



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

CRITERION 6 – Governance, Leadership and Management

Key Indicator - 6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Practice 1: Online Teaching Learning Process

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Practice 1

Online Teaching Learning Process



1. Description of IQAC contributed significantly for Institutionalising the Quality assurance strategies and processes





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SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Practice 1: Online Teaching Learning Process-

Regular meetings of IQAC are conducted under the chairmanship of Principal with agenda and suggestions are taken from all the members of IQAC. All the teachers are encouraged to use Google Classroom and instructed to create classroom for their courses for improvement and better implementation of curriculum.. Teachers are encouraged to upload study material, PPT, assignment, quiz, animation/NPTEL videos, MCQ's, Unit Test etc. enable the interaction to be very effective 24×7 access for learning purpose at any time, round the clock between students and the teachers in the classroom. Each faculty done Continuous Assessment on the basis of Attendance, Unit test, Assignments and performance in laboratory for every course in each semester and prepared the course attainment.



2.IQAC Minutes of Meeting





RAJGAD DNYANPEETH'S
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat .No-237, Pune Bangalore Highway, Dhangawadi, Tal-Bhor, Dist-Pune (Maharashtra)

REF No: RDTC/SCSCOE/IQAC/2020-21/

Date: 09/09/2020

NOTICE

A meeting of the Internal Quality Assurance Cell (IQAC) with the members of Local Society Nominee, Industry, Administrative staff and Faculty members of the institute will be held on 16th September 2020. The agenda of the meeting is as below.

Meeting Time: 11.00A.M. **Meeting Mode:** Online (Zoom Platform)

Meeting Link:

<https://us04web.zoom.us/j/6454805182?pwd=ZWdLcE5rbGlmQndpZlNIN0tJeFpGQT0>

9

Meeting ID: 645 480 5182 **Passcode:** rajgad

Agenda:-

1. Review of minutes of Eighth IQAC meeting.
2. Action taken report on the decision of the previous meeting.
3. Review of Academic Result and Action plan for improvement.
4. Conduction of Academic activities through online mode.
5. Planning to conduct Guest/Expert lectures/Workshop in A. Y. 2020-21.
6. Admission Process for A. Y. 2020-21.

All the IQAC members are requested to kindly attend the meeting.

Prof. T. M. Dudhane
IQAC Co-ordinator



Prof. Dr. S. B. Patil

Principal
Principal

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

CC:

1. All IQAC Members
2. All Head of Departments
3. Dean Academics
4. Dean R&D
5. Office Superintendent



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**THE NINTH MEETING OF THE INTERNAL QUALITY ASSURANCE
CELL(A.Y.2020-21)**

Date: 16/09/2020 **Time:** 11.00A.M. **Meeting Mode:** Online (Zoom Platform)

Meeting Link:

<https://us04web.zoom.us/j/6454805182?pwd=ZWdLcE5rbGlmQndpZlNIN0tJeFpGQT09>

Meeting ID: 645 480 5182

Passcode: rajgad

Agenda:-

1. Review of minutes of Eighth IQAC meeting.
2. Action taken report on the decision of the previous meeting.
3. Review of Academic Result and Action plan for improvement.
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6. Admission Process for A. Y. 2020-21.





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SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat .No-237, Pune Bangalore Highway, Dhangawadi, Tal-Bhor, Dist-Pune (Maharashtra)

Ref No: RDTSC/SCSCOE/IQAC/2020-21 /

Date: 16/09/2020

Internal Quality Assurance Cell (IQAC) Minutes of IQAC Ninth Meeting

9th Meeting: 16/09/2020

The following members attended the meeting.

Sr.No.	Designation and Affiliation	Name of Person
Chairperson		
1	Principal	Dr. S.B.Patil
Members from the management		
2	Co-ordination committee member	Mrs. Bhagyashri Patil
IQAC Co-ordinator		
3	Co-ordinator	Prof. T.M.Dudhane
Nominee from Local Society and industrialist		
4	Principal, Anantrao Thopte College, Bhor	Dr. P.G.Deshmukh
5	Industrialist (Industry Repr.)	Mr. B.S. Bhosale
Teacher Representatives		
6	Member. HOD, Computer Engineering	Prof. A.S.Sondkar
7	Member. HOD Civil Engineering	Prof. G.S.Jadhav
8	Member. HOD Mechanical Engineering	Prof. S.K.Pawar
9	Member. HOD F.E. Engineering	Prof. J.G.Kale
10	Dean Academics	Prof. D.B.Shelke
Administrative Officers		
11	Member, Administrative office	Shri G.D.Jagtap
12	Member, Estate Manager	Shri R.S.Khamkar
Nominee from students, Alumni and Stake holders		
13	Member of Alumni	Miss Sonali Gupta
14	Member of Student Representative	Mr. Prathamesh Deshpande

Due to Covid 19 Pandemic, 9th IQAC meeting for Academic year 2020-21 was conducted on zoom platform on 16th September 2020. The chairperson Dr. S. B. Patil welcomed the members for the 9th meeting of IQAC. The following points were discussed in the meeting.

Agenda 1:- Review of minutes of 8th IQAC meeting

It was informed that the 8th IQAC meeting was held on 19/12/2019 at 12.00 p.m. after going





through the minutes of the eighth meeting it was approved by the IQAC members.

Agenda 2:- Action taken report on the decision of the previous eighth IQAC meeting.

Sr. No.	Recommendation given by IQAC Committee	Action taken for implementation and outcomes
1	Training and placement activity and strengthening Industry Institute Interaction	Training and placement activities conducted as per the suggestion by Shri Bhanudas S. Bhosale, Industrialist (VCB.Electronics)
2	Review of Academic Activities	Conducted Academic Activities as per Institute and department wise calendar.
3	Quality Enhancement of the Institution	Made changes in Quality Enhancement of the Institution by IQAC

Agenda 3: Review of Academic Result and Action plan for improvement.

A review of previous Academic years results were taken. It is discussed that, take remedial lectures of poor result subjects.

Agenda 4: Conduction of Academic activities through online mode

Due to Covid-19 pandemic situation, the institute has to adapt online teaching-learning methodologies. Various initiatives such as recorded video lectures, additional teaching materials, e-books, etc were taken by staff for conducting teaching-learning processes through online mode. It is decided to continue the online teaching-learning activities along with regular teaching activities as per the guidelines of SPPU.

Agenda 5: Planning to conduct Guest/Expert lectures/Workshop/Seminar in A. Y. 2020-21

IQAC chairman Prof. Dr. S. B. Patil discussed about Online Guest/Expert lectures/Workshop/Seminar and it was resolved to organize subject related online Guest/Expert lectures, Seminars for benefits for all stakeholders.

Agenda 6: Admission Process for A. Y. 2020-21

Admission record for A. Y. 2020-21 was presented by office head. Online Admission process for A. Y. 2020-21 has discussed with all members.

Agenda 7: Any other point with permission of the chair

All measures followed by institution during pandemic were discussed and it was resolved to inform these measures and stay connected with all stakeholders.





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The conclusion of the meeting and proposed action plan

1. For Improving the academic result, need to take remedial lectures of poor result subjects.
2. IQAC suggest all departments to conduct Guest/Expert lectures/Workshop/Seminar in A. Y. 2020-21 considering Academic calendar.
3. Formation of Online Admission process committee for A. Y. 2020-21.

Prof. T. M. Dudhane, IQAC coordinator proposed the date for the next meeting and unanimously decided in the 2nd week of April 2021. The meeting ends with formal vote of thanks.

Prof. T. M. Dudhane
IQAC Co-ordinator



Prof. Dr. S. B. Patil

Principal

Principal

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

3.IQAC Notice
to
All Departments





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

Date – 17/04/2020

Notice

All the HOD and faculty members of RD's SCSCOE are hereby informed that, As per discussion in IQAC meeting regarding effective online teaching learning process considering Covid-19 pandemic situation, our Institute has been decided to use Google Classroom.

So all departmental HOD & faculty members should follow this.

Prof. T.M. Dudhane

IQAC Head



Prof. Dr. S.B. Patil

Principal
Principal

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

- 1) HOD OF FE:
- 2) HOD OF Mechanical Department:
- 3) HOD Of Civil Department:
- 4) HOD of E&TC Department:
- 5) HOD Of Computer Department:

4. Departmental Notice





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

Ref: RDTC/SCSCOE/E&Tc/2020-21/

Academic Year: 2020-21

Department- Electronics and Telecommunication Engineering

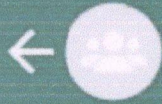
Notice

All the staff members of Electronics and Telecommunication Engineering are here by informed that, As per IQAC minutes of meeting regarding effective online teaching learning process, our institute has been decided to use Google classroom considering Covid-19 pandemic situation. So, all are requested to keep ready and upload the course content as per course file index in Google classroom.

HOD



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



SE E&TC 2020-21 Official

+91 90675 66295, Abhi Dondhe, Aniket...



All student of SE Electronics and Telecommunication Engineering are here by informed that, as per E&TC HOD minutes of meeting regarding effective online teaching learning process, our department has been decided to use Google Classroom for all subjects considering covid-19 pandemic situation. So all are requested to join the google classroom to access all study material.

10:15 pm ✓

Sign in - Google Accounts

classroom.google.com

<https://classroom.google.com/c/NDawMTA0ODc2NDQw?cjc=rdfuz2v>

10:15 pm ✓

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10:15 pm ✓

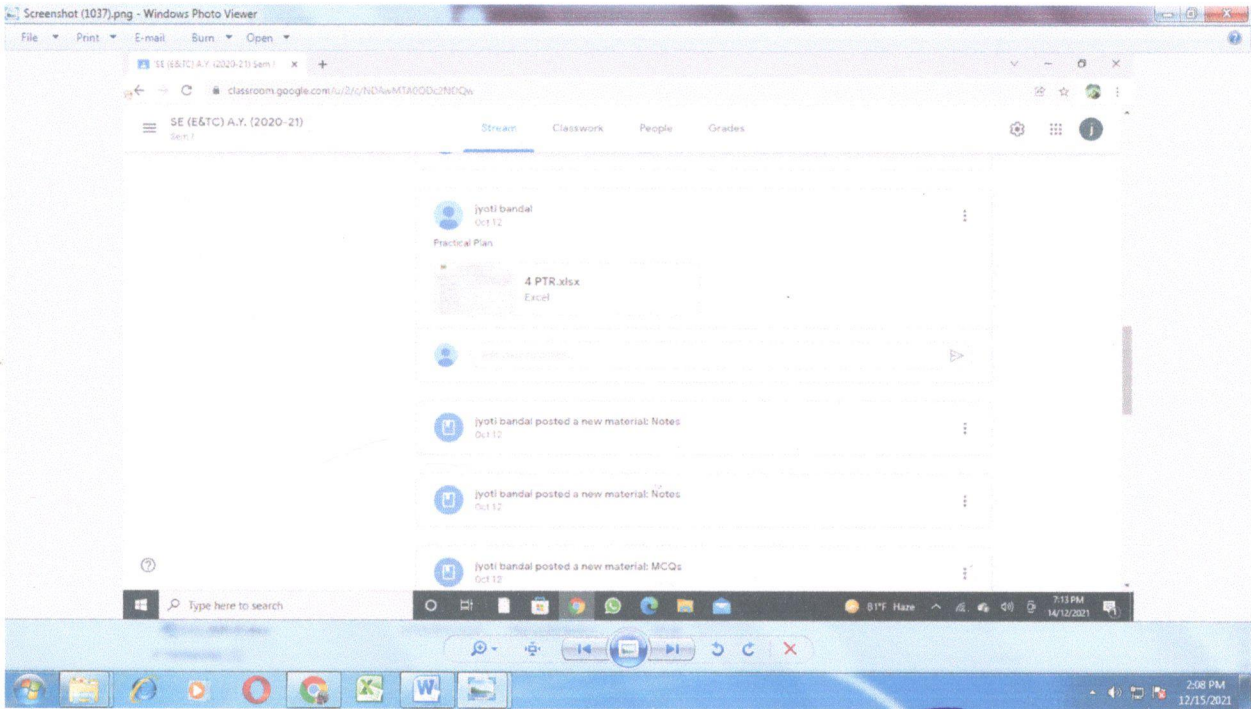
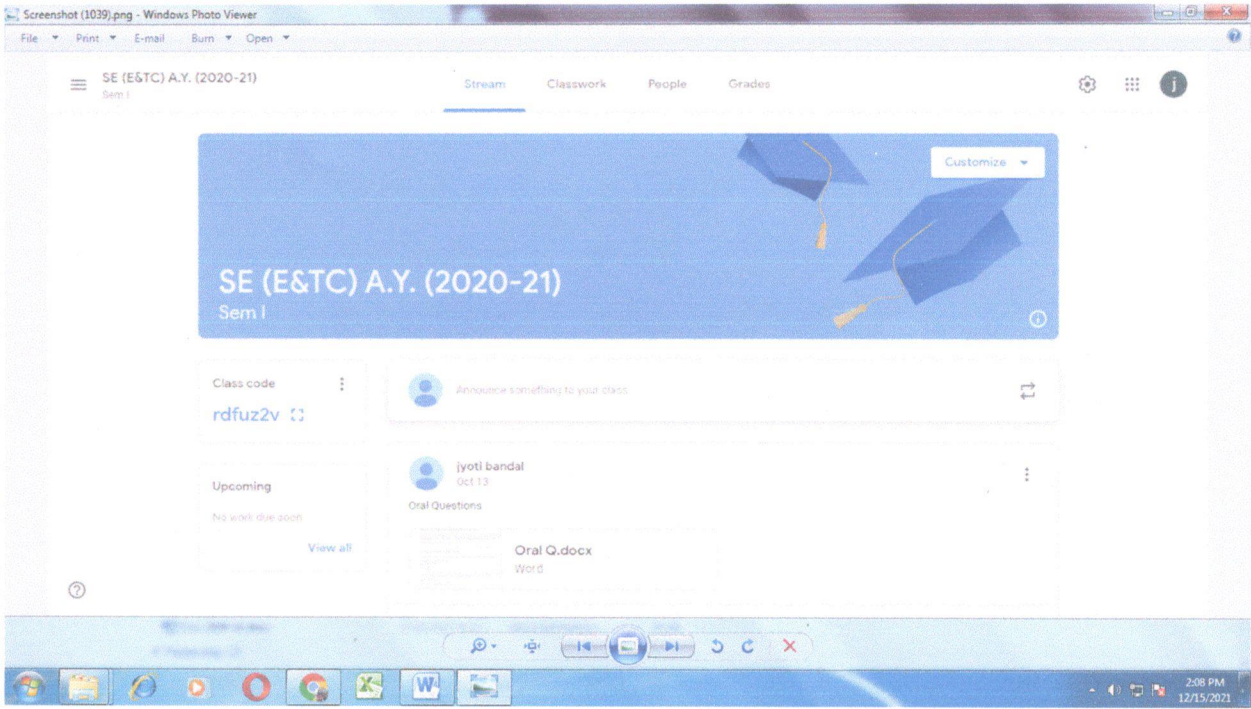


