	Ideal Designs Engineering & PCB Designing. Shivane Pune.	01/04/2022 To 08/05/2022	E&TC
23	MALEKAR KOMAL SANJAY	In Yantra Technologies Pvt. Ltd., Shirwal, Khandala	01/03/2022 To 31/04/2022	E&TC
24	METIL MAHENDRA RANGRAO	Ideal Designs Engineering & PCB Designing. Shivane Pune	01/04/2022 To 08/05/2022	E&TC
25	MORE KETAN VIJAY	Innotronix Labs & Trading Pvt. Ltd. Sasewadi, Bhor, Pune	03/01/2022 To 18/02/2022	E&TC

26	MORE MAHESH SUNIL	Smart Knowner- Online internship	02/04/200 To 05/05/2022	E&TC
27	PARWADI AAYUSH ASHOK	Lets Grow More- Virtual Internship	01/04/2022 To 01/05/2022	E&TC
28	PATIL ARCHANA MAHADEO	Supreme Facility Management Pvt. Ltd. Akurdi Pune.	01/04/2022 To 30/04/2022	E&TC
29	PAWAR GANESH PANDURANG	Spectris Technology Pvt Ltd, Bavdhan,Pune	01/03/2022 To 30/04/2022	E&TC
30	PAWAR RUSHIKESH DNYANESHWAR	Raj Polyfabrics Pvt. Ltd., Jejuri MIDC, Purandar, Pune.	15/04/2022 To 18/05/2022	E&TC
31	PAWAR SWARALI RAMCHANDRA	Dynamic Solution Pvt. Ltd. Baner Pune	08/04/2022 To 20/05/2022	E&TC
32	RENUSE ARCHANA SITARAM	In Yantra Technologies Pvt. Ltd., Shirwal, Khandala	01/03/2022 To 31/04/2022	E&TC
33	SALUNKE PRATIKSHA PANDURANG	L&D Infotech Pvt. Ltd., Katraj Pune	01/03/2022 To 01/05/2022	E&TC
34	SAWANT RAJ DNYANESHWAR	ILJIN Global India Private Limited Kesurdi, Khandala, Satara	01/04/2022 To 30/04/2022	E&TC
35	SHAIKH SHAHRUKH SALIM	Geeks for Geeks - Online Internship	05/03/2022 To 08/04/2022	E&TC

36	SHENDAGE BHAGYASHREE UMAJI	Cummins Indi Limited Phaltan	18/03/2021 To 14/03/2022	E&TC
37	SUTAR PRATIK ADHIKRAO	Lets Grow More- Virtual Internship	01/04/2022 To 01/05/2022	E&TC
38	SUTAR SHABDASHREE	Chheda Electricals & Electronics Pvt. Ltd. Palashi, Khandala Satara	03/01/2022 To 18/02/2022	E&TC
39	SUTAR SHITAL KASHINATH	United Crain & Components Pvt. Ltd. Pune	03/01/2022 To 18/02/2022	E&TC
40	TAVARE SHUBHAM LAXMAN	iGeeks Bridging Technology	03/04/2022 To 06/05/2022	E&TC
41	WALHEKAR KOMAL BALASO	Innotronix Labs & Trading Pvt. Ltd. Sasewadi, Bhor, Pune	03/01/2022 To 18/02/2022	E&TC

KSB

Certificate of Training

This is to certify that,

Mr. Ravikiran Maruti Mote

Of Shri. Chhatrapati Shivajiraje College of Engineering ,Dhangwadi,Tal-Bhor,Dist-Pune,Branch-Mechanical Engineering have successfully completed 1 month (01.01.2022 to 31.01.2022) training at our company.

During the training ,he have closely worked as part of our team .

We wish him good luck for all future endover & look forward to work with them in the near future.

Pratik sutar.

(Executive,QM)

KSB LIMITED Q. M. E.P.D.

Mail to

Registered Office
Head Office
Zonal Offices

KSB Limited : A1, MIDC Khandala Phase II, Village Kesurdi, Tal. Khandala, Satara - 412 802
Tel. : +91 2169 246800 Visit us at : www.ksbindia.co.in
Office No. 601, Runwal R Square, L.B.S. Marg, Mulund (West), Mumbai- 400 080, Tel.: 022 2168 1300
Mumbai - Pune Road, Pimpri, Pune - 411 018. (India) Tel. : +91 20 2710 1000 Fax : +91 20 2742 6000
Chennai • Kolkata • Mumbai • NOIDA CIN : L29120MH1960PLC011635

ACG
Worldwide

31ST December 2021

WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.Gaikwad Sourabh Annaso** form Rajgad Dnyanpeeths Technical Campus Dhangawadi, has successfully completed internship in our organization from **1st** December 2021 to **31st December 2021** The study of his internship was **Industrial Training**.

During this period we found him to be sincere and hard working.

We wish all the very best for his future endeavors.

For ACG Worldwide

31/12/21

Anju Chaudhary

BU – HR Head

Regd. Office:
Plot No. 131, Kandivali Industrial Estate, Kandivali (West), Mumbai – 400 067, India
Phone: +91 22 7194 8400

ACG Associated Capsules Pvt. Ltd.
Factory: Gat No. 322,323, Shirwal, Tal. Khandala, Dist. Satara, Maharashtra – 412 801. India
Phone: +91 77200 89461/2/3 | Email: Sales, acpi@acg-world.com | Website: www.acg-world.com
CIN No: U24239MH1961PTC012061 | GST No: 27AAACA4769K1ZD

ILJIN GLOBAL INDIA PRIVATE LIMITED

Plot A-2, Phase - II, Khandala MIDC, Village - Kesurdi, Tal. Khandala, Dist. Satara - 412802. Maharashtra, India.
Tel.: 91-2169-227300 www.iljin.com
CIN No.: U29292PN2016PTC157848

Date: 02/05/2022

CERTIFICATE OF COMPLETION

This is to certify that **Mr. Mr. Somanath Ashruba Gade**, Student of TE Mechanical Department of **RD's SCSCOE, Bhor, Pune**, has successfully completed internship program in production department from 01/04/2022 to 30/04/2022.

During the period of his internship program with us, he had been exposed to different of processes and was found diligent, hardworking and inquisitive.

We wish the student a very Best of Luck for his future Endeavours.

For ILJIN Global India Pvt Ltd;

BSPoman

ILJIN GLOBAL INDIA PVT. LTD. INDIA

Mr. Bhaskar Poman
Dy. General Manager
HR & General Affairs

M-CAD
TRAINING INSTITUTE

WORKING UNDER M. T. S. T. S.
GOVT. REG. NO. SAN/MRJ/GNL/O/343/2004
GOVT OF INDIA ID:- DL/2012/0055306
ISO 9001 : 2008

HR/22-23/REC007

Date: 05/05/2022

Certificate of Training

To Whomsoever It May Concern

This is to certify that,

Mr. Kamble Siddhartha Raoso

of Shri Chhatrapati Shivajiraje college of Engineering, Dhangwadi, Tal.- Bhor, Dist.- Pune, Branch- Mechanical Engineering have successfully completed 30 Day (**1-04-2022 to 30-04-2022**) training at our organization.

During the training, students have closely worked as part of our team.

We wish them good luck for all future endower & look forward to work with them in the near future.

Date: 5-5-2022

For,

M-CAD TRAINING INSTITUTE

Katraj-Kondhwa Road,

Pune

Maharashtra Computer M-CAD INSTITUTE Aided

M-CAD Training Institute, Office No. 17, Shri Ganesh Vishwa Society,
Opp. to Dominos Pizza, Gokul Nagar, Katraj, Kondwa Road, PUNE - 411 048
83294 90320 / 77749 54433 support@mcad.in

www.caddeskindia.com

Reg.No.:SI/CS/20/8209

CERTIFICATE
OF COMPLETION

Congratulations!

This certificate is proudly presented in the recognition of the completion of Internship at CAD DESK.

R P Babar	**Summer Internship In Web Development**
Name	Course
1- Apr -22	**45 Days**
Start Date	Duration
Web Design	**Caddesk Jaipur**
Software/Technology	Training Centre

His/her association with us was very fruitful and we wish him/her all the best in the future endeavors.

Managing Director

25-May 22
Awarded on

in an association with

IT Desk
Where Success Begins

CAD DESK®
TRAINING · PLACEMENT · SOFTWARE · CONSULTANCY

Lets GrowMore

CID - LGMVIPWEB00014569

CERTIFICATE

of Completion

PROUDLY PRESENTED TO

Rutuja Pradip Babar

Was an active Participant in the LetsGrowMore Virtual Internship Program in Web Development from 1 April 2022 to 1 May 2022

Aman Kesarwani

FOUNDER

6 May 2022

Verify Here

spectris

Office :
Spectris Technologies Pvt. Ltd.
Office No.101, Pl. No.18, A.G. Trade Center,
NDA Paschan Road, Ram Nagar, Bavdhan,
Pune 411 021.