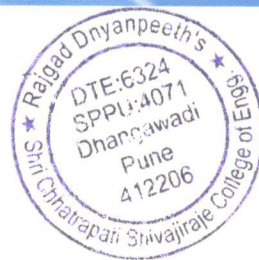
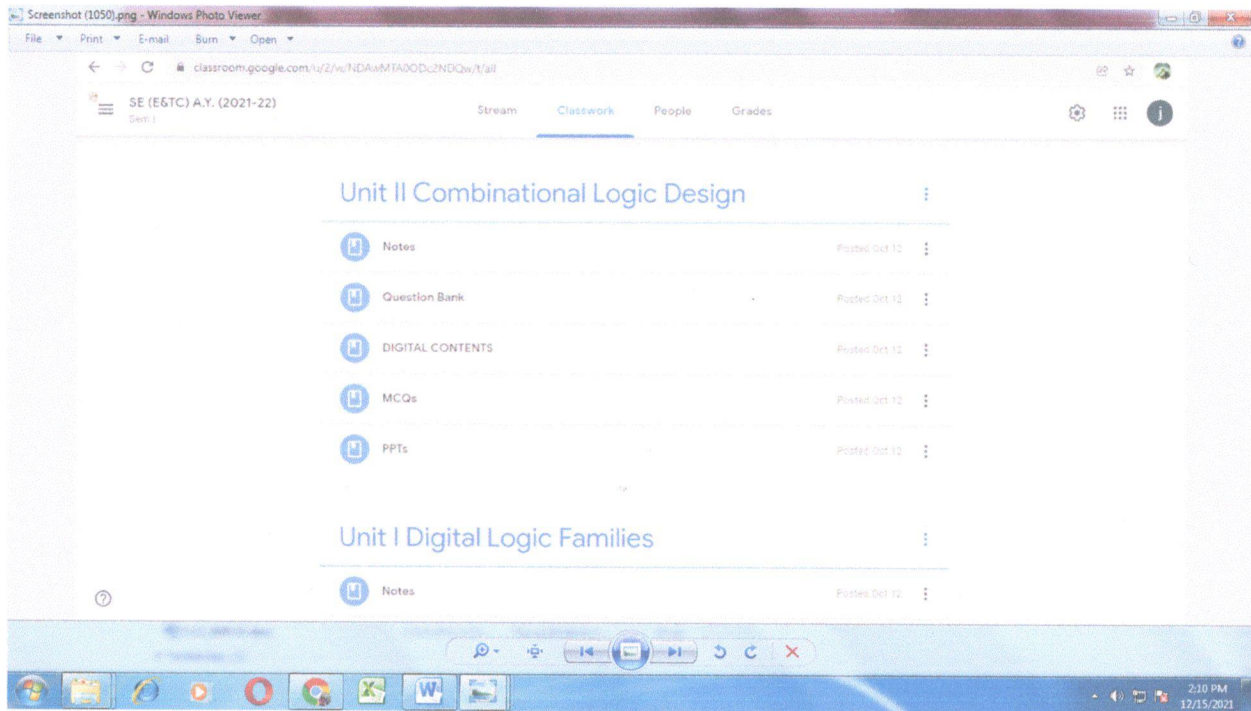
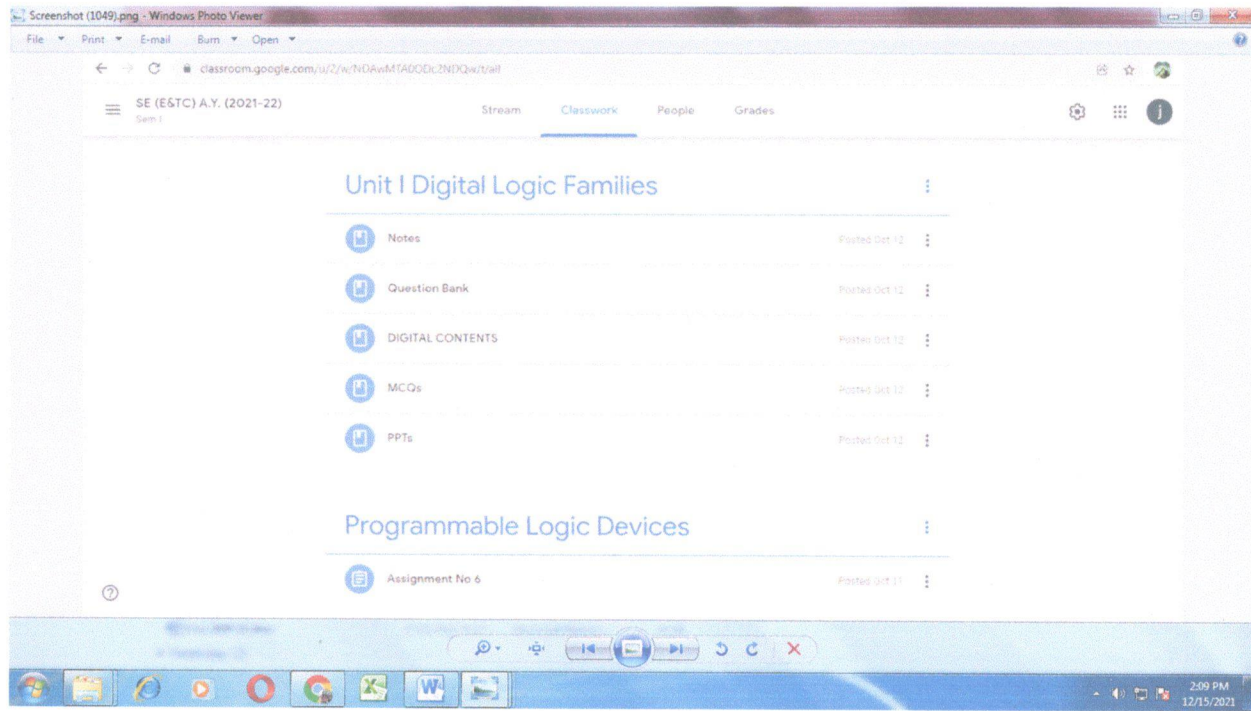
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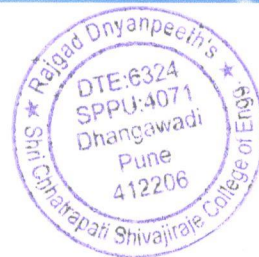
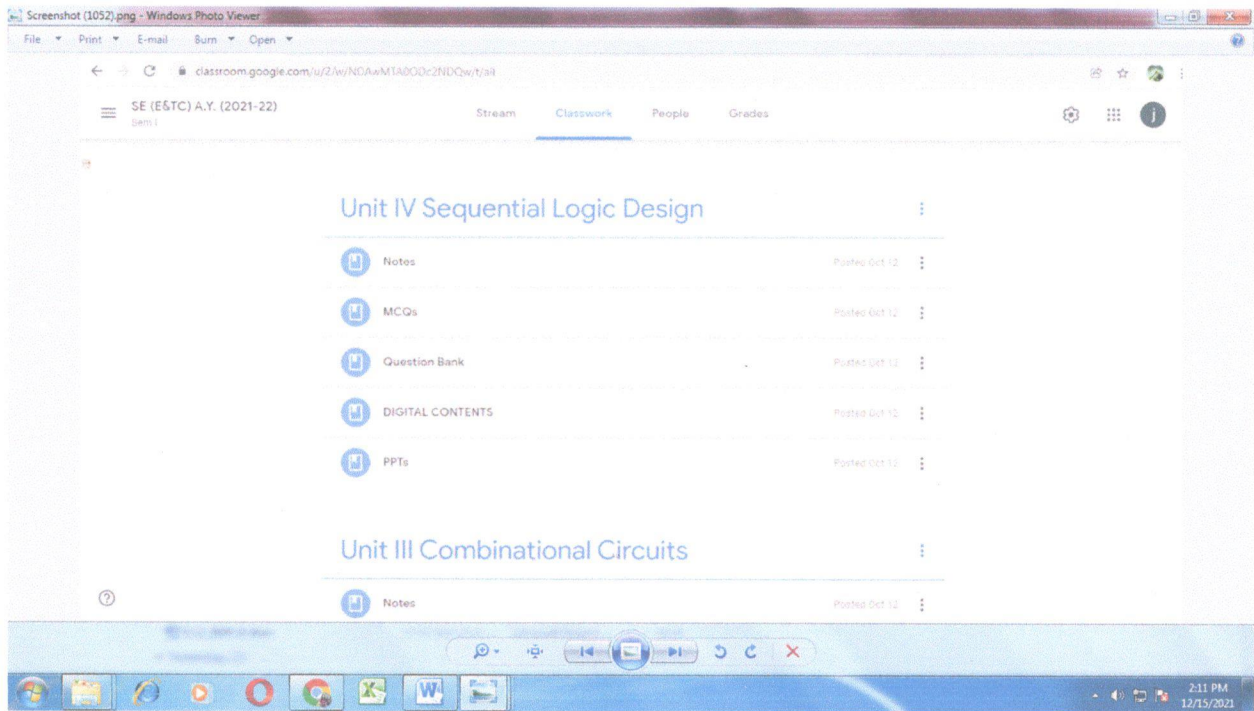
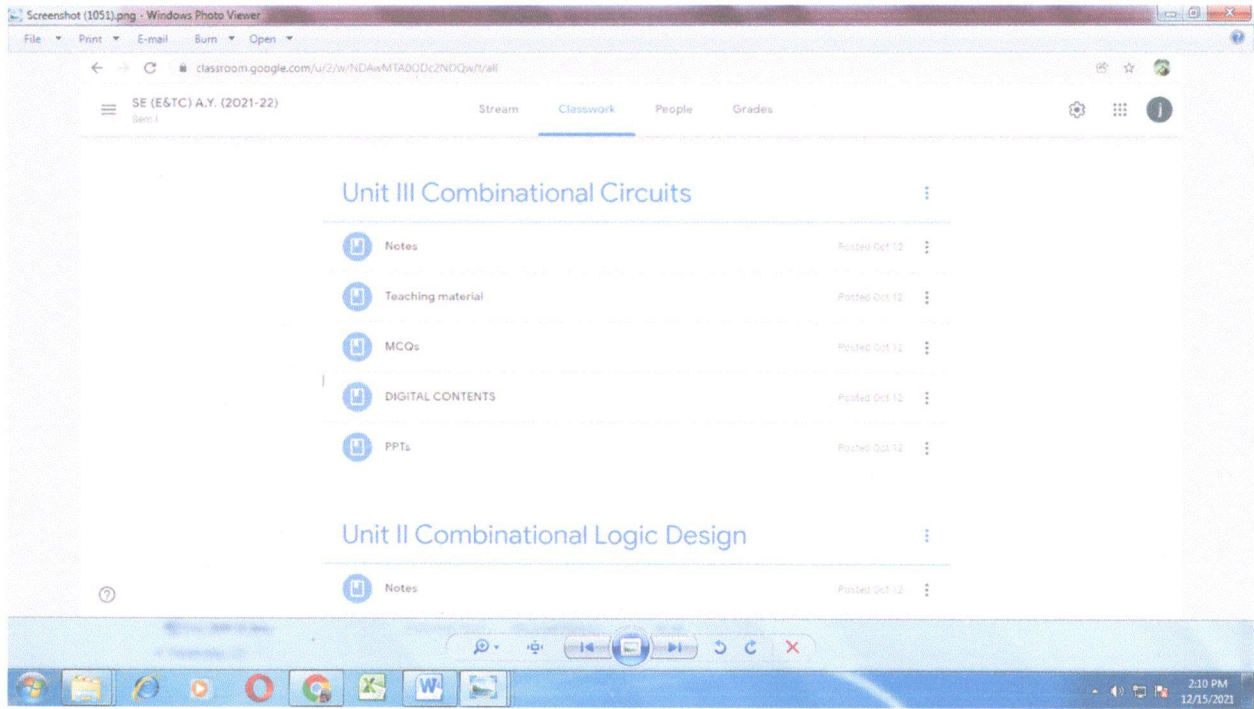


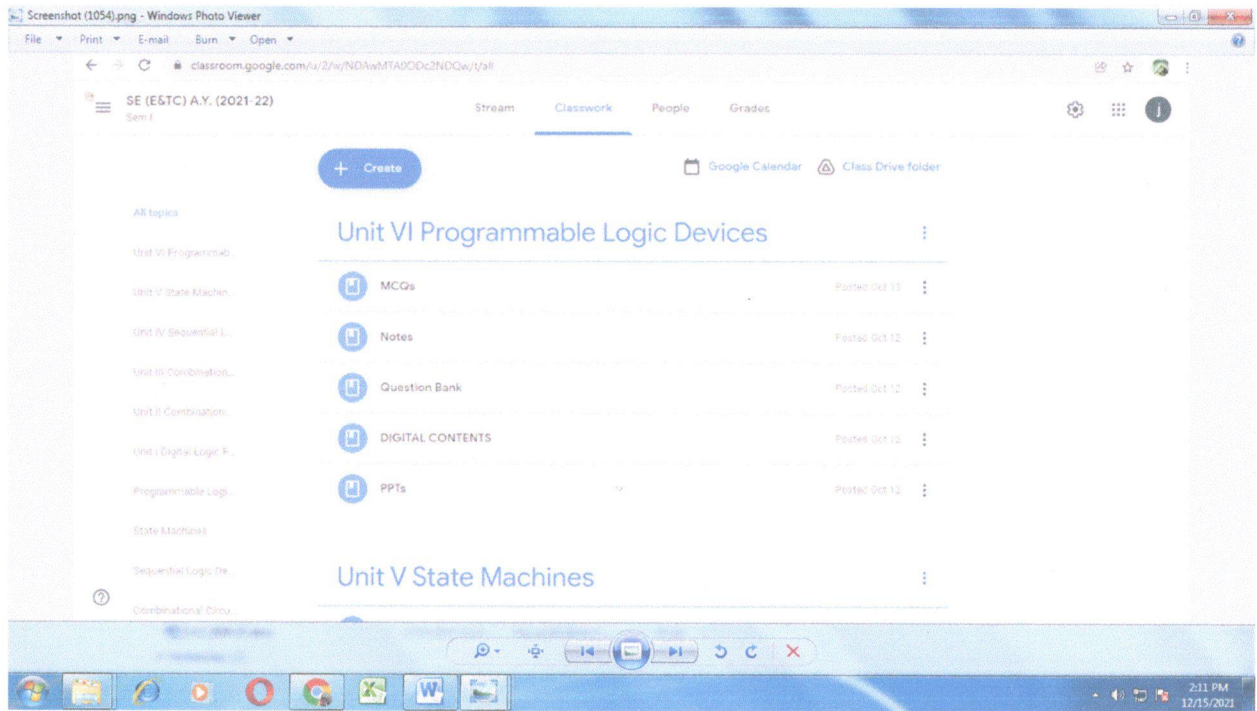
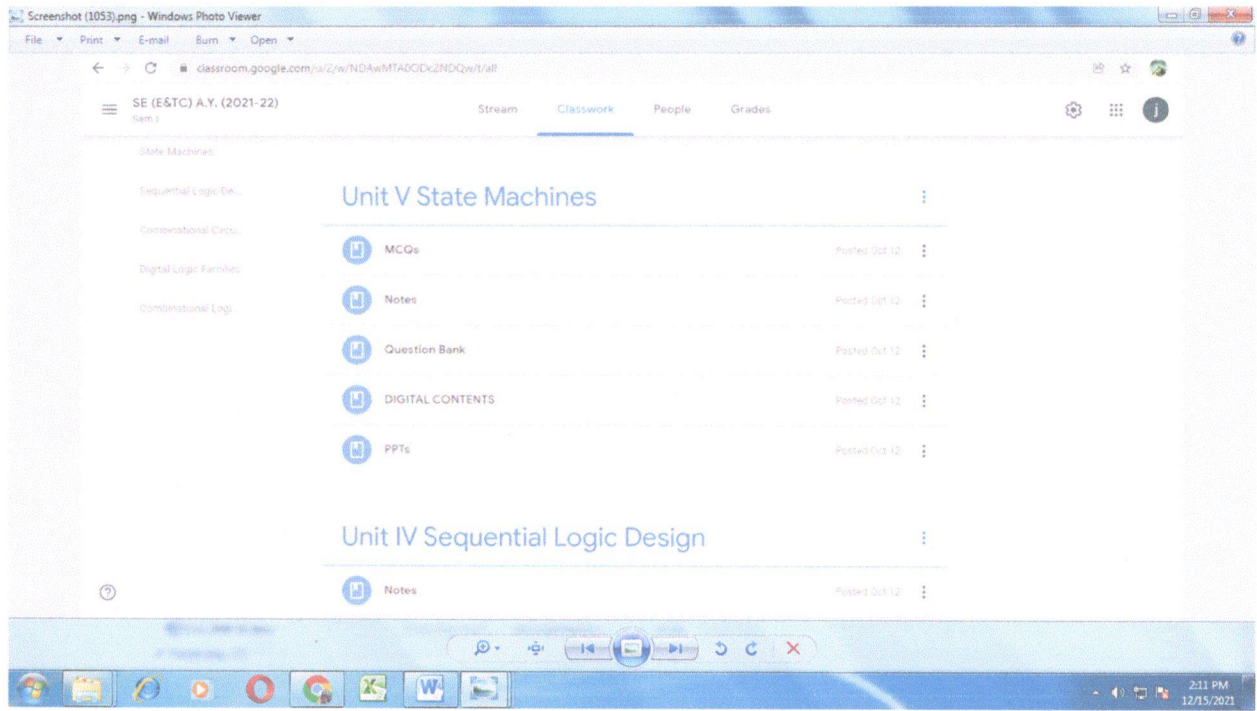
5. Sample copy
of
Google Classroom
for
Online Teaching
Learning Process

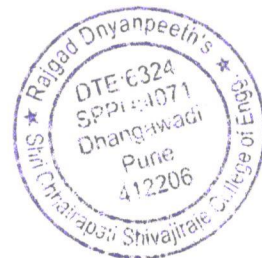
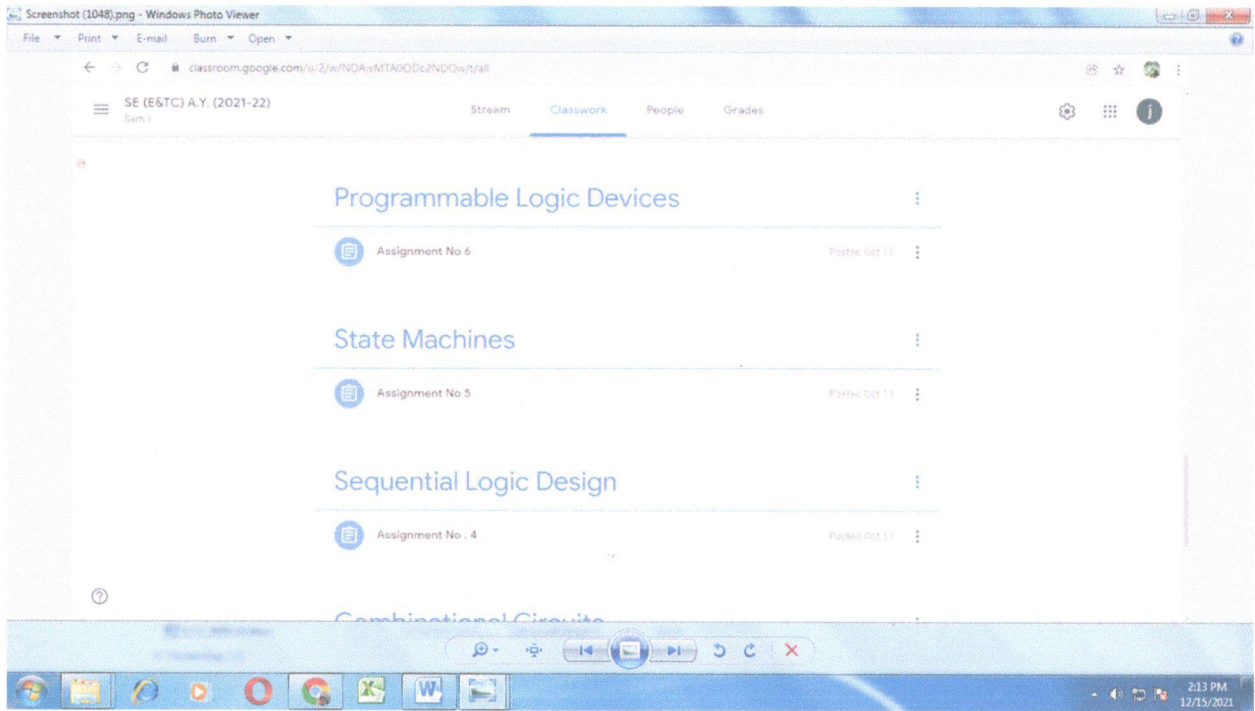
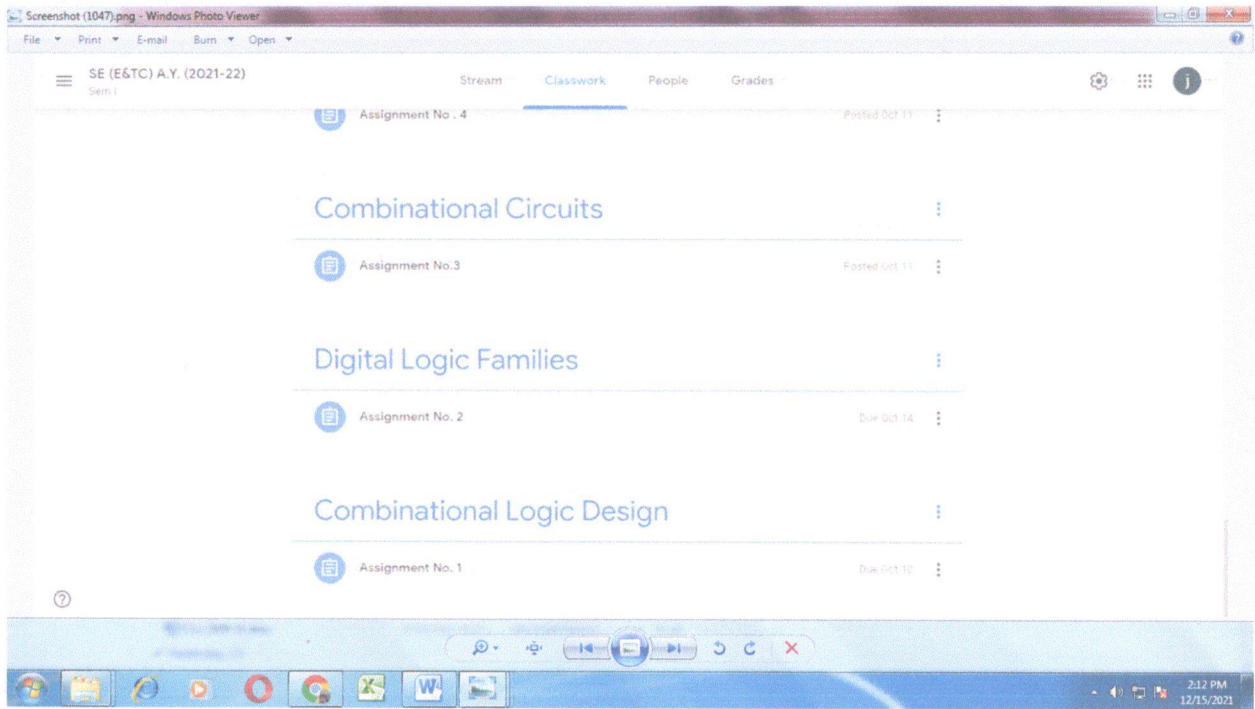