Spectris Technologies Pvt Ltd

INTERNSHIP CERTIFICATE

This certificate is presented to

Basavaraj Bhimanavaru

For completing his internship program from March to April 30, 2022.

Given this June May 02, 2022.

During his association with us, we found him to be hard working and a keen learner. We wish him success in his future endeavors.

HR Manager
Krisha Das

AUTHORISED SIGNATORY

SPECTRIS TECHNOLOGIES PVT. LTD.

INNOTRONIX

14th Feb 2022

To whom it may concern

Innotronix Labs & Trading Pvt Ltd certifies that Ms. Poonam Devkar successfully completed the internship program from 3rd January 2022 to 18th February 2022.

During this time, Ms. Poonam Devkar displayed professional traits during his internship period and managed to complete all assigned tasks as requested. She was hardworking, dedicated, and committed. It was a pleasure having her with us in this short period.

Sincerely,

For Innotronix Labs & Trading Pvt Ltd

Authorised Signatory

PUNE

INNOTRONIX LABS & TRADING PVT. LTD.

DIGITAL SIGNAGES | IOT SOLUTIONS | SMART LIGHTING

Regd. Off.: Gat No. 77 & 81, Mumbai-Bangalore Highway, Village : Sasewadi, Tal. Bhor, Dist. Pune, Pin.: 412 205, Maharashtra, INDIA.
Contact No.: 9579662819/8329627723, Email: explore@innotronixlabs.com, Website: www.innotronixlabs.com

SHREYAS
LEAVE IT TO US

SHREYAS IT SOLUTIONS

9922769776 Mahad Pandharpur Road Bhor shreyasitsolutions99@gmail.com

10/05/2022

To
Attar Asfiyan Nazim
8007187303

Sub. – Your Internship with our Shreyas It Solutions.

Dear Asfiyan

Congratulations to you on your successful completion of your 60Days of internship with the information technology in our organization from 05/03/2022 to 01/05/2022.On java programming.

Your willingness to learn, adapt, showing sensitivity to urgency and involvement in the tasks assigned to you is appreciated by the entire IT team. We are sure you will see success coming to you more easily withthis approach.

We are also happy to hand over your Internship Completion Certificate with this letter.

We wish you all success in your career.

Sincerely,

Shreyas Shete
Director

SHREYAS IT SOLUTIONS

Shri Chhatrapati Shivajiraje College of Engineering, Pune
Computer Engineering Department

Officika

Officika Technologies Pvt. Ltd

Date: 23-05-2022

To,

Rukshita Dinesh Bait

Rajgad Dnyanpeeths Shri Chhatrapati Shivajiraje,

College Of Engineering, Dhangwadi, Pune

Subject: Certificate of Completion of Internship

This is to certify that Mr./Ms. Bait Rukshita, student of TE (Computer) has completed his/her One Month Internship with us, from 22nd April 2022 to 22nd May 2022

As part of his/her internship he/she has completed the basic training on "ITSM-ServiceNow" in Officika Technology Pvt.Ltd.(Online mode)

During the tenure with us, we found Mr./Ms. Bait Rukshita, sincere and result oriented. We wish Mr./Ms. Bait Rukshita all the best for his/her endeavors.

Officika Technologies Pvt. Ltd. Pune

Shrikant Telkar
Technology Trainer

Subhash Rangdal
Director
Officika Technologies Pvt. Ltd.

Rajgad Dnyanpeeths Shri Chhatrapati Shivajiraje College of Engineering
Computer Engineering Department

CERTIFICATE OF INTERNSHIP

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

Five Days Workshop for Students

On

"Training, Personality, Development, and Employability Skills"

(4th to 8th May, 2022)

Organized By

Training & Placement cell

In association with

Rubicon Skill Development Pvt. Ltd, Pune

Supported by

Barclays.

Savitribai Phule Pune University Pune, India

Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (MH)

Date: 15/05/2022

A Report on "5 Day's Program on Training, Personality Development and Employability Skills"

By Training &Placement Cell, RD'S SCSCOE, Dhangawadi, Bhor.

In Association With

Rubicon Skill Development Private Limited, Pune

Supported by Barclays.