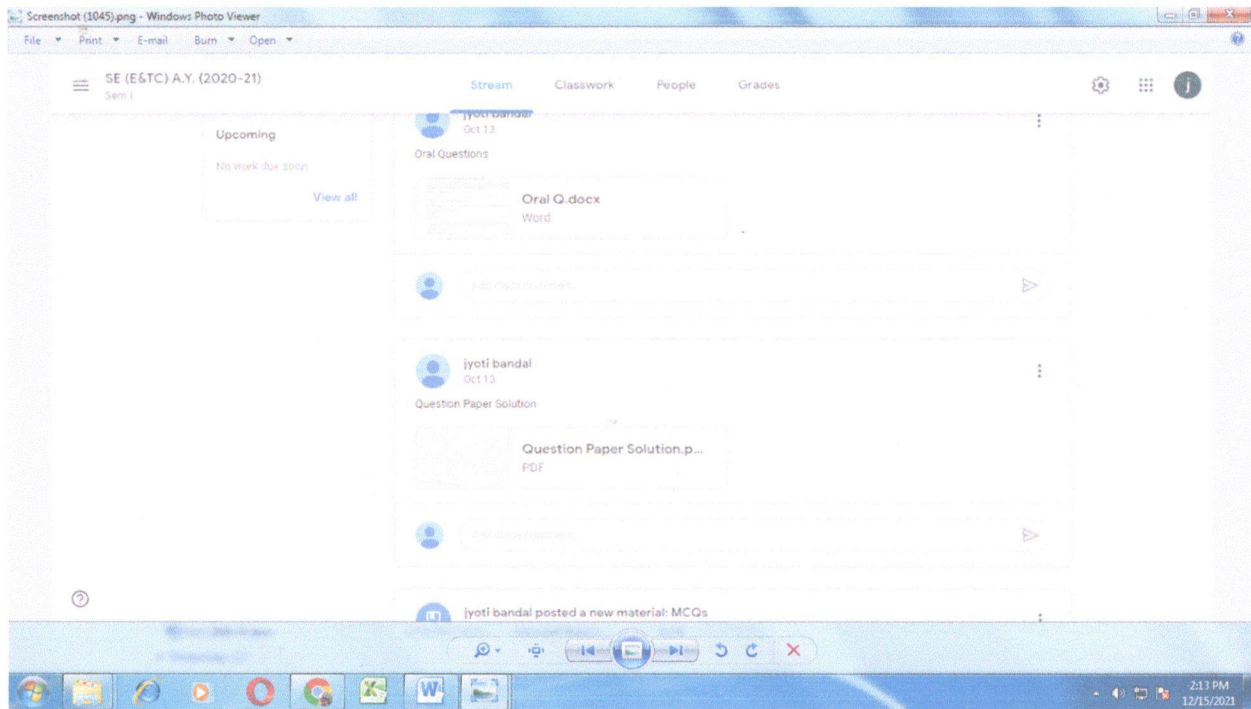
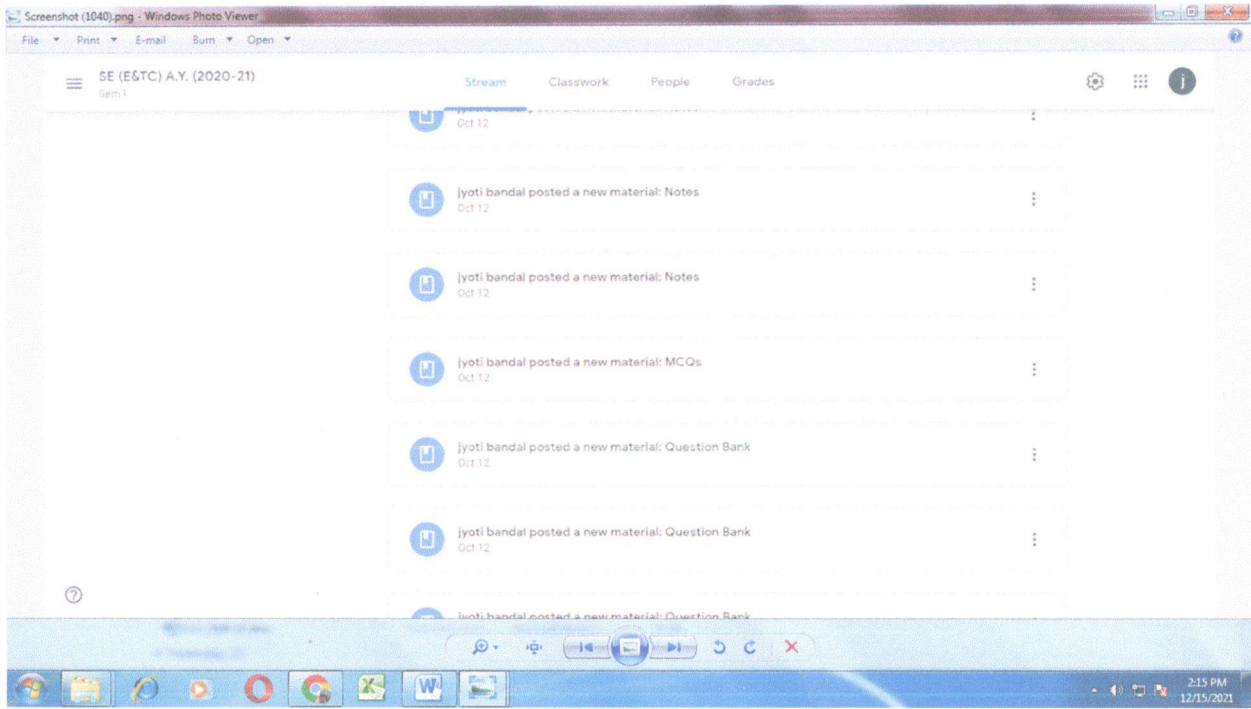


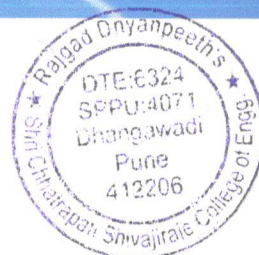
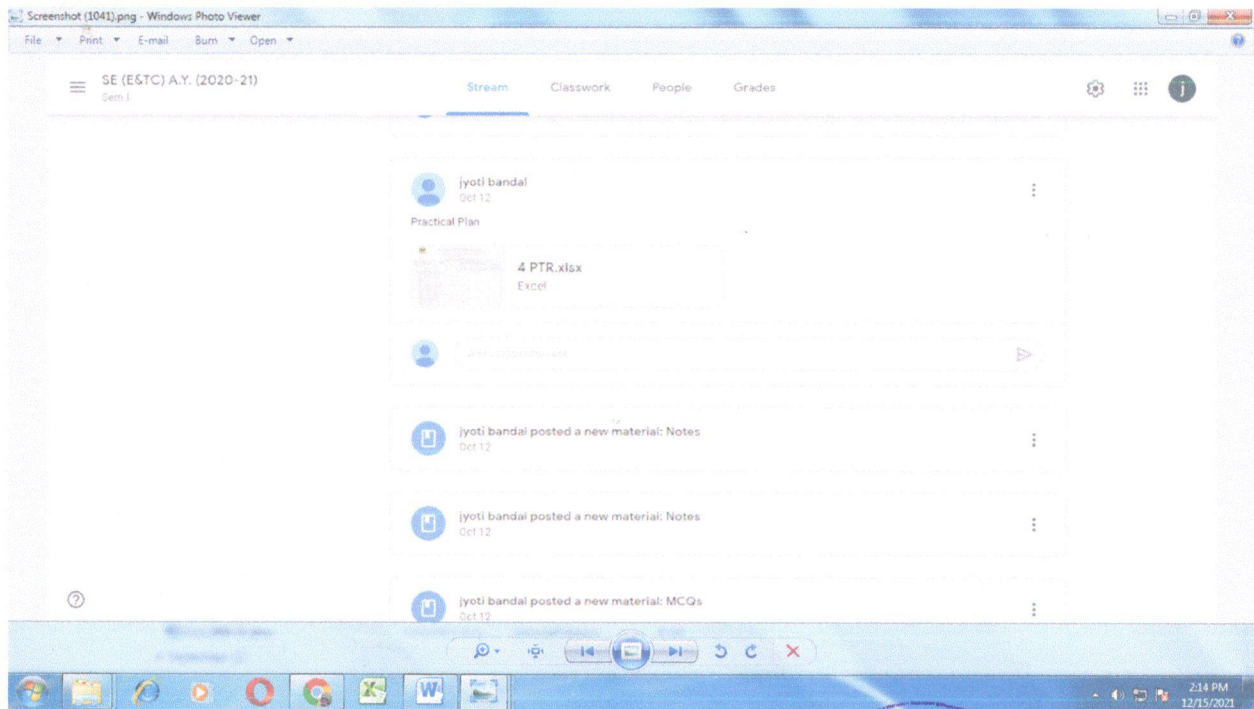
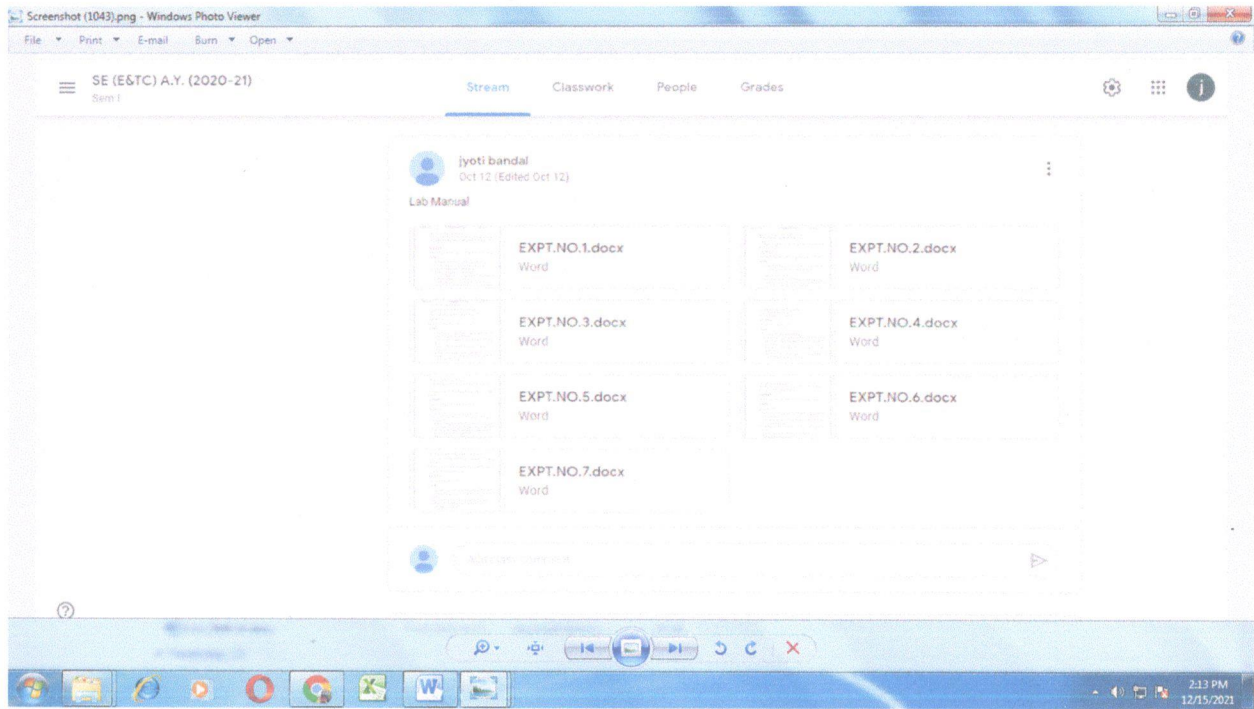












6. Sample copy
of
Continuous Evaluation
Report of Students



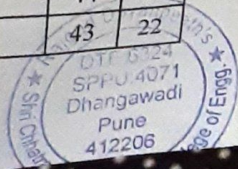


Rajgad Dnyanpeeth's
RAJGAD DNYANPEETH TECHNICAL CAMPUS
Shri Chhatrapati Shivajiraje College of Engineering
 Department of Electronics & Telecommunication Engineering
 A.Y. 2020-21 (Sem-I)
Termwork Assessment

Class: BE E & TC

Subject: Radiation & Microwave Techniques

Sr. No.	Roll No.	Name of the Student	Performance in Theory Course (20)			Performance in Laboratory (30)			Term Work (50)	Term Work (25)
			Attendance (10)	Unit Test (5)	Assignment (5)	Attendance (10)	Continuous Assessment (20)			
							Regularity (5)	Performance (15)		
1	BET17F001	BAGWE BHIKAJI ANIL	7	5	4	7	4	10	37	19
2	BET18D002	BHOSALE SONALI SUNIL	7	4	5	7	4	11	38	19
3	BET17F003	BOBADE GANESH ARJUN	8	5	5	9	4	10	41	21
4	BET17D004	DESHPANDE PRATHAMESH VIKAS	8	3	5	8	4	9	37	19
5	BET15D005	DEVDIKAR SHARSHCHANDRA SITARAM	8	5	5	9	5	10	42	21
6	BET18D006	DOIPHODE PARAG PRAMODRAO	8	4	4	8	4	9	37	19
7	BET17D007	DUDHANE SNEHA PRAKASH	8	4	4	8	4	9	37	19
8	BET18D008	GHADAGE SAYALI RAJENDRA	9	5	5	9	5	11	44	22
9	BET17D009	GOLGIRI BHARATI BABU	8	4	4	8	4	9	37	19
10	BET17F010	GORAD SNEHAL SANDESH	9	5	5	9	5	10	43	22
11	BET17F011	HINGE PRATHAMESH BALASAHEB	8	5	5	8	4	11	41	21
12	BET16D012	HOUSARE NIKHIL DADASO	7	3	5	7	4	9	35	18
13	BET17D013	JADHAV DIPALI BALU	9	3	5	9	4	11	41	21
14	BET18D014	JAGTAP GOURAV HANUMANT	7	4	4	7	4	9	35	18
15	BET18D015	JANGAM KARISHMA HARIBHAU	7	3	4	7	4	10	35	18
16	BET17D016	KAMBLE ANKITA AJAY	9	4	5	9	4	10	41	21
17	BET17D017	KARALE PRIYANKA SANJAY	9	4	5	9	4	11	42	21
18	BET16D018	KASURDE PRATIKSHA DATTATRAYA	9	5	4	9	4	10	41	21
19	BET18D019	KAYANGUDE NIKHIL MAHADEV	8	4	4	8	4	10	38	19
20	BET17D020	KEDARI BHAGYASHRI TUKARAM	8	4	5	8	5	10	40	20
21	BET18D021	KHOPADE POONAM RAJARAM	9	5	5	9	5	12	45	23
22	BET18D022	KHOPADE SAYALI DATTATRAY	9	5	4	9	5	12	44	22
23	BET16D023	MADGUDE AKSHAY LAXMAN	7	3	4	7	4	9	34	17
24	BET18D024	MAHANGARE DAMINI SHIVAJI	10	5	5	9	4	11	44	22
25	BET18D025	MANDHARE SONAL VASANT	9	5	5	9	4	12	44	22
26	BET18D026	MORE KARISHMA SUDHIR	9	4	4	8	4	11	40	20
27	BET18D027	MORE MANASI PRAVIN	8	4	5	8	5	11	41	21
28	BET17D028	MORE SAYLI LAXMAN	9	4	5	8	4	10	40	20
29	BET18D029	NALE BHAKTI SANJAY	9	3	5	10	5	12	44	22
30	BET18D030	PATIL SAYALI SHRINIVAS	9	4	4	9	4	10	40	20
31	BET18D031	PAWAR ASHWINI RAMESH	10	4	5	9	5	11	44	22
32	BET18D032	PHALLE PRANALI VINAYAK	9	4	5	9	4	12	43	22



Sr. No.	Roll No.	Name of the Student	Performance in Theory Course (20)			Performance in Laboratory (30)			Term Work (50)	Term Work (25)
			Attendance (10)	Unit Test (5)	Assignment (5)	Attendance (10)	Continuous Assessment (20)			
							Regularity (5)	Performance (15)		
33	BET18D033	REDKAR AARTI SHARAD	10	4	4	9	4	11	42	21
34	BET17D034	SALUNKHE SURAJ YUVRAJ	7	3	5	7	4	9	35	18
35	BET17F035	SHELAR PRATIKSHA PRADIP	7	3	5	7	4	9	35	18
36	BET16D036	SHINGADE ASHWINI SHANKAR	8	4	4	8	4	10	38	19
37	BET17D037	SHIRWALKAR NEHA RAVINDRA	9	4	5	9	4	11	42	21
38	BET18D038	SHIVTARE RUCHITA RAJENDRA	9	4	5	9	4	12	43	22
39	BET18D039	SONAR DHANANJAY ARUN	7	4	4	7	4	9	35	18
40	BET16F040	VEER ABHILASHA MOHAN	9	4	5	9	4	12	43	22
41	BET18D041	WALHEKAR PRASAD DNYANOBA	8	4	5	9	4	12	42	21
42	BET16D042	KINDRE KIRAN LAXMAN	8	3	5	8	4	9	37	19
43	BET14D043	PAWAR AKSHAY ANADRAO	7	3	4	7	4	10	35	18
44	BET17D044	GADE ARTI SOPAN	8	3	5	7	4	9	36	18

Rohini
Prof. R. S. Nipani kerr.
Subject Incharge

T. M. Dudhane
Prof. T. M. Dudhane
HOD (E & TC)
Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivaji-raje College of Engg
Dhangawadi, Pune-412206



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

PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : EATC Engg.