1. **PROGRAM TYPE:** 5 Days Workshop
2. **EVENT NAME:** "Training, Personality, Development, and Employability Skills"
3. **ATTENDEES:** BE Students of all Branches.
4. **NAME OF GUEST/EXPERT:**
   1. Mr. Manish Ponda (Corporate Trainer)
   2. Mr. Vinesh Khair (Corporate Trainer)
5. **COMPANY / INSTITUTE OF RESOURCE PERSON:** Rubicon's Skill Development Pvt Ltd, Pune.
6. **DAY & DATE:** Monday to Wednesday, 4th to 8th May, 2022
7. **DURATION OF SESSION: 05 Days.**
8. **VENUE OF EVENT:** Classrooms at Mechanical ICT, E&TC ICT room and Seminar hall
9. **NAME OF COORDINATORS :**
   Department of Computer Engg.: Prof. K. S. Khamkar
   Department of Mechanical Engg.: Prof. S. S. Bhosale.
   Department of Civil Engg.: Prof. P. J. Gaikwad.
   Department of E&TC Engg.: Prof. S. D. Pasalkar

10. **NUMBER OF PARTICIPANTS: 147**
11. **FEE DETAILS: Free**
12. **OBJECTIVES:** To breach the gap between corporate requirement and student

knowledge and skillets. To guide and provide right model of training that needs the industry needs and improve their Employability skills.

The value added programme on Training on corporate etiquette's and manners, soft skills was planned with a view to:

1. Make students develop the technical skills and create professional identity.
2. Make students aware of their career path and accordingly do the career planning.
3. Enable them to prepare short term and long term goals for their personal and educational development.
4. Boost their self-confidence.
5. Enable students to pursue Foundation courses which strengthen their core skills for a successful Career.
6. Give each student a realistic perspective of work and work expectations.
7. Help to develop problem solving skills.
8. Guide students in decision making.
9. Create a desire to fulfill individual goals and to educate students about unproductive thinking, self-defeating emotional impulses, and self- defeating behaviors.
10. To help students to know the importance of learning needs and to be to satisfy the need on ongoing basis.

13. DESCRIPTION:

The main purpose of training is to import skill such as aptitude reasoning technical and soft skills that would add in the emplobility of the students. We are providing the training by the well qualified and experience trainers were in the sector since 20 years and have provided training in some of the top colleges in India. the communication and emploility skills training program was conducted at Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje college of engineering, Dhangwadi in Classrooms at Mechanical ICT, E&TC ICT room and Seminar hall respectively for 5 days during 4th to 8th May 2022 to breach the gap between corporate and college by equipment students with necessary skills adapt to the corporate culture and Excel their career.

The programmers started on 04th May, 2022. At 10.00 am. By guest welcome. The inauguration was started at 10.00 am by the dignitaries. The program was hosted by Prof. S. S. Bhosale The inaugural address is delivered by Prof. S. D. Pasalkar in the presence of Chief guests Mr. Manish Ponda (Corporate Trainer) & Mr. Vinesh Khair (Corporate Trainer) Briefed the participants about the structure, design of the training program. Mr. Manish Ponda Address emphasized the need of communication skill & self employment program and highlighted how the entrepreneurial eco-system has changed in recent times. After that all sessions was conducted at respective locations decided.

All Trainers covered following topics on 1st Day:

Sr. No.	Topic	Learning Objectives
1	Expectation setting	To learn Industry expectations from freshers
2	Ice breaking	To know more about the trainer & candidates
3	Organizationa l Structure	To learn Organizational structure

Following Contents Covered on 2nd Day.

Sr. No.	Topic	Learning Objectives
1	SWOT Analysis	To identify their Strength/Weakness/Opportunities/ Threat
2	Corporate Jargons	To learn most commonly used words in corporate
3	Public Speaking	To eliminate stage fear

Following contents covered on 03rd Day

Sr. No.	Topic	Learning Objectives
1	Presentation Skills	To articulate your thoughts through Power point presentation
2	E-mail Etiquette	To learn E-mail writing skills
3	Grooming	Dress to impress/ Proximity/ Personal hygiene/

Following contents covered on 04th Day

Sr. No.	Topic	Learning Objectives
1	Body language	To learn positive body language
2	Telephone Etiquette	To handle telephonic round of interview/ To learn call mechanics

Following contents covered on 05th Day

Sr. No.	Topic	Learning Objectives
1	Group Discussion	To access candidates' public speaking skills
2	Personal Interview	To perform well during interviews

14. BENEFITS AND OUTCOME:

- Enhance and improve employable skills.
- The ability to communicate effectively with coworkers, employers,Clients and customers, friends and family members.
- The opportunity to enhance organizational skills.
- Improve personal and professional effectiveness.
- Increased efficiency and leadership skills to improve team results.

At the end of training program we requested all the participants to give the feedback based on the experience on the three day workshop. Finally Prof. S. D. Pasalkar gave vote of thanks and concludes the workshop.

15. **CONCLUSION:** The resource persons are extremely knowledgeable in their field. It has been observed that everyone has participated in this training program captivated by the respective sessions. Trainers command and mastery over communication and employability skills is truly fascinating. All the participants were very motivated to do better and much clearer with their goal. Through the training Program, **Rubicon's Skill Development Pvt Ltd.** has collaborated/supported by **Barclays** which will be improving the employability skills of the energetic students to make sure that students have the best from both the worlds of academia and Industry. All students who successfully complete the training will receive certificate from Rubicon's .

16. **PHOTOS WITH CAPTION**

Photo 1: Trainer interact with Students

Photo 2: Trainers and Session Introduction to students

Photo 3: Trainer assigning activities to students

Photo 4: Students during the training session

Photo 5: Student involved in mock interview session

Photo 6: Group Photograph of the participants, trainer and the faculty coordinators

Photo 7: Principal Sir, Dr S.B. Patil guiding to students on last day with Estate Manger. Mr. Rahul Khamkar, trainers, TPO Prof. S. D. Pasalkar and faculty coordinators.

Prof. S. D. Pasalkar
TPO

Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engg. DTE:6224 SPPU:4371 Dhangawadi Pune 412205

Dr.S.B.Patil
Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412205

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

Memorandum of Understanding(MOU)

S.No	Name of industry/ Company Research Institute / Partnering Institution	Date of Commencement	Name Of Department	Duration
1	SSA Steel Pvt. Ltd., Pune	15/07/2020	Civil	5 Years
2	Rajgad Sahakari Sakhar Karkhana, Nigde, Bhor, Pune	15/03/2013	Civil	10 Years
3	Anant Dudh Pvt. Ltd. , Kikavi, Pune	10/04/2013	Civil	10 Years
4	Sarvesh Construction Company, Satara	05/01/2016	Civil	10 Years
5	ECADD Computer Institute,Bhor, Pune	17/07/2021	Civil	5 Years
6	Shrinath Developers, At post-Gunand, Bhor, Pune	15/06/2021	Civil	5 Years
7	VA-Computer Institute, Bhor, Pune	15/06/2021	Civil	5 Years
9	Microdynamic Software Pvt. Ltd., Pune	10/07/2017	Computer	5 Years

10	Genius World Centre Pvt. Ltd.	08/08/2016	Computer	10 Years
11	Web Minds IT Solutions, Pune	20/10/2020	Computer	5 Years
12	L & D Infotech Pvt. Ltd.,Pune.	17-12-2021	Computer	5 Years
13	VCB Electronics Pvt. Ltd. Khed Shivapur, Pune.	03/03/2022	Computer	5 Years
14	Rajgad Sahakari Sakhar Kharkhana.	15/03/2013	Mechanical	10 Years
15	Anant Dudh PVT LTD.	10/04/2013	Mechanical	10 Years
16	Speciality Sintered products Pvt Ltd.	20/12/2014	Mechanical	10 Years
17	Ratnadeep Castings PVT LTD.	09/03/2015	Mechanical	05 Years
18	Saturn Rings & Forgings Pvt Ltd.	01/12/2020	Mechanical	05 Years
19	High Power Engineering Co.Pvt.Ltd.	04/01/2019	Mechanical	05 Years
20	VCB Electronics Pvt. ltd	24 June 2014	Electronics & Telecommunication Engineering	10 year
21	Dhruva Automation and controls Pvt. ltd	07 March 2016	Electronics & Telecommunication Engineering	10 years

22	Xtream Engineering Equipment Pvt. ltd	17 July 2015	Electronics & Telecommunication Engineering	10 years
23	Saturn Rings and Forgings Pvt. Ltd	27 Dec 2018	Electronics & Telecommunication Engineering	5 years
24	High Power Engineering Co Pvt. Ltd	14 June 2014	Electronics & Telecommunication Engineering	10 years
25	Raj Vimal Group	20 August 2019	Electronics & Telecommunication Engineering	10 years

Memorandum of Understanding between RDTC-SCSCOE Campus & Saturn Rings & Forgings Pvt. Ltd

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into on this day ..Thursday...and date..27/12/2018.....