Class : B.E.

Batch : B4

Subject :- RMT

Sem : I

Academic Year : 2020-2021

Roll No.	Name of Student	Introduction to Antenna Parameters Date: 29/07/2020						Measure RP. & Gain Date: 04/08/2020						Simulation of Antenna Array Date: 13/08/2020						Mode char. of Reflex H/ys Date: 25/08/2020						VI Char. of Ground/lede Date: 08/09/2020						Waveguide TEES Date: 15/09/2020						Port char. of Directional cut Date: 29/09/2020						Total out of	Signature of Student
		1 (P/A)	2 (DC)	3 (MR)	4 (MP)	5 (MU)	6 (TM)	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6								
17F001	Bagwe Bhikaji	P	04/8	3	3	3	9	P	18/8	3	3	2	8	P	25/8	3	3	2	8	P	08/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	3	2	8	P	13/10	3	2	1	6		Bagwe
18D002	Bhosale Sonali	P	4/8	3	3	3	9	P	18/8	3	3	2	8	P	25/8	2	3	2	7	P	8/9	3	3	2	8	P	15/9	3	2	2	7	P	29/9	3	3	1	7	P	13/10	3	2	2	7		sonali
17F003	Bobade Ganesh	P	4/8	3	3	3	9	P	18/8	3	3	3	9	P	25/8	3	4	2	9	P	8/9	3	3	2	8	P	15/9	3	3	2	8	P	29/9	3	2	1	6	P	14/10	3	2	2	7		Ganesh
17D004	Deshpande Prathmesh	P	4/8	3	3	3	9	P	18/8	3	3	2	8	P	25/8	3	3	2	8	P	8/9	3	2	2	7	P	15/9	3	3	2	8	P	29/9	3	3	2	8	P	13/10	3	2	1	6		Deshpande
15D005	Devadikar Shantshubham	P	4/8	3	3	3	9	A	25/8	2	2	2	6	P	25/8	3	3	2	8	P	8/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	2	1	6	P	13/10	3	2	1	6		Devadikar
18D006	Doiphode Parag	P	4/8	3	3	2	8	P	18/8	3	3	2	8	P	25/8	2	3	2	7	P	8/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	2	1	6	P	13/10	3	2	2	7		Parag
17D007	Dudhane Sneha	P	4/8	3	3	2	8	P	18/8	3	3	2	8	P	25/8	3	2	2	7	P	8/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	2	1	6	P	13/10	3	2	1	6		Snehad
18D008	Ghadge Sayali	P	4/8	3	3	3	9	P	18/8	3	3	3	9	P	25/8	3	4	2	9	P	8/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	3	2	8	P	14/10	3	2	1	6		Sayali
17D009	Goljiri Bharti	A	18/8	3	3	2	8	P	18/8	3	2	2	7	P	25/8	3	3	2	8	P	8/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	2	2	7	P	13/10	3	2	2	7		Bhavad
17F010	Govard Snehal	P	4/8	3	3	3	9	P	18/8	3	3	3	9	P	25/8	3	4	2	9	P	8/9	3	2	2	7	P	15/9	3	3	2	8	P	29/9	3	2	1	6	P	13/10	3	3	1	7		Snehal
17F011	Hinge Prathmesh	P	4/8	3	3	3	9	P	18/8	3	3	3	9	P	25/8	3	3	2	8	P	8/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	2	1	6	P	13/10	3	2	1	6		Prathmesh
16D012	Howare Nikhil	P	4/8	2	3	2	7	P	18/8	3	3	2	8	P	25/8	3	2	2	7	P	8/9	3	2	2	7	P	15/9	3	2	2	7	A	13/10	2	3	2	7	P	13/10	3	3	2	8		Nikhil
17D013	Jadhav Dipali	P	4/8	3	3	3	9	P	18/8	3	3	2	8	P	25/8	3	3	2	8	P	8/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	3	2	8	P	13/10	3	2	1	6		Jadhav
18D014	Jagtap Gaurav	P	4/8	2	3	2	7	P	18/8	3	3	2	8	P	25/8	3	3	2	8	P	8/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	2	1	6	P	13/10	3	3	2	8		Gaurav
18D015	Jangam Karishma	P	4/8	3	3	3	9	P	18/8	3	2	2	7	P	25/8	2	3	2	7	P	8/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	2	1	6	P	13/10	3	2	1	6		Karishma
17D016	Kamble Anika	P	4/8	3	3	3	9	P	18/8	3	3	2	8	P	25/8	3	3	2	8	P	8/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	3	2	8	P	13/10	2	2	3	7		Anika
17D017	Kanale Priyanka	P	4/8	3	3	3	9	P	18/8	3	3	2	8	P	25/8	3	3	2	8	P	8/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	2	1	6	P	13/10	3	2	1	6		Priyanka
16D018	Kasurde Pratiksha	P	4/8	3	3	3	9	P	18/8	3	2	2	7	P	25/8	3	3	2	8	P	8/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	3	2	8	P	13/10	3	3	2	7		Pratiksha
18D019	Katayade Nikhil	P	4/8	3	3	3	9	P	18/8	3	3	2	8	P	25/8	3	3	2	8	P	8/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	2	1	6	P	13/10	3	2	1	6		Nikhil
17D020	Kedari Bhagyashree	P	4/8	3	3	2	8	P	18/8	3	3	2	8	P	25/8	3	3	2	8	P	8/9	3	2	2	7	P	15/9	3	2	2	7	P	29/9	3	2	1	6	P	13/10	3	2	1	6		Kedari
18D021	Khopale Purnima	P	4/8	3	3	3	9	P	18/8	3	3	3	9	P	25/8	3	4	3	10	P	8/9	3	2	2	7	P	15/9	3	3	2	7	P	29/9	3	2	1	6	P	13/10	3	2	1	6		Purnima
18D022	Khopde Sayali	P	4/8	3	3	3	9	P	18/8	3	3	3	9	P	25/8	3	4	3	10	P	8/9	3	2	2	7	P	15/9	3	3	2	7	P	29/9	3	2	1	6	P	13/10	3	2	1	6		Sayali

Name & Sign of Subject Incharge : Prof. R.S. Niparikar Rahmi

Head of Department
Head of Department
Dept. of E & TC Engineering

(P/A) : Present / Absent

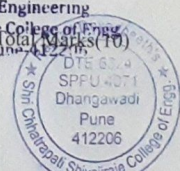
DC : Date of Completion

MR : Marks for regularity (03)

MP : Marks for Performance (4)

MU : Marks for Understanding (3)

Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206



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

PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : E & TC

Class : BE

Batch : B1

Subject :- RMT

Sem : I

Academic Year : 2020-2021

Roll No.	Name of Student	Patchwork of Isolator - Date: 13/10/2020						Measure λ of u-wave Date: 20/10/2020																		Total out of	Signature of Student							
		1 (P/A)	2 (DC)	3 (MR)	4 (MP)	5 (MU)	6 (TM)	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6			1	2	3	4	5	6	
17F001	Bagwe Bhikaji	P	20/10	3	2	1	6	P	27/10	2	2	2	6																				7	Bagwe
18D002	Bhale Sonali	P	20/10	3	2	1	6	P	27/10	3	2	2	7																				7	Sonali
17F003	Bobade Ganesh	P	20/10	3	2	1	6	P	27/10	3	2	2	7																				8	Gobade
17D004	Deshpande Prathmesh	P	20/10	3	2	2	7	P	27/10	3	2	2	7																				8	Deshpande
15D005	Devadikar Shrawasth	P	20/10	3	2	1	6	P	27/10	3	2	2	7																				8	Devadikar
18D006	Draiphade Parag	P	20/10	3	2	1	6	P	27/10	2	2	2	6																				7	Parag
17D007	Dudhase Sneha	P	20/10	3	2	1	6	P	27/10	3	2	2	7																				7	Snehad
18D008	Ghadge Sayali	P	20/10	3	3	2	7	P	27/10	3	2	2	7																				7	Sayali
17D009	Goligisi Bharti	P	20/10	3	2	1	6	P	27/10	3	2	1	6																				8	Bharti
17F010	Gurad Snehal	P	20/10	3	3	2	8	P	27/10	3	2	2	7																				7	Snehal
17F011	Hinge Prathmesh	P	20/10	3	2	2	7	P	27/10	3	2	1	6																				8	Prathmesh
16D012	Haware Nikhil	P	20/10	3	2	1	6	P	27/10	2	2	2	6																				7	Nikhil
17D013	Jadhav Dipali	P	20/10	3	2	1	6	P	27/10	3	2	2	7																				8	Jadhav
18D014	Jagtap Gourav	P	20/10	3	2	1	6	P	27/10	2	2	2	6																				7	Gourav
18D015	Jangam Karishma	P	20/10	3	2	1	6	P	27/10	3	2	2	7																				8	Karishma
17D016	Kamble Ankit	P	20/10	3	2	1	6	P	27/10	3	2	2	7																				7	Ankit
17D017	Karale Pranjana	P	20/10	3	2	1	6	P	27/10	3	2	2	7																				7	Pranjana
16D018	Kasurde Pratiksha	P	20/10	3	2	1	6	P	27/10	3	2	2	7																				8	Pratiksha
18D019	Kayande Nikhil	P	20/10	3	2	2	7	P	27/10	3	2	2	7																				8	Nikhil
17D20	Kedari Bhagyashree	P	20/10	3	2	2	7	P	27/10	3	2	2	7																				8	Bhagyashree
18D021	Khopade Poonam	P	20/10	3	2	2	7	P	27/10	3	2	2	7																				8	Poonam
18D022	Khopade Sayali	P	20/10	3	2	2	7	P	27/10	3	2	2	7																				8	Sayali

Name & Sign of Subject Incharge : Prof. R.S. Nipani

Head of Department

Head of Department

Dept. of E & TC Engineering

Shri Chh. Shivajiraje College of Engg.

Dhangwadi, Pune - 412206

(P/A) : Present / Absent

DC : Date of Completion

MR : Marks for regularity (03)

MP : Marks for Performance (4)

MU : Marks for Understanding (3)



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

PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : E&TC Engg. Class : BE. Batch : B2 Subject :- RMT Sem : I Academic Year : 2020-2021

Roll No.	Name of Student	Measure Radiation Pattern & Gain						Simulate Antenna array						Mode char. of Reflex Hpln						VT Char. of Grounded char. of WPTES						Port char. of P.C.						Port char. of ISohr						Signature of Student						
		1 (P/A)	2 (DC)	3 (MR)	4 (MP)	5 (MU)	6 (TM)	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6		Total out of					
16D023	Madgule Akshay	P	3	2	2	7	20/8	P	27/8	3	3	2	8	P	10/9	3	2	2	8	P	17/9	3	2	2	7	P	7/10	2	2	2	6	P	4/10	3	2	2	7	P	27/10	3	3	2	8	Atchay
18D024	Mahapatra Damini	P	3	3	3	9	20/8	P	27/8	3	4	3	10	P	10/9	3	3	2	8	P	17/9	3	3	2	8	P	7/10	3	3	2	8	P	4/10	3	2	1	6	P	27/10	3	3	2	8	Mahapatra
18D025	Mandhare Sonal	P	3	3	2	8	20/8	P	27/8	3	3	2	8	P	10/9	3	2	2	7	P	17/9	3	2	2	7	P	7/10	2	2	2	6	P	4/10	3	2	1	6	P	27/10	3	3	2	8	Sonal
18D026	Morre Karishma	P	3	2	2	7	20/8	P	27/8	3	3	2	8	P	10/9	3	3	2	8	P	17/9	3	2	2	7	P	7/10	3	3	2	8	P	4/10	3	2	1	6	P	27/10	3	2	2	7	Karishma
18D027	Morre Manasi	P	3	2	2	7	20/8	P	27/8	3	3	2	8	P	10/9	3	2	2	7	P	17/9	3	2	2	7	P	7/10	3	2	2	7	P	4/10	3	2	2	7	P	27/10	3	3	2	8	Manasi
17D028	Morre sayali	P	3	2	2	7	20/8	P	27/8	3	3	2	8	P	10/9	3	2	2	7	P	17/9	3	2	2	7	P	7/10	3	2	2	7	P	4/10	3	2	1	6	P	27/10	3	2	1	7	Sayali
18D029	Nale Bhakti	P	3	3	2	8	20/8	P	27/8	3	3	2	8	P	10/9	3	3	2	8	P	17/9	3	3	2	8	P	7/10	2	3	2	7	P	4/10	3	2	1	6	P	27/10	3	3	2	8	Bhakti
18D030	Patil sayali	P	3	2	2	7	20/8	P	27/8	3	3	2	8	P	10/9	3	2	2	7	P	17/9	3	2	2	7	P	7/10	3	2	2	7	P	4/10	3	2	2	7	P	27/10	3	3	2	8	Sayali
18D031	Pawar Ashwini	P	3	3	3	9	20/8	P	27/8	3	4	3	9	P	10/9	3	3	2	8	P	17/9	3	3	2	8	P	7/10	2	3	2	7	P	4/10	3	2	1	6	P	27/10	3	2	1	6	Ashwini
18D032	Phalle Pranali	P	3	2	2	7	20/8	P	27/8	3	3	2	8	P	10/9	3	3	2	8	P	17/9	3	2	2	7	P	7/10	3	2	2	7	P	4/10	3	2	1	6	P	27/10	3	3	2	8	Pranali
18D033	Redkar Anati	P	3	2	2	7	20/8	P	27/8	3	3	2	8	P	10/9	3	2	2	7	P	17/9	3	2	2	7	P	7/10	3	3	2	8	P	4/10	3	2	2	7	P	27/10	3	3	2	8	Anati
17D034	Solunke Suraj	P	3	2	2	7	20/8	P	27/8	3	3	2	7	A	17/9	2	2	2	6	P	17/9	3	2	2	7	P	7/10	2	3	3	8	P	4/10	3	2	2	7	P	27/10	3	2	2	7	Suraj
17F035	Shelar Pratiksha	P	3	2	2	7	20/8	P	27/8	3	2	2	7	P	10/9	3	2	2	7	P	17/9	3	2	2	7	P	7/10	2	3	2	7	P	4/10	3	2	2	7	P	27/10	3	3	2	8	Pratiksha
16D036	Shingade Ashwini	P	3	2	2	7	20/8	P	27/8	3	2	2	7	P	10/9	3	2	2	7	P	17/9	3	2	2	7	P	7/10	3	3	2	8	P	4/10	3	3	1	7	P	27/10	3	2	2	7	Ashwini
17D037	Shiswankar Neha	P	3	2	2	7	20/8	P	27/8	3	3	2	8	P	10/9	3	2	2	7	P	17/9	3	2	2	7	P	7/10	3	3	2	8	P	4/10	3	3	1	7	P	27/10	3	3	2	8	Neha
18D038	Shivare Ruchita	P	3	3	2	8	20/8	P	27/8	3	3	2	8	P	10/9	3	3	1	7	P	17/9	3	3	2	7	P	7/10	2	3	3	8	P	4/10	3	3	1	7	P	27/10	3	3	2	8	Ruchita
18D039	Sonar Dhananjay	P	3	2	2	7	20/8	P	27/8	3	2	2	7	A	17/9	2	2	1	5	P	17/9	3	2	2	7	P	7/10	3	2	3	8	P	4/10	3	2	1	6	P	27/10	3	3	2	8	Dhananjay
16F040	Neer Abhilasha	P	3	3	2	8	20/8	P	27/8	3	3	2	8	P	10/9	3	3	2	8	P	17/9	3	3	2	7	P	7/10	3	3	2	8	P	4/10	3	2	1	6	P	27/10	3	3	2	8	Abhilasha
18D041	Walhakar Praveen	P	3	3	2	8	20/8	P	27/8	3	3	2	8	P	10/9	3	2	2	7	P	17/9	3	3	2	7	P	7/10	3	2	3	8	P	4/10	3	3	2	8	P	27/10	3	3	2	8	Praveen
16D042	Kindre Kiran	A	2	2	2	6	10/9	P	27/8	3	2	2	7	P	10/9	3	2	2	7	A	17/9	2	2	2	6	P	7/10	3	3	2	8	P	4/10	3	2	1	8	P	27/10	3	3	2	8	Kiran
14D043	Pawar Akshay	A	2	2	2	6	10/9	P	27/8	3	2	2	7	P	10/9	3	2	2	7	P	17/9	3	2	2	7	P	7/10	3	2	3	8	P	4/10	3	2	1	6	P	27/10	3	2	2	7	Akshay
17D044	Gade Anati	P	3	3	2	8	20/8	P	27/8	3	2	2	7	P	10/9	3	2	2	7	P	17/9	3	3	2	8	P	7/10	3	3	2	8	P	4/10	3	2	1	6	P	27/10	3	3	2	8	Anati

Name & Sign of Subject Incharge Prof. R. S. Nipanikar. Rahim

Head of Department

Head of Department

Dept. of E&TC Engineering

Shri Chh. Shivajiraje College of Engg. (SPPU 4071)

Dhangawadi, Pune - 412206

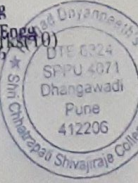
(P/A) : Present / Absent

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MP : Marks for Performance (4)

MU : Marks for Understanding (3)



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

PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : E & TC Engrs.

Class : B.E.

Batch : B2

Subject :- Radiation & Microwave Techn. Sem : I

Academic Year : 2020-2021

Roll No.	Name of Student	Measure wavelength of Ulwave																								Total out of	Signature of Student					
		1 (P/A)	2 (DC)	3 (MR)	4 (MP)	5 (MU)	6 (TM)	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6			1	2	3	4	5
16D023	Madgule Akshay	P	27/10	3	3	2	8																								7	Akshay
18D024	Mahargare Pimini	P	27/10	3	3	2	8																								8	Mahargare
18D025	Mandhare Sonal	P	27/10	3	3	2	8																								7	Sonal
18D026	More Karishma	P	27/10	3	3	2	8																								8	Karishma
18D027	More Manasi	P	27/10	3	3	2	8																								8	Manasi
17D028	More Sayali	P	27/10	3	3	2	8																								7	Sayali
18D029	Nale Bhakti	P	27/10	3	3	2	8																								8	Bhakti
18D030	Patil Sayali	P	27/10	3	3	2	8																								7	Sayali
18D031	Pawar Ashwini	P	27/10	3	3	2	8																								9	Ashwini
18D032	Phalle Pranali	P	27/10	3	3	2	8																								8	Pranali
18D033	Redkar Anshu	P	27/10	3	3	2	8																								7	Anshu
17D034	Salunke Suraj	P	27/10	3	3	2	8																								7	Suraj
17F035	Shelar Pratiksha	P	27/10	3	3	2	8																								7	Pratiksha
18D036	Shingde Ashwini	P	27/10	3	3	2	8																								8	Ashwini
17D037	Shirwankar Neha	P	27/10	3	3	2	8																								8	Neha
18D039	Shivhare Ruchita	P	27/10	3	2	1	7																								8	Ruchita
18D039	Sonar Dhananjay	P	27/10	3	3	2	8																								7	Dhananjay
16F040	Veer Abhilasha	P	27/10	3	2	1	7																								8	Abhilasha
18D041	Walhekar Prasad	P	27/10	3	3	2	8																								7	Prasad
16D042	Kindre Kiran	P	27/10	3	2	1	7																								8	Kiran
16D043	Pawar Akshay	P	27/10	3	3	2	8																								7	Akshay
17D044	Grade Anshu	P	27/10	3	2	1	7																								7	Anshu

Name & Sign of Subject Incharge Prof. R.S.Nipantkar Rahuni

Head of Department
Head of Department
Dept. of E & TC Engineering

(P/A) : Present / Absent

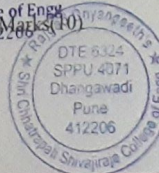
DC : Date of Completion

MR : Marks for regularity (03)

MP : Marks for Performance (4)

MU : Marks for Understanding (3)

Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune - 412206
Total Marks (40)



7. Sample copy of Course Attainment





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

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Academic Year : 2020 - 2021 , Semester - I

Class: SE	Course: Digital Circuit
Course Code: 204182	Faculty Name: Asst. Prof. J. J. Bandal

COURSE EDUCATIONAL OBJECTIVES

Course Objective	Description
CEO 1	The fundamental principles of two-valued logic and various devices used to implement logical operations on variables
CEO 2	Boolean algebra, Karnaugh maps and its application to the design and characterization of digital circuits
CEO 3	To analyze logic processes and implement logical operations using combinational logic circuits.
CEO 4	The principles of logic design and use of simple memory devices, flip-flops, and sequential circuits.
CEO 5	Concepts of sequential circuits and to analyze sequential systems in terms of state machines.
CEO 6	System design approach using programmable logic devices.

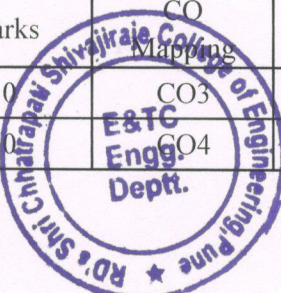
COURSE OUTCOME - DETAILS

Course Outcome	Description
CO 1	Identify and prevent various hazards and timing problems in a digital design.
CO 2	Use the basic logic gates and various reduction techniques of digital logic circuit.
CO 3	Analyze, design and implement combinational logic circuits
CO 4	Analyze, design and implement sequential circuits.
CO 5	Differentiate between Mealy and Moore machines.
CO 6	Analyze digital system design using PLD.

CLASS TEST- COURSE OUTCOME MAPPING

Question No	CLASS TEST - I		CLASS TEST-II		PRELIUM EXAM	
	CO Mapping	Marks	CO Mapping	Marks	CO Mapping	Marks
Q 1. to Q.10	CO1	10	CO3	10	CO 5	5
Q 11. to Q.20	CO2	10	CO4	10	CO 6	5

Sign of Faculty:





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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 - 2022 , Semester - I

Class: SE	Course: Digital Circuit Lab
Course Code: 204186	Faculty Name: Prof. J. J. Bandal

COURSE EDUCATIONAL OBJECTIVES

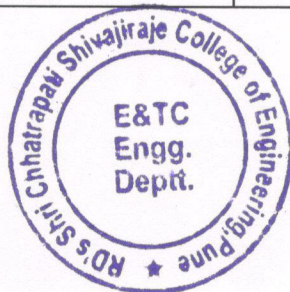
Course Objective	Description
CEO 1	To acquaint students with various basic digital gates used in digital system and develop logical circuits using Boolean gates, construction of various logic circuits using basic gates.
CEO 2	Boolean algebra, Karnaugh maps and its application to the design and characterization of digital circuits

COURSE OUTCOME - DETAILS

Course Outcome	Description
CO 1	To understand the digital logic Family
CO 2	To understand the combinational Circuits using Logic Gates.
CO 3	To design Arithmetic and Logical Circuits.
CO 4	To understand the sequential Circuits using Flip – Flop.
CO 5	To Design a sequential Circuits such as Register, Counter and Sequence Generator.

ASSIGNMENT- COURSE OUTCOME MAPPING

Assignment	Course Outcome No	Assignment	Course Outcome No
1	CO 2	5	CO 5
2		6	
3	CO 3	7	CO 4
4		8	CO 1



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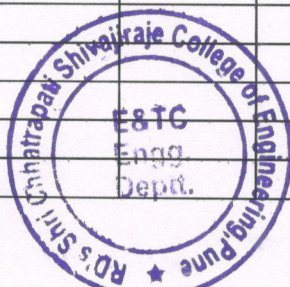
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Aademic Year : 2021- 2022 , Semester - I

Class: SE	Course Code: 204185
Course Name: Digital Electronics	

AVERAGE UNIVERSITY RESULT

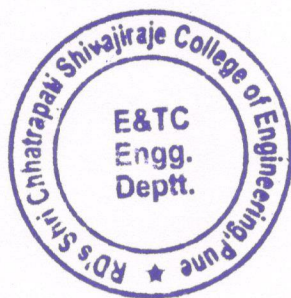
CAY 19-20			CAY 18-19			CAY 17-18		
Exam Seat No	Th Marks	Pr Marks	Exam Seat No	Th Marks	Pr Marks	Exam Seat No	Th Marks	Pr Marks
71838863B	26	27	S150713001	AB	AB	S150713014	31	32
71918307D	42	33	S150713002	43	24	S150713015	47	40
71918338D	42	29	S150713003	15	30	S150713016	37	35
71918348M	43	34	S150713004	56	35	S150713017	AB	AB
72007397K	34	28	S150713005	45	22	S150713018	26	26
72007398H	41	27	S150713006	43	38	S150713019	60	39
72007399F	30	31	S150713007	AB	AB	S150713020	22	37
72007400C	AB	20	S150713008	15	21	S150713021	56	42
72007401M	40	35	S150713009	AB	AB	S150713022	43	36
72007402K	21	27	S150713010	49	27	S150713023	37	32
72007403H	45	26	S150713011	31	29	S150713024	53	28
72007404F	25	30	S150713012	49	35	S150713025	48	40
72007405D	62	44	S150713013	16	37	S150713026	46	40
72007406B	60	31	S150713014	43	9	S150713027	41	29
72007407L	49	37	S150713015	34	11	S150713028	54	42
72007408J	59	33	S150713016	58	26	S150713029	23	31
72007409G	48	21	S150713017	46	32	S150713030	48	34
72007410L	43	24	S150713017	65	34	S150713031	46	35
72007411J	43	27	S150713019	49	23	S150713032	61	42
72007412G	53	37	S150713020	26	20	S150713033	32	32
72014447H	40	29	S150713020	24	21	S150713034	34	33
72014448F	47	22	S150713022	41	22	S150713035	36	32
72014449D	46	27	S150713023	80	39	S150713036	41	36
72014450H	46	32	S150713024	AB	AB	S150713037	AB	AB
72014451F	51	24	S150713025	45	10	S150713038	38	40
72037976J	20	AB	S150713026	63	25	S150713039	AB	23
72037977G	46	29	S150713027	AB	23	S150713040	25	31
72037978E	26	27	S150713028	47	27	S150713041	19	28
			S150713029	56	38	S150713042	25	26
			S150713030	41	25	S150713043	47	38
			S150713031	37	36	S150713044	24	30
			S150713032	AB	AB	S150713045	48	32
			S150713033	50	38	S150713046	50	35
			S150713034	30	23	S150713047	56	30
			S150713035	34	24	S150713048	40	26
			S150713036	34	25	S150713049	53	37
			S150713037	33	26	S150713050	47	37
			S150713038	AB	AB	S150713051	39	40
			S150713046	20	37	S150713052	34	35
						S150713053	18	34



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						S150713054	46	34
						S150713055	58	35
						S150713056	44	37
						S150713057	38	36
						S150713058	54	45
						S150713059	44	29
						S150713060	AB	26
						S150713061	46	39
						S150713062	40	32
						S150713063	57	36
						S150713064	38	30
						S150713065	30	31
						S150713066	57	36
						S150713067	AB	AB
						S150713068	28	28
						S150713069	AB	AB
						S150713070	91	31
						S150713071	25	24
						S150713072	70	40
						S150713074	37	32
						S150713075	46	35
						S150713076	64	43
						S150713084	62	45
						S150713089	58	42
						S150713090	72	43
						S150713090	54	35
						S150713101	53	43
						S150713106	60	43
AVERAGE	42	29	AVERAGE	41	27	AVERAGE	44	35

	42	59		41	54		44	70
AVERAGE	50.19			47.62			57.00	

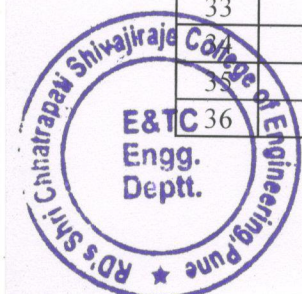


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CO ATTAINMENT THROUGH UNIVERSITY EXAM

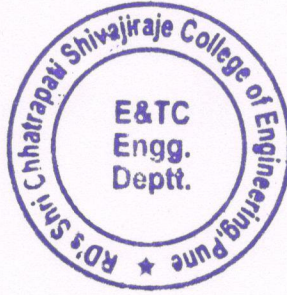
Class: SE		Course: Digital Circuit					
Course Code: 204182		Faculty Name: Asst. Prof. J. J. Bandal					
Average University Re	CAY19-20	CAY18-19	CAY17-18	Average	Goal Set		
	50	48	56	51	50		
Goal Levels	L1		L2		L3		
	50		60		70		
Attainment Level	More than 50% students achieve set		More than 65% students achieve set		More than 80% students achieve		
	1		2		3		
UNIVERSITY REAULT CAY							
S.No.	Roll No.	Name of Student			Th Marks	Pr Marks	Pr Marks (100)
1	S190713001	BHARATI ROHINI LAXMAN			65	33	66
2	S190713002	ABHJEET VITTHAL DHONDE			75	38	76
3	S190713003	BABAR RUTUJA PRADIP			80	39	78
4	S190713004	BHIMANAVARU BASAVARAJ			76	36	72
5	S190713005	BHOSALE SWAPNIL RAJU			AB	35	70
6	S190713006	DEEPALI BABURAO KASHID			90	36	72
7	S190713007	DESHMUKH SAMEER SATISH			72	38	76
8	S190713008	DEVKAR POONAM DHANAJI			97	45	90
9	S190713009	DUDHANE TEJAS TANAJI			94	43	86
10	S190713010	GADE RUSHIKESH NARAYAN			81	AB	0
11	S190713011	GADEKAR NILAM RAMESH			97	40	80
12	S190713012	GADHAVE PRAJKATA SUNIL			65	36	72
13	S190713013	GHAG SMINIL SANTOSH			78	34	68
14	S190713014	GHATAKAMBLE SANDEEP			77	38	76
15	S190713015	JADHAV ANIKET NATHU			87	36	72
16	S190713016	JADHAV JYOTI SANJAY			86	41	82
17	S190713017	JADHAV PRIYANKA TANAJI			71	38	76
18	S190713018	JADHAV VIJAY VILAS			72	32	64
19	S190713019	KADAM DHIRAJ SUHAS			66	38	76
20	S190713020	KANSE PAYAL ASHOK			93	38	76
21	S190713021	KHOMANE SAGAR			70	AB	0
22	S190713022	KHOPADE ARATI NAMDEV			100	36	72
23	S190713023	KOKATE ANKITA BALASAU			86	36	72
24	S190713024	KOKATE UMESH RAMESH			79	38	76
25	S190713025	KONDHALKAR POOJA			90	40	80
26	S190713026	MALAVI VISHAL SHIVAJI			82	39	78
27	S190713027	MALEKAR KOMAL SANJAY			78	48	96
28	S190713028	METIL MAHENDRA			85	39	78
29	S190713029	MORE KETAN VIJAY			80	35	70
30	S190713030	MORE MAHESH SUNIL			88	32	64
31	S190713031	PARWADI AYUSH ASHOK			73	37	74
32	S190713032	PATIL ARCHANA MAHADEO			67	38	76
33	S190713033	PAWAR GANESH			63	33	66
34	S190713034	PAWAR RUSHIKESH			78	36	72
35	S190713035	PAWAR SWARALI			66	34	68
36	S190713036	RENUSE ARCHANA SITARAM			86	37	74

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37	S190713037	SALUNKE PRATIKSHA	90	37	74
38	S190713038	SAWANT RAJ	78	38	76
39	S190713039	SHABDASHREE KIRAN	71	37	74
40	S190713040	SHAHIKH SHAHRUKH SALIM	76	39	78
41	S190713041	SHENDAGE BHAGYASHRI	82	40	80
42	S190713042	SUTAR PRATIK ADHIKRAO	83	41	82
43	S190713043	TAVARE SHUBHAM LAXMAN	75	38	76
44	S190713044	WALHEKAR KOMAL BALASO	96	44	88

CO ATTAINMENT	No. of students achieving set goal	43	42	42
	% Attainment	98	95	
	Attainment Level	3	3	
	Average Attainment Level	3		



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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Academic Year : 2021- 2022 , Semester - I

COURSE OUTCOME ATTAINMENT

Class: SE	Course: Digital Circuit
Course Code:204182	Faculty Name: Asst. Prof. J. J. Bandal

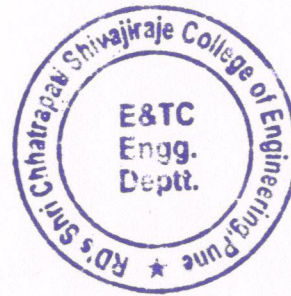
Goals for CO Attainment	CO	CO1	CO2	CO3	CO4	CO5	CO6
	Goal	50%	50%	50%	50%	50%	50%

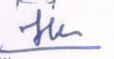
Attainment Level	Level	L1	L2	L3	More than 50 %students achieved the Goal			More than 60 %students achieved the Goal			More than 70 %students achieved the Goal		
		50	60	70	1			2			3		