Between:
RDTC-Shri Chhatrapati Shivajiraje College of Engineering-Bhor, Dist—Pune, Maharashtra, (hereinafter referred to as "The College") an institution of higher learning founded in 2009 Affiliated to **Savitribai Phule Pune University's Approved by AICTE, New Delhi.**

And

Saturn Rings & Forgings Pvt. Ltd, Gat No.457, 458 Industrial Plot No. 5 & 6, At / Post – Shirwal, 412801

The College and The Industry shall be collectively referred to as "The Parties"
In furtherance of their mutual interest in improvement of Academics, Technical Enhancements and Improvising Employability Skills of the students as a contribution to the Social and Economic development of the region, The Parties mentioned above hereby agree to and adopt the following Memorandum of Understanding.

Article 1: The Purpose of the Agreement
The Parties are committed to enhancement of academic skills of the students of the college, educational excellence, collaborative work, intellectual freedom and equality of educational and employment opportunities.

Some broad goals of this MoU are:
1. Take into consideration the aspects of the subject required by the industries for possible future inclusion in the curricula
2. Enhance the understanding of the students through field experience
3. Make students independent and responsible towards learning and social inclination
4. Build a network of learning community & Industries.

Article 2: General Activities and Services
The Parties will voluntarily undertake the following:
1. Create scope for curriculum development and enrichment
2. Encourage joint research activities
3. Extension Activities and dissemination of new knowledge

Article 3: Saturn Rings & Forgings Pvt. Ltd

Following are the roles identified

1. Provide opportunities for students and faculty members to upgrade their skills in allied industries.
2. Grant access to the industry its facilities as and when required with prior approval
3. Voluntarily Support research efforts in exploring new ideas.
4. Initiate and support exchange of human resource on case to case basis.

Article 4: Role of the College

Following are the roles identified for The College

1. Provide academic support to the Industry.
2. Provide assistance in the form of student interns as and when required.
3. Support and promote employees to pursue their higher education.
4. Initiate and support exchange of human resource on case to case basis.

Article 5: Duration and Termination of MoU

This MoU shall remain in force for a period of five years commencing from the date of signing of this document. The Parties reserve the right to terminate this MoU by either party giving one month written notice to the other. Where such termination occurs, the provisions of this Memorandum shall continue to apply to ongoing activities until their completion.

Article 6: Amendments

Amendments to this MoU must be in writing and approved by the designated representatives of each party. The terms / clauses / articles in this MoU can be reviewed by mutual consent by serving one month written notice to the other party. New or amended terms / clauses / articles may be agreed as part of a renewed MoU.

Article 7: Statement of Intent

Nothing in this MoU shall be construed to as creating any legal relationships between The Parties. This MoU is a statement of intent to foster genuine and mutually beneficial collaboration.

Authorized Sign & Seal

SATURN RINGS & FORGINGS PVT. LTD. * SHINDEWADI SHIRWAL

Authorized Sign & Seal

Shivajiraje College of Engineering 6324

Memorandum of Understanding between Saturn Rings & Forgings Pvt. Ltd & RDTC-SCSCOE Campus

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into on this day 27 Thursday and date 27th Dec. 2018

Between:

Saturn Rings & Forgings Pvt. Ltd, Gat No.457, 458 Industrial Plot No. 5 & 6, At / Post – Shirwal, 412801

And

RDTC-Shri Chhatrapati Shivajiraje College of Engineering-Bhor, Dist—Pune, Maharashtra, (hereinafter referred to as "The College") an institution of higher learning founded in 2009 Affiliated to **Savitribai Phule Pune University's Approved by AICTE, New Delhi.**

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3. Extension Activities and dissemination of new knowledge

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Authorized Sign & Seal

SATURN RINGS & FORGINGS PVT. LTD. ★ SHINDEWADI SHIRWAL

Authorized Sign & Seal

Shivajirao College of Engineering 5324

MEMORANDUM OF UNDERSTANDING

Between

Rajgad Dyanpeeth's Technical Campus

Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune

Department of Civil Engineering

AND

E-CADD,
Computer Institute,
Bhor, Pune,
Maharashtra -412206

E-CADD

COMMITTED FOR QUALITY TRAINING

Ref No. RDTSCSCOE/Civil/2021-22/03

Date: 17/07/2021

PREAMBLE:

RDTC is established in year 2009 in order to achieve excellence of students in the field of science and technology. It is approved by AICTE, New Delhi and Government of Maharashtra and is affiliated to the Savitribai Phule Pune University.