Total No of Students	0	Class Test - I			Total	Class Test - I			Total	Class Test - II			Total	Class Test - II			Total	Prelim Exam		Total	Prelim Exam		Total	
		5	5	10		5	5	10		5	5	10		5	5	10		5	5		10	5		5
		Q1 to Q.5	Q 5 to Q.10	Q 11 to Q.15		Q 15 to Q.20	Q1 to Q.5	Q 5 to Q.10		Q 11 to Q.15	Q 15 to Q.20	Q 11 to Q.15		Q 15 to Q.20	30 to Q	35 to Q		40 to Q 45	Q 45 to Q 50					
S190713001	BHARATI ROHINI LAXMAN	2	2	4	2	2	4	2	2	4	2	1	3	2	2	4	2	3	5					
S190713002	ABHJEET VITTHAL DHONDE	2	3	5	3	4	7	4	3	7	3	4	7	3	3	6	5	3	8					
S190713003	BABAR RUTUJA PRADIP	1	1	2	2	2	4	4	2	6	2	5	7	2	2	4	2	2	4					
S190713004	BHIMANAVARU BASAVARAJ ARJUN	2	2	4	3	3	6	5	3	8	3	3	6	2	3	5	5	4	9					
S190713005	BHOSALE SWAPNIL RAJU	2	2	4	4	5	9	3	4	7	3	2	5	3	4	7	3	3	6					
S190713006	DEEPALI BABURAO KASHID	3	4	7	2	1	3	2	5	7	3	2	5	1	1	2	3	3	6					
S190713007	DESHMUKH SAMEER SATISH	2	1	3	3	4	7	4	4	8	3	4	7	3	3	6	4	4	8					
S190713008	DEVKAR POONAM DHANAJI	4	3	7	3	4	7	4	3	7	3	3	6	4	3	7	5	4	9					
S190713009	DUDHANE TEJAS TANAJI	3	3	6	4	3	7	5	4	9	3	3	6	3	3	6	3	3	6					
S190713010	GADE RUSHIKESH NARAYAN	5	3	8	4	2	6	1	1	2	1	1	2	3	3	6	2	2	4					
S190713011	GADEKAR NILAM RAMESH	2	2	4	5	3	8	4	4	8	2	2	4	3	2	5	4	4	8					
S190713012	GADHAVE PRAJKATA SUNI	2	4	6	1	1	2	4	5	9	4	5	9	3	3	6	5	4	9					
S190713013	GHAG SMINIL SANTOSH	2	1	3	2	2	4	2	2	4	2	2	4	2	2	4	5	3	8					
S190713014	GHATAKAMBLE SANDEEP SIDHALINGAPPA	2	2	4	3	3	6	3	3	6	4	5	9	3	3	6	3	3	6					
S190713015	JADHAV ANIKET NATHU	2	2	4	4	5	9	2	2	4	4	3	7	4	4	8	3	4	7					
S190713016	JADHAV JYOTI SANJAY	3	3	6	4	3	7	3	3	6	1	1	2	3	3	6	4	5	9					
S190713017	JADHAV PRIYANKA TANAJI	4	5	9	3	3	6	4	4	8	2	4	6	3	2	5	2	2	4					
S190713018	JADHAV VIJAY VILAS	2	1	3	1	1	2	2	2	4	3	5	8	4	2	6	3	3	6					
S190713019	KADAM DHIRAJ SUHAS	3	4	7	4	3	7	2	2	4	4	5	9	2	2	4	3	4	7					
S190713020	KANSE PAYAL ASHOK	2	4	6	3	4	7	3	3	6	5	5	10	3	3	6	3	5	8					
S190713021	KHOMANE SAGAR BHANUDAS	2	1	3	2	1	3	3	2	5	5	3	8	5	4	9	4	3	7					
S190713022	KHOPADE ARATI NAMDEV	4	5	9	3	3	6	2	3	5	5	3	8	3	5	8	5	3	8					
S190713023	KOKATE ANKITA BALASAU	5	3	8	4	5	9	3	4	7	3	4	7	3	5	8	3	2	5					
S190713024	KOKATE UMESH RAMESH	2	2	4	2	2	4	2	2	4	2	5	7	3	3	6	2	1	3					
S190713025	KONDHALKAR POOJA RAMCHANDRA	2	4	6	3	4	7	3	4	7	3	5	8	3	2	5	3	3	6					
S190713026	MALAVI VISHAL SHIVAJ	3	3	6	3	4	7	2	3	5	4	5	9	2	2	4	4	3	7					
S190713027	MALEKAR KOMAL SANJAY	4	5	9	2	4	6	5	3	8	5	3	8	3	2	5	5	4	9					
S190713028	METIL MAHENDRA RANGRAO	5	3	8	3	3	6	2	2	4	5	3	8	3	3	6	3	2	5					
S190713029	MORE KETAN VIJAY	3	4	7	2	1	3	4	3	7	2	2	4	3	4	7	3	3	6					
S190713030	MORE MAHESH SUNIL	2	4	6	2	2	4	2	1	3	3	5	8	4	5	9	3	3	6					
S190713031	PARWADI AYUSH ASHOK	2	2	4	3	4	7	3	3	6	2	5	7	3	3	6	4	4	8					
S190713032	PATIL ARCHANA MAHADEO	4	5	9	2	3	5	3	3	6	3	5	8	3	4	7	3	3	6					
S190713033	PAWAR GANESH PANDURANG	2	2	4	4	3	7	2	2	4	4	3	7	5	5	10	5	3	8					

Sign of Faculty: _____

Total No of Students	0	Class Test - I			Class Test - I			Class Test - II			Class Test - II			Prelim Exam			Prelim Exam		
		5	5	Total	5	5	Total	5	5	Total	5	5	Total	5	5	Total	5	5	Total
		S190713034	PAWAR RUSHIKESH DNYANESHWAR	3	4	7	2	2	4	3	3	6	3	3	6	2	2	4	2
S190713035	PAWAR SWARALI RAMCHANDRA	2	3	5	5	3	8	3	2	5	3	4	7	3	5	8	3	4	7
S190713036	RENUSE ARCHANA SITARAM	3	3	6	3	4	7	2	3	5	3	5	8	4	3	7	4	5	9
S190713037	SALUNKE PRATIKSHA PANDURANG	2	1	3	2	4	6	3	3	6	3	5	8	2	2	4	5	3	8
S190713038	SAWANT RAJ DNYANESHWAR	2	2	4	2	2	4	2	2	4	2	2	4	4	4	8	5	3	8
S190713039	SHABDASHREE KIRAN SUTAR	3	4	7	2	5	7	3	3	6	3	3	6	3	3	6	3	4	7
S190713040	SHAHIKH SHAHRUKH SALIM	2	4	6	2	3	5	4	4	8	4	2	6	3	2	5	3	5	8
S190713041	SHENDAGE BHAGYASHRI UMAJI	2	2	4	2	3	5	3	3	6	2	1	3	3	5	8	2	2	4
S190713042	SUTAR PRATIK ADHIKRAO	4	3	7	2	5	7	2	3	5	5	4	9	2	3	5	2	2	4
S190713043	TAVARE SHUBHAM LAXMAN	2	1	3	2	2	4	3	2	5	3	2	5	2	1	3	2	2	4
S190713044	WALHEKAR KOMAL BALASO	4	4	8	3	4	7	4	3	7	4	4	8	4	3	7	3	3	6
CO Attainment	No of students achieving CO	44			44			44			44			44			44		
	% Attainment of CO	100			100			100			100			100			100		
	Attainment Level of CO	3			3			3			3			3			3		



Sign of Faculty: 



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

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Academic Year : 2021- 2022 , Semester - I

COURSE OUTCOME ATTAINMENT

Class: SE	Course: Digital Circuit
Course Code:204182	Faculty Name: Asst. Prof. J. J. Bandal

Goals for CO Attainment	CO Goal	CO1 50%	CO2 50%	CO3 50%	CO4 50%	CO5 50%	CO6 50%
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Attainment Level	Level	L1 50	L2 60	L3 70	More than 50 %students achieved the Goal 1	More than 60 %students achieved the Goal 2	More than 70 %students achieved the Goal 3
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Total No of Students	0	Ass-I			Ass-II			Ass-III			Ass-IV			Ass-V			Ass-VI		
		5	5	Total	5	5	Total	5	5	Total	5	5	Total	5	5	Total	5	5	Total
Roll No	Name of Student	Q1 to Q.5	Q 5 to Q.10	10	Q1 to Q.5	Q 5 to Q.10	10	Q1 to Q.5	Q 5 to Q.10	10	Q1 to Q.5	Q 5 to Q.10	10	Q1 to Q.5	Q 5 to Q.10	10	Q1 to Q.5	Q 5 to Q.10	10
S190713001	BHARATI ROHINI LAXMAN	2	2	4	2	3	5	2	3	5	2	3	5	2	3	5	4	3	7
S190713002	ABHJEET VITTHAL DHONDE	2	4	6	3	4	7	4	3	7	3	4	7	5	5	10	5	3	8
S190713003	BABAR RUTUJA PRADIP	3	3	6	2	4	6	4	2	6	2	5	7	5	5	10	5	4	9
S190713004	BHIMANAVARU BASAVARAJ ARJUN	2	5	7	3	3	6	5	3	8	3	3	6	5	3	8	5	5	10
S190713005	BHOSALE SWAPNIL RAJU	5	3	8	4	5	9	3	4	7	4	4	8	3	4	7	3	3	6
S190713006	DEEPALI BABURAO KASHID	3	4	7	5	3	8	2	5	7	5	5	10	4	5	9	3	3	6
S190713007	DESHMUKH SAMEER SATISH	2	4	6	3	4	7	3	5	8	5	5	10	5	5	10	4	4	8
S190713008	DEVKAR POONAM DHANAJI	5	3	8	2	4	6	4	3	7	5	5	10	5	5	10	5	5	10
S190713009	DUDHANE TEJAS TANAJI	4	5	9	4	3	7	5	2	7	3	3	6	5	5	10	3	3	6
S190713010	GADE RUSHIKESH NARAYAN	5	3	8	4	5	9	2	3	5	2	3	5	3	5	8	3	3	6
S190713011	GADEKAR NILAM RAMESH	3	4	7	5	3	8	4	4	8	3	4	7	3	5	8	4	4	8
S190713012	GADHAVE PRAJKATA SUNI	2	4	6	3	4	7	4	5	9	4	5	9	4	3	7	5	5	10
S190713013	GHAG SMINIL SANTOSH	3	3	6	2	4	6	5	5	10	5	5	10	5	4	9	5	3	8
S190713014	GHATAKAMBLE SANDEEP SIDHALINGAPP	4	5	9	3	3	6	3	3	6	5	5	10	5	5	10	3	3	6
S190713015	JADHAV ANIKET NATHU	5	3	8	4	5	9	2	2	4	5	3	8	5	5	10	3	4	7
S190713016	JADHAV JYOTI SANJAY	3	3	6	5	3	8	3	3	6	3	3	6	3	5	8	4	5	9
S190713017	JADHAV PRIYANKA TANAJI	4	5	9	3	3	6	4	4	8	2	4	6	3	5	8	5	3	8
S190713018	JADHAV VIJAY VILAS	5	3	8	4	5	9	5	5	10	3	5	8	4	5	9	5	3	8
S190713019	KADAM DHIRAJ SUHAS	3	4	7	5	3	8	2	5	7	4	5	9	5	5	10	3	4	7
S190713020	KANSE PAYAL ASHOK	2	4	6	3	4	7	4	3	7	5	5	10	5	3	8	3	5	8
S190713021	KHOMANE SAGAR BHANUDAS	3	3	6	2	4	6	4	2	6	5	3	8	5	4	9	4	3	7
S190713022	KHOPADEV ARATI NAMDEV	4	5	9	3	3	6	5	3	8	5	3	8	3	5	8	5	3	8
S190713023	KOKATE ANKITA BALASAU	2	2	4	4	5	9	3	4	7	3	4	7	3	5	8	5	4	9
S190713024	KOKATE UMESH RAMESH	3	4	7	5	3	8	2	5	7	2	5	7	4	5	9	3	5	8
S190713025	KONDHALKAR POOJA RAMCHANDRA	2	4	6	3	4	7	3	4	7	3	5	8	5	5	10	3	3	6
S190713026	MALAVI VISHAL SHIVAJI	3	3	6	3	4	7	4	5	9	4	5	9	5	5	10	4	3	7
S190713027	MALEKAR KOMAL SANJAY	4	5	9	2	4	6	5	3	8	5	3	8	5	5	10	5	4	9
S190713028	METIL MAHENDRA RANGRAO	3	3	6	3	3	6	2	2	4	5	3	8	3	3	6	5	5	10
S190713029	MORE KETAN VIJAY	4	4	8	4	5	9	4	3	7	5	4	9	3	4	7	3	3	6
S190713030	MORE MAHESH SUNIL	2	4	6	5	3	8	4	4	8	3	5	8	4	5	9	3	3	6
S190713031	PARWADI AYUSH ASHOK	3	3	6	3	4	7	5	5	10	2	5	7	5	5	10	4	4	8
S190713032	PATIL ARCHANA MAHADEVI	4	5	9	2	4	6	3	3	6	3	5	8	5	5	10	5	5	10



S190713033	PAWAR GANESH PANDURANG	5	3	8	4	3	7	2	2	4	4	3	7	5	5	10	5	3	8
S190713034	PAWAR RUSHIKESH DNYANESHWAR	3	4	7	4	5	9	3	3	6	5	3	8	3	5	8	3	3	6
S190713035	PAWAR SWARALI RAMCHANDRA	2	4	6	5	3	8	4	4	8	5	4	9	3	5	8	3	4	7
S190713036	RENUSE ARCHANA SITARAM	3	3	6	3	4	7	5	5	10	5	5	10	4	3	7	4	5	9
S190713037	SALUNKE PRATIKSHA PANDURANG	4	5	9	2	4	6	3	3	6	3	5	8	5	4	9	5	3	8
S190713038	SAWANT RAJ DNYANESHWAR	5	3	8	3	3	6	2	2	4	2	5	7	5	5	10	5	3	8
S190713039	SHABDASHREE KIRAN SUTAR	3	4	7	2	5	7	3	3	6	3	3	6	5	5	10	3	4	7
S190713040	SHAHIKH SHAHRUKH SALIM	2	4	6	2	3	5	4	4	8	4	2	6	3	5	8	3	5	8
S190713041	SHENDAGE BHAGYASHRI UMAJI	3	3	6	2	3	5	5	5	10	5	3	8	3	5	8	4	4	8
S190713042	SUTAR PRATIK ADHIKRAO	4	5	9	2	5	7	2	3	5	5	4	9	2	3	5	5	5	10
S190713043	TAVARE SHUBHAM LAXMAN	5	3	8	2	3	5	3	2	5	4	5	9	3	3	6	5	5	10
S190713044	WALHEKAR KOMAL BALASO	3	4	7	2	4	6	4	3	7	5	4	9	4	3	7	3	3	6
CO Attainment	No of students achieving CO	44			44			44			44			44			44		
	% Attainment of CO	100			100			100			100			100			100		
	Attainment Level of CO	3			3			3			3			3			3		



[Signature]
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
Academic Year : 2021 - 2022 , Semester - I

COURSE OUTCOME ATTAINMENT THROUGH CONTINUOUS ASSESSMENT

Class: SE		Course Name: Digital Circuit							
Course Code: 204182		Faculty Name: Asst. Prof. J. J. Bandal							
Goals for CO Attainment	CO	CO301.1		CO301.2	CO301.3	CO301.4	CO301.5		
	Goal %	50		50	50	50	50		
Attainment Level		L1	L2	L3	More than 50 % students achieved	More than 65 % students achieved the	More than 80 % students		
	Level	50	65	80	1	2	3		
Total No of Students	44	CO1	CO 2			CO 3	CO 4	CO 5	
Roll No	Name of Student	Exp No 8	Exp No 1	Exp No 2	Exp No 4	Exp No 3	Exp No 5	Exp No 6	Exp No 7
S190713001	BHARATI ROHINI LAXMAN	5	6	6	6	7	7	5	9
S190713002	ABHJEET VITTHAL DHONDE	6	5	5	5	2	2	6	7
S190713003	BABAR RUTUJA PRADIP	6	5	5	5	8	8	9	8
S190713004	BHIMANAVARU BASAVARAJ ARJUN	5	5	5	5	7	7	5	5
S190713005	BHOSALE SWAPNIL RAJU	4	4	4	4	6	6	6	6
S190713006	DEEPALI BABURAO KASHID	5	6	6	6	9	9	2	xc
S190713007	DESHMUKH SAMEER SATISH	5	9	9	9	7	7	8	5
S190713008	DEVKAR POONAM DHANAJI	10	6	6	6	8	8	7	6
S190713009	DUDHANE TEJAS TANAJI	9	5	5	5	5	5	6	9
S190713010	GADE RUSHIKESH NARAYAN	6	7	7	7	6	6	9	9
S190713011	GADEKAR NILAM RAMESH	5	7	7	7	9	9	7	7
S190713012	GADHAVE PRAJKATA SUNI	5	2	2	2	7	7	8	8

Sign of Faculty: _____

Total No of Students	44	CO1	CO 2			CO 3	CO 4	CO 5	
S190713013	GHAG SMINIL SANTOSH	5	8	8	8	2	2	5	5
S190713014	GHATAKAMBLE SANDEEP SIDHALINGAPP	4	7	7	7	8	8	6	6
S190713015	JADHAV ANIKET NATHU	6	6	6	6	7	7	9	9
S190713016	JADHAV JYOTI SANJAY	9	9	9	9	6	6	7	5
S190713017	JADHAV PRIYANKA TANAJI	6	7	7	7	9	9	2	6
S190713018	JADHAV VIJAY VILAS	5	8	8	8	7	7	8	9
S190713019	KADAM DHIRAJ SUHAS	7	5	5	5	8	8	7	9
S190713020	KANSE PAYAL ASHOK	7	6	2	6	5	5	6	7
S190713021	KHOMANE SAGAR BHANUDAS	2	5	8	5	6	6	9	8
S190713022	KHOPADE ARATI NAMDEV	8	5	7	5	9	9	7	5
S190713023	KOKATE ANKITA BALASAU	7	5	6	5	7	7	8	6
S190713024	KOKATE UMESH RAMESH	6	4	9	4	2	2	5	9
S190713025	KONDHALKAR POOJA RAMCHANDRA	9	6	7	6	8	8	6	5
S190713026	MALAVI VISHAL SHIVAJ	7	9	8	9	7	7	9	6
S190713027	MALEKAR KOMAL SANJAY	8	6	5	6	6	6	5	9
S190713028	METIL MAHENDRA RANGRAO	5	5	6	5	9	9	6	9
S190713029	MORE KETAN VIJAY	6	2	5	7	7	7	9	7
S190713030	MORE MAHESH SUNIL	5	7	5	7	8	8	9	8
S190713031	PARWADI AYUSH ASHOK	5	2	5	2	5	5	7	5
S190713032	PATIL ARCHANA MAHADEO	8	2	4	8	6	6	8	6
S190713033	PAWAR GANESH PANDURANG	5	7	6	7	9	9	5	9
S190713034	PAWAR RUSHIKESH DNYANESHWAR	6	2	9	6	7	7	6	5
S190713035	PAWAR SWARALI RAMCHANDRA	8	9	6	9	2	2	9	6
S190713036	RENUSE ARCHANA SITARAM	9	2	5	7	8	8	5	9
S190713037	SALUNKE PRATIKSHA PANDURANG	6	8	7	8	7	7	6	5
S190713038	SAWANT RAJ DNYANESHWAR	6	5	7	5	6	6	9	6
S190713039	SHABDASHREE KIRAN SUTAR	6	2	2	6	9	9	9	5
S190713040	SHAHIKH SHAHRUKH SALIM	5	2	8	9	7	7	7	6
S190713041	SHENDAGE BHAGYASHRI UMAJI	7	7	7	7	8	8	8	9
S190713042	SUTAR PRATIK ADHIKRAO	9	8	6	8	5	5	5	5