The Institutes have state of the art infrastructure appropriate to conduct engineering education. RDTC'S SCSCOE runs 04 UG programs. The Department of Civil Engineering of RDTC's SCSCOE Dhangawadi, Bhor is established in 2009 with an intake of 60 students. It has experienced faculty Engaged in teaching and research. Laboratories of all the departments are well equipped with modern equipment's and experimental setups. Besides conventional teaching, college puts special emphasis on ebased learning, subject-oriented advanced inputs.

The goal of the Civil Engineering Department is to train the students to face the challenges of ever changing technology and maintaining high ethical and moral standards. The departmental advisory committees consisting of well-known academicians and experts from industry guide the departments in their academic activities. The students' chapters established in the departments provide professional touch to the education. The department organizes the workshops and seminars on advance technology for the UG students.

The Agreement is signed between,

Whereas, Rajgad Dnyanpeeth Technical Campus, Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Tal: Bhor, Dist: Pune, Maharashtra 412206, (Hence forth referred as **Party 1)**

AND

Whereas, ECADD Computer Institute, Bhor, Pune, Maharashtra -412206, **(Hence forth referred as Party 2)**

Whereas, both party no. 1 and party no. 2 are interested to develop the knowledge of advances in concrete technology in all respect at student's study level, which are helpful personally to students and future quality improvement.

Whereas, both parties have decided to agree to establish industry-academic collaboration in the areas of mutual interest and in accordance with terms and conditions set forth in this memorandum of understanding (MOU).

Objective of MOU:

1. To strengthen the industry-institute interaction to provide high quality and up to date technology supports and value added programs to the Engineering students, Masons and Contractors practicing on sites.
2. To establish common platform between Company and Institute to plan and execute activities for the development of Industrial Institute interaction.
3. Planning and utilizing resource like staff and infrastructure for joint R&D works, industry based joint consultancy work.
4. Sharing of latest Technical trends in Educational and Industrial field.
5. To get exposure and training to student under the supervision of industry experts.
6. To get access of the trained engineers.

AGREEMENTS OF MOU:

Both Party 1 and Party 2 shall encourage interaction between the engineers, research fellows, faculty members and students through following arrangements.

1. Party 2 - shall share their knowledge and experience by way of joint conferences and seminars/workshops.

2. Party 2 - agrees to provide all documents like brochures, leaflets, CD, DVD and their devices (computer etc.) including lecturers, skilled staff, helping staff, for above activity.

3. Party 1 - agrees to provide audio-visual projector and screen facility and appropriate seminar hall, inclusive of required electrical devices and supply system etc.

4. Party 2 - agrees to provide material and tool tackles, which are necessary for demo, and practical.

5. Party 2 - agrees to conduct above mentioned programs in campus of Rajgad Dnyanpeeth Technical Campus, Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Tal: Bhor, Dist: Pune, Maharashtra 412206.

6. Party 1 - agrees to provide open space, covered space, electricity, water, and washroom facilities as per requirements and institutional working days and time.

7. Party 2- may seek assistance/guidance of Party 1 faculty members in technical or any trouble shoot issues.

FINANCIAL ARRANGEMENTS:

1. The collaborative program between Party 1 and Party 2 shall be coordinated by a coordination committee appointed by Directors of both Institute (Parties).

2. Financial arrangements for each specific collaboration will be decided on case to case basis and brought on record in each case after due approval from heads of both institutions (Parties).

INTELLECTUAL PROPERTY RIGHTS:

Rights regarding publications, patents, royalty, ownership of software/design/product developed under scope of MOU shall be decided by two parties by mutual consent.

CONFIDENTIALITY:

Both the parties agree to hold in confidence all information/data which is obtained from either side or created during the performance of MOU and will not disclose the same to any third party without written consent of other side.

COORDINATORS:

Both sides will designate persons who will have responsibility for coordination and implementation of this agreement.

DURATION OF MOU:

This MOU will take effect from the date it is signed by the representatives of the parties. This MOU is binding on both parties for the duration of Ten academic year,2021-22, 2022-23, 2023-24,2024-25,2025-26,2026-27,2027-28,2028-29,2029-2030,2031-2032.

Either party may terminate the MOU by giving 1 month's written advance notice to the other party, once terminated neither Party 1 or Party 2 will be responsible for any losses, financial or otherwise, which the other party may suffer. This MOU is signed subjective approval of representatives of both the parties' academic/administrative bodies.

SCHEDULE FOR ACTIVITIES:

Various activities to achieve the objectives of MOU mentioned, will be conducted as per mutual convenience of both parties with minimum 15 days of advance planning.

THE PLACE OF SIGNING MOU:
Rajgad Dnyanpeeth Technical Campus,
Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi,
Tal: Bhor, Dist: Pune, Maharashtra 412206

On Behalf of Party 1 (Shri Chhatrapati Shivajiraje College of Engineering, of Engineering)	
Prof. S. P. Salunkhe Head, Department of Civil Engineering	Dr. S. B. Patil Principal, Shri Chhatrapati Shivajiraje College of Engineering, of Engineering
Date: 17/07/2021 Place: Dhangwadi	Seal Principal Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engg. Dhangawadi, Pune-412206

On Behalf of Party 2 (ECADD Computer Institute)	
Er. Abhijit Gaikwad Owner, ECADD Computer Institute, Bhor, Pune	
Date: 17/07/2021 Place: Dhangwadi	Seal E-CADD Computer Institute, Bhor 3rd floor madhusavitri sadan above to shivkrupa pathpedhi Mangalwar peth, bhor, Ta. Bhor dist. Pune 412206

Memorandum of Understanding between RD's SCSCOE & Patronix Technologies Pvt. Ltd. Pune

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into on this date 03/03/2022

Between:
Patronix Technologies Pvt. Ltd. Pune Magarpatta Rd, Amanora Park Town, Hadapsar, Pune, Maharashtra 411028.

And

RD's Shri Chhatrapati Shivajiraje College of Engineering-Bhor, Dist—Pune, Maharashtra, (hereinafter referred to as "The College") an institution of higher learning founded in 2009 Affiliated to **Savitribai Phule Pune University's Approved by AICTE, New Delhi.**

The College and The Industry shall be collectively referred to as "The Parties"
In furtherance of their mutual interest in improvement of Academics, Technical Enhancements and Improvising Employability Skills of the students as a contribution to the Social and Economic development of the region, The Parties mentioned above hereby agree to and adopt the following Memorandum of Understanding.

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1. Take into consideration the aspects of the subject required by the industries for possible future inclusion in the curricula
2. Enhance the understanding of the students through field experience
3. Make students independent and responsible towards learning and social inclination
4. Build a network of learning community & Industries.

Article 2: General Activities and Services
The Parties will voluntarily undertake the following:
1. Create scope for curriculum development and enrichment
2. Encourage joint research activities
3. Extension Activities and dissemination of new knowledge

Article 3: Patronix Technologies Pvt. Ltd. Pune Magarpatta Rd, Amanora Park Town, Hadapsar, Pune, Maharashtra 411028
Following are the roles identified

1. Provide opportunities for students and faculty members to upgrade their skills in allied industries.
2. Grant access to the industry its facilities as and when required with prior approval
3. Voluntarily Support research efforts in exploring new ideas.
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Following are the roles identified for The College

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3. Support and promote employees to pursue their higher education.
4. Initiate and support exchange of human resource on case to case basis.

Article 5: Duration and Termination of MoU
This MoU shall remain in force for a period of ten years commencing from the date of signing of this document. The Parties reserve the right to terminate this MoU by either party giving one month written notice to the other. Where such termination occurs, the provisions of this Memorandum shall continue to apply to ongoing activities until their completion.

Article 6: Amendments
Amendments to this MoU must be in writing and approved by the designated representatives of each party. The terms / clauses / articles in this MoU can be reviewed by mutual consent by serving one month written notice to the other party. New or amended terms / clauses / articles may be agreed as part of a renewed MoU.

Article 7: Statement of Intent
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Patronix Technologies Pvt. Ltd. Pune

Director
Authorized Sign & Seal

Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engg. DTE 6324 SPPU 376 Dhangawadi Pune 412206

Authorized Sign & Seal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.,
Dhangawadi, Pune-412206