Sign of Faculty: _____

Total No of Students	44	CO1	CO 2			CO 3	CO 4	CO 5	
S190713043	TAVARE SHUBHAM LAXMAN	6	5	9	5	6	6	6	6
S190713044	WALHEKAR KOMAL BALASO	9	2	7	8	9	9	9	9
CO Attainment	No of students achieving CO	41	44	39	40	40	40	42	43
	% Attainment of CO	93.18	100.00	88.64	90.91	90.91	90.91	95.45	97.73
	Attainment Level of CO	3.00	3.00			3.00	3.00	3.00	



Sign of Faculty: *[Signature]*



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

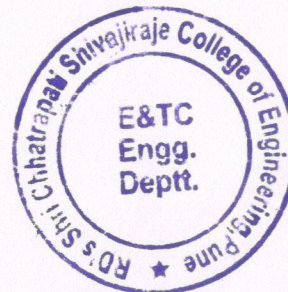
Academic Year : 2021 - 2022 , Semester - I

COURSE OUTCOME ATTAINMENT THROUGH COURSE END SURVEY

Class: SE	Course: Digital Circuit
Course Code: 204182	Faculty Name: Asst. Prof. J. J. Bandal

Attainment Level	L1	L2	L3
	50	60	70
	More than 50 % students indicated attainment	More than 60 % students indicated attainment	More than 70 % students indicated attainment
	1	2	3

Course Outcomes	No. Of Students Indicated Level of Attainment					Total	Percentage (Total X 100/No.Of Students X 5)	Level of Attainment
	Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)			
CO 1	27	11	6	1		199	88.4	3
CO 2	34	8	3	2		215	91.5	3
CO3	34	9	1	1		211	93.8	3
CO 4	38	4	2	2		216	93.9	3
CO 5	36	7	1	1		213	94.7	3
CO6	36	6	2	1		212	94.2	3



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

Academic Year : 2021 - 2022 , Semester - I

PROGRAM OUTCOME ATTAINMENT

Class: SE	Course: Digital Circuit
Course Code: 204182	Faculty Name: Asst. Prof. J. J. Bandal

CO	CO Attainment Level Through University Result (a)	CO Attainment Level Through Class Test (b)	CO Attainment Level Through Continuous Assessment (c)	CO Attainment Level Through Course End Survey (d)	Total Attainment (a X 0.4) + (b X 0.2) + (c X 0.2) + (d*0.2)	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PSO	PSO	PSO
						1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO 1	3.00	3.00	3.00	3.00	3.00	3												3		
CO2	3.00	3.00	3.00	3.00	3.00	2	3	3		2								2	3	
CO 3	3.00	3.00	3.00	3.00	3.00	2	3	3		2								2	3	
CO 4	3.00	3.00	3.00	3.00	3.00	2	2	3		3								2	3	
CO 5	3.00	3.00	3.00	3.00	3.00	2		3										2	3	
CO6	3.00	3.00	3.00	3.00	3.00	2		3										2	3	

PO/PSO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
PO / PSO Attainment (in %)	3	3	3	0	3	0	0	0	0	0	0	0	3	3	0

Sign of Faculty



HOD
 HOD
 E & TC Engineering Dept.
 Shri Chhatrapati Shivaji Rajgad
 College Of Engineering, Dhangawadi,
 Tal-Bhor, Dist-Pune. Pin-412206

Practice 2

Faculty and Student Development Program





Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

Practice 2: Faculty & Student Development Programs

INDEX

Sr. No.	Description	Remark
01	Description of IQAC contributed significantly for institutionalizing the quality assurance strategies and processes- Faculty & Student Development Programs	
02	Summary of workshops/ FDP/ Training Programs/ Seminar organized for faculty by our Institute	
03	Reports of workshops/ FDP/ Training Programs/ Seminar organized for faculty by our Institute	
04	Summary of workshops/ SDP/ Training Programs/ Seminar organized for student by our Institute	
05	Reports of workshops/ SDP/ Training Programs/ Seminar organized for student by our Institute	



1. Description of IQAC contributed significantly for Institutionalising the Quality assurance strategies and processes





Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

Practice 2: Faculty & Student Development Programs

All departments and committess have been conducting various workshops, seminars, events etc. for the growth of faculty & students is made to give academic, curricular, extra-curricular, technical and professional exposure all round the year. To motivate and improve the Quality of Education, our faculty & students attended various Workshops/ FDP/ Training Programs/ Seminar organized in the Institute and outside the Institute for professional development.



2.Summary of Workshops /FDP / Training Programs /Seminar organised for Faculty by our Institute





RAJGAD DNYANPEETH'S
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat.No-237, Pune Bangalore Highway, Dhangawadi, Tal-Bhor, Dist-Pune (Maharashtra)

Summary of Workshops/ Training Programs/ Seminar/ Conferences organized in the Institute for professional development for teaching and non teaching staff

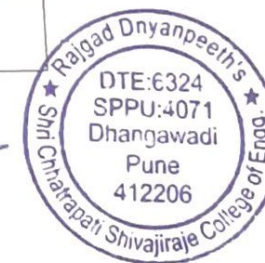
Year 2020-21

Sr. No	Title of the program	Dates (from-to)	No. of Days	No of participants (Teaching Staff)	No of participants (Non-Teaching Staff)
1	New Emerging Technologies In Energy Conservation	18/05/2021 to 18/05/2021	01	33	Nil
2	Workshop on Recent Advancement and future scope of Engineering.	08/05/2021 to 08/05/2021	01	85	Nil
3	Workshop on Importance of Professionalism in day to day life.	08/05/2021 to 08/05/2022	01	Nil	23
4	Investment Awareness Program-"Introduction To Securities Market".	17/02/2021 to 17/02/2021	01	59	23
5	Workshop on Introduction to Computer.	13/02/2021 to 13/02/2021	01	Nil	08
6	Workshop on Introduction to Arduino.	10/02/2021 to 11/02/2021	02	Nil	07
7	Faculty Development Program on Basics of Python Programming.	02/01/2021 09/01/2021 16/01/2021	03	14	Nil
8	Workshop on Machine Learning with Python.	08/01/2021 to 09/01/2021	02	24	Nil

Total No. of the programs arranged:	08
Total No. of Participants:	275


Principal

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



3.Reports of Workshops
/FDP / Training
Programs /Seminar
organised for Faculty
by our Institute





REPORT OF ONE DAY WEBINAR ON
NEW EMERGING TECHNOLOGIES IN ENERGY CONSERVATION

DEPARTMENT: Mechanical Engineering

NAME OF GUEST/EXPERT: Mr. Sudhir Shah

FROM: Petroleum Conservation Research Association, Ministry of Petroleum, Govt. of India.

TITLE OF SESSION: New Emerging Technologies in Energy Conservation

DAY & DATE: Tuesday, 18th May 2021

STUDENTS & FACULTY PRESENT: 166

CORDINATOR: Prof. M. B. Bankar

Mode of Conduction: Online

Registration Link: <https://forms.gle/acthJ5LcWLzNWf4G9>

Link to Join Program: <https://meet.google.com/qyb-xzop-iyz>

OBJECTIVE: To make awareness among the students & faculty about the Energy Conservation

DISCRIPTION:

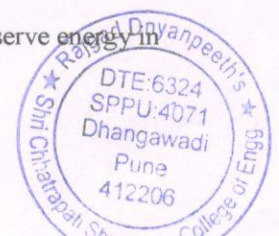
Department of Mechanical Engineering organized a Webinar on “New Emerging Technologies in Energy Conservation” on 18th May 2021 through virtual Google Meet platform. The webinar commenced with a welcome note to the expert speaker Mr. Sudhir Shah. The webinar was attended by 166 participants.

Mr. Sudhir Shah have completed his graduation in Chemical Engineer from Gujarat University 5 years experience in pharmaceutical company, 10 years experience in HVAC industry, 10 years experience in Energy Conservation, Currently working with PCRA as Faculty Trainer.

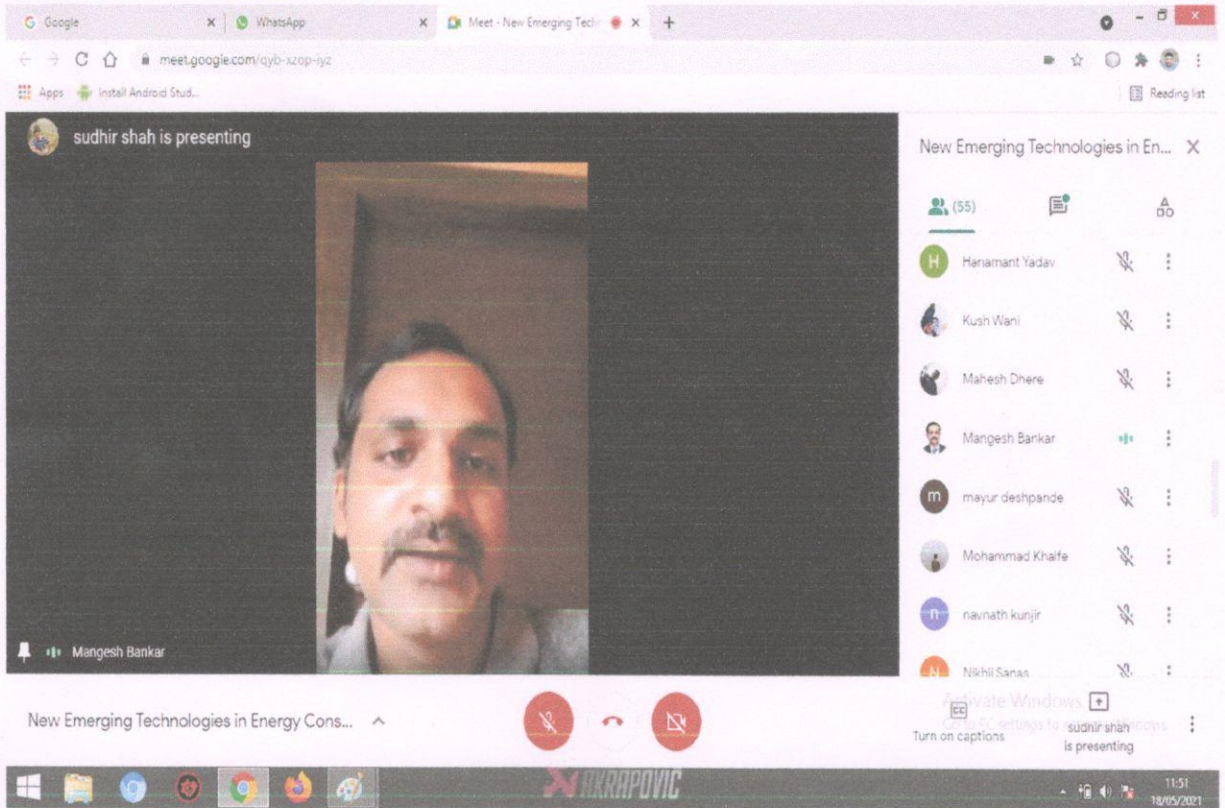
The webinar started with introduction to sustainable development goals and covered following points by Mr. Sudhir Shah:

1. Key Role of Energy
2. Energy Contradiction
3. World carbon emission
4. Global Fuel Consumption Scenario
5. India Energy Scenario
6. Installation of various renewable energy equipment's in India
7. Solar energy and different ways to harness it
8. Future energy system – Hydrogen Fuel
9. Ways to harness Hydrogen energy and its difficulties
10. Use of Methanol burner for cooking stoves

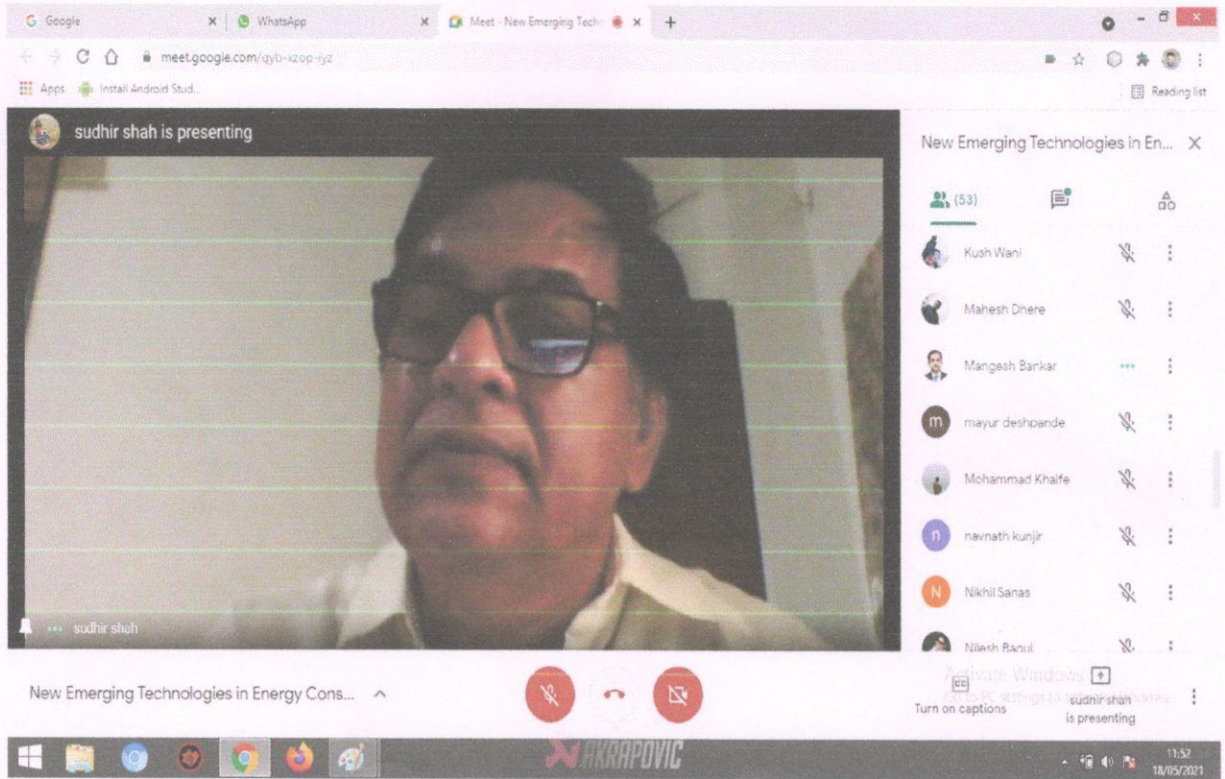
Mr. Sudhir Shah explained one of his case studies in which he represented how to conserve energy in



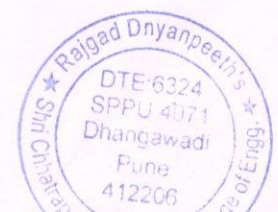
PHOTO'S DURING SESSION:

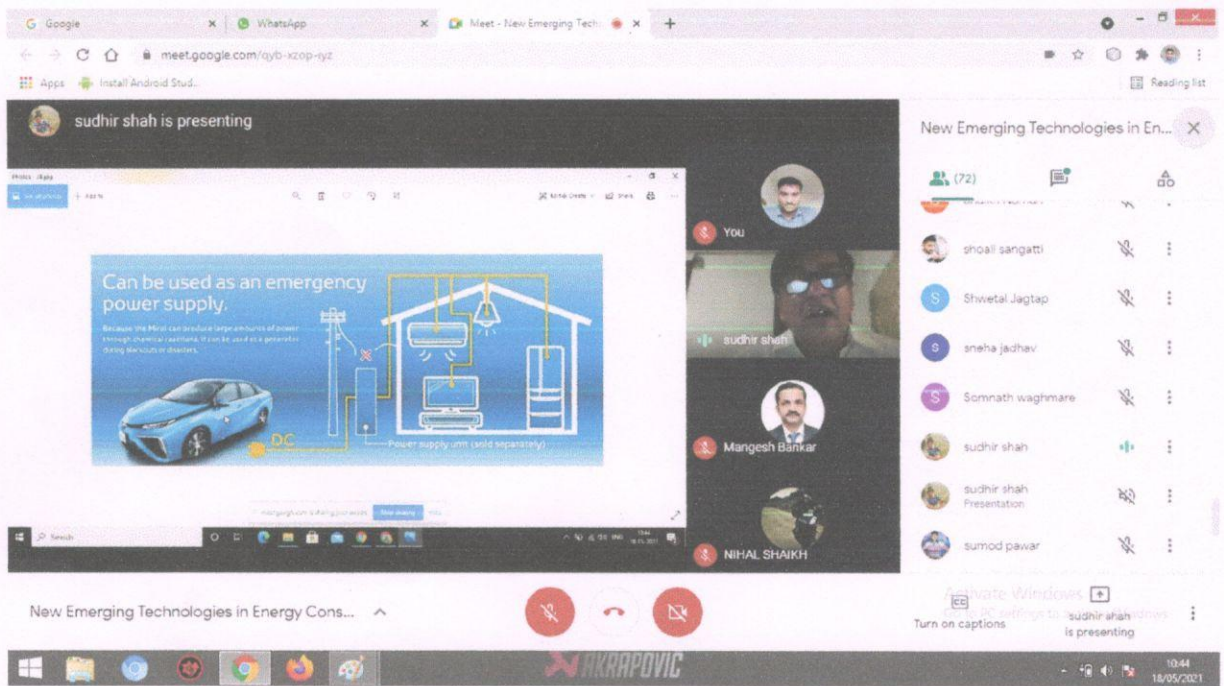


Welcome of Guest

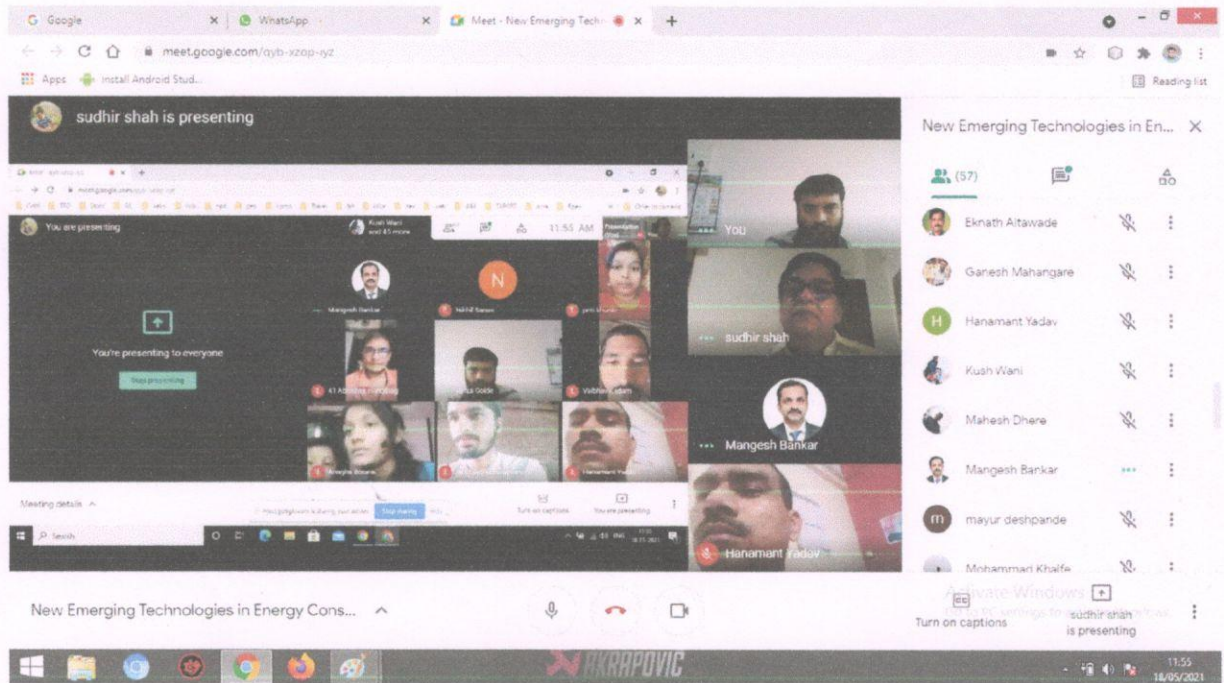


Introductory Session by Mr. Sudhir Shah





Presentation by Mr. Sudhir Shah



Participants of Program

[Signature]
 Prof. M. B. Bankar
 Coordinator

[Signature]
 Prof. S. K. Pawar
 HOD, Dept. of Mechanical Engg.
 Head of Department
 Dept. of Mechanical Engineering
 Shri Chh. Shivajiraje College of Engg.
 Dhangawadi, Pune-412206

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

**DEPARTMENT OF CIVIL ENGINEERING****Report on "Recent Advancement & Future Scope of Engineering"**

Date: 15/09/2020

1. **Program type:** One day Workshop
2. **Event Name:** Recent advancement & future scope of Engineering
3. **Attendees:** Faculties and students from in and outside the institute
4. **Name and Designation of Resource Person :** Dr. Anand Tapase,
Assistant Professor at the Department of Civil Engineering
5. **Company / Institute of Resource Person:** Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil College of Engineering
6. **Event coordinator:** Prof. S. P. Salunkhe
7. **Date of Execution:** 15/09/2020, Tuesday
8. **Duration of Event:** 10.00am-4.00pm
9. **Venue of event /**

Link: <https://us04web.zoom.us/j/79658774189?pwd=V1NaRndRYTF5ZlVJUGl2RjFXTEVjdz09>

10. Number of Participants: 85

11. Fee details: Free

12. Objectives: The main objective of the program was to guide faculties and students about concept of Recent Trends & Advancement in Civil Engineering and various Topics covered are; Recent advances in Structural Engineering, Recent advances in Earthquake Engineering, Recent advances in Concrete Technology and Sustainable Construction Practices, Recent advances in Geotechnical Engineering, Application of Software.





13. Outcomes: The following are the outcomes of one day workshop on Recent Advancement & Future Scope of Engineering.

- Low Energy Materials
- Fundamentals of Structural Health Monitoring
- Fire Effects on Building Structures
- Structural capacity evaluation
- Structural strengthening techniques including external Post-tensioning
- Various Software applications

14. Description (program conduction details) / speaker topic explanation:

Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune has conducted a workshop of "Recent Advancement & Future Scope of Engineering" on 15th September 2020 for faculties and students of civil branches to give information about "Recent trend in Civil Engineering And use of modern techniques and equipments in construction". In recent years with sharp increase in rapid development of infrastructures e.g. high rise structures with more number of basements, bridges for metro projects, fly over for roadways, BRTS etc. in metro cities made us aware of optimum usage of land and compelled the engineers to apply advanced solutions in context of Analysis and Design, Application of Earthquake and wind load on the structures, ground improvement, and earth retaining structures etc. Optimized design solutions can only be possible with in-depth knowledge of various advanced techniques and use of proper judgment. The aim of the short-term course would be to familiarize the participants with the concepts of Analysis, design and construction, for variety of structures. Basics that is essential to understand in the process of providing an acceptable design.





15. Conclusion: The Workshop explained the following topics;

- Recent advances in Structural Engineering
- Recent advances in Earthquake Engineering
- Advances in Performance Monitoring and Prediction
- Advances in Strengthening Technologies
- Advances in prestressing method
- Analysis and design of structures
- Recent advances in Concrete Technology and Sustainable Construction Practices
- Application of Software
- Recent advances in Geotechnical Engineering
- Soil Improvement and Ground Modification including application of geosynthetics





16. Photos with caption:

Anand Tapase KBPCOES is presenting

TYPES OF PLASTIC PACKAGING

BY TYPE OF USE

Containers	50%
Films & bags	37%
Coatings	7.5%
Closures	5%

BY TYPE OF RESIN

LDPE	32.5%
HDPE	29.4%
PS	10.7%
PP	10.3%
PETE	9.1%
PVC	4.6%
Other	3.4%

Ref.: Report given by FHHL (Food Hygiene & Health Laboratory),
Moga Centre, Maharashtra Haryana

You

Anand Tapase KBPCOES

53 others

Dr. Anand Tapase guiding faculties and students

Prof. S. P. Salunkhe
 Coordinator

Prof. G. S. Jadhav
 H.O.D
 Head of Department
 Dept. of Civil 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





RajgadDnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

DEPARTMENT OF CIVIL ENGINEERING

Report on One Day Workshop of "Importance of Professionalism in Day to Day Life"

Date: 28/05/2021

1. **Program type: Workshop**
2. **Event Name: Importance of Professionalism in Day to Day Life**
3. **Attendees:** Faculties and students from in and outside the institute
4. **Name and Designation of Resource Person : Mr. Sanjay Patil**
5. **Company / Institute of Resource Person: Managing Director, SSA steel, Pune**
6. **Event coordinator:** Prof. S. R. Sutar & Prof. S. K. Bhosale
7. **Date of Execution:** 28/05/2021
8. **Duration of Event:** 10.00 PM - 4.00 PM
9. **Venue of event / Link:** <https://meet.google.com/xwc-rvzr-bry>
10. **Number of Participants:** 23
11. **Fee details:** Free
12. **Objectives:** To create awareness among non teaching Faculty regarding importance of professionalism & work Ethics. .
13. **Outcomes:** Objective of workshop was successfully achieved. Guest speaker share importance of professional & work ethics while working not only in professional field but also in day to day life.
14. **Description (program conduction details) / speaker topic explanation:**
On behalf of Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune department of civil engineering has conducted a workshop on "Importance of Professionalism in Day to Day Life" on 28th May 2021 for non teaching & supporting staff of institute to give guidance that, 'how to

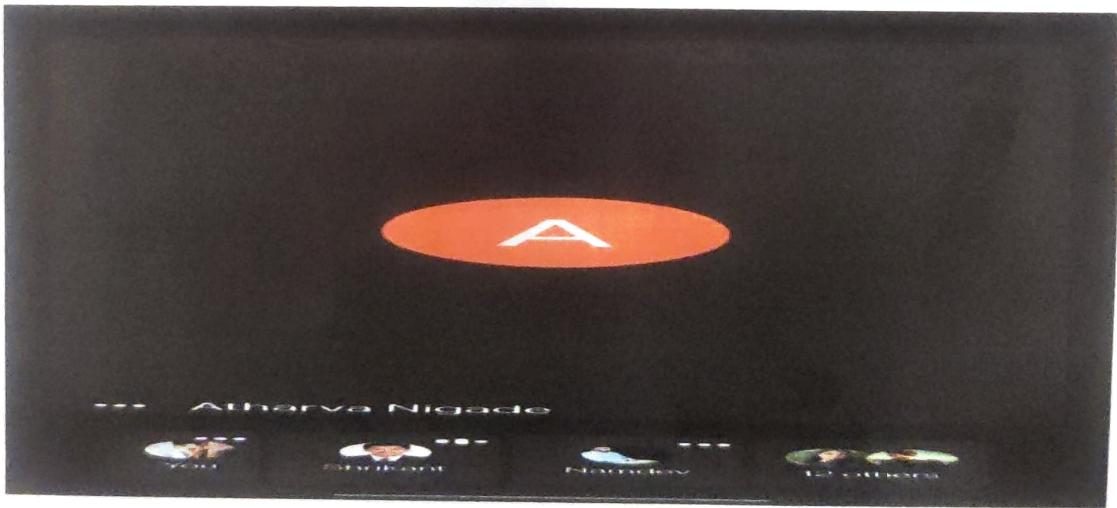
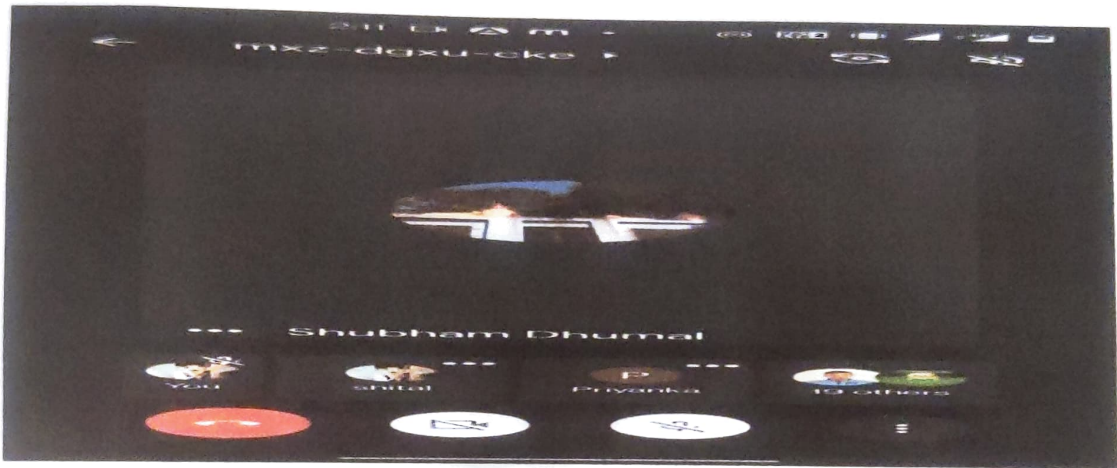




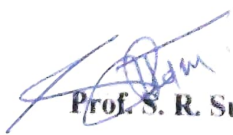
maintain professionalism & work ethics in professional & day to day life as well.

Conclusion: Non teaching & supporting staff get benefitted by this workshop. They come to know very well the importance of professionalism & work ethics in professional & day to day life too.

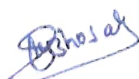
15. Photos with caption



Communication of Expert with Participant


 Prof. S. R. Sutar , Prof. S. K. Bhosale,

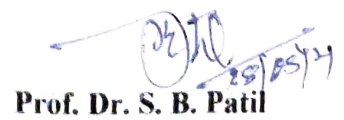
Coordinator




 Prof. G. S. Jadhav

H.O.D

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


 Prof. Dr. S. B. Patil

Principal

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





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

REPORT OF ONE DAY WEBINAR ON
INVESTMENT AWARENESS PROGRAM-
“INTRODUCTION TO SECURITIES MARKET”

DEPARTMENT: Mechanical Engineering & Staff & Student Welfare Cell

NAME OF GUEST/EXPERT: Mr. AMIT GUPTA
MS Finance, MMS Finance(NIT), MBA Project Mgmt.,
CCRA™, CWM®(USA), CIRA®, BE(Govt. College)
SEBI Empaneled Securities Markets Trainer,
NISM Empaneled CPE Trainer(for MFD, EqDeri., RRA)

TITLE OF SESSION: Investment Awareness Program-“Introduction to Securities Market”

DAY & DATE: Wednesday, 17th February 2021

STUDENTS & FACULTY PRESENT: 32

CORDINATOR: Prof. M. B. Bankar

Mode of Conduction: Online

Registration Link: <https://forms.gle/21RdN2zRk1v5VPKy5>

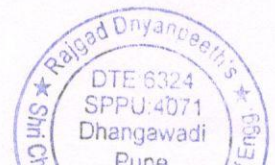
Link to Join Program:

<https://sebibcp.webex.com/sebibcp/j.php?MTID=m3b43cec65575e1e254932f7b0989b4d7>

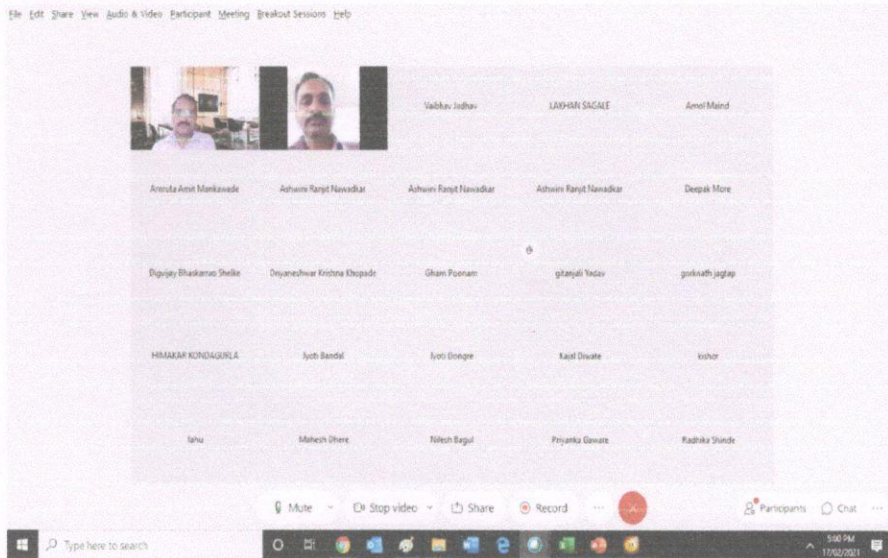
Time- 10.00am to 05.00 pm.

DISCRIPTION:

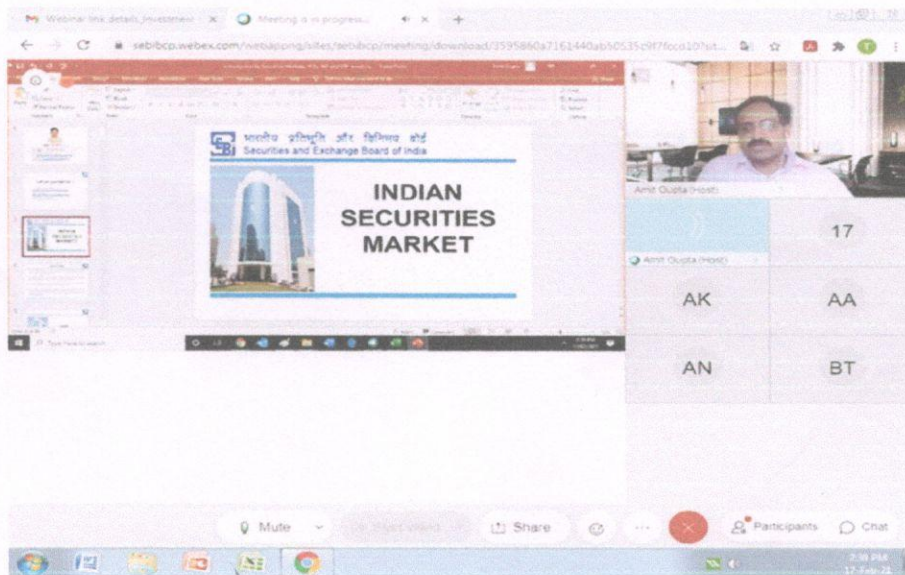
Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering in association with NSDL ((National Securities Depository Ltd.) organized a webinar on Investment Awareness Program- “Introduction to Securities Market” on 17th February 2021. The objective behind this webinar was to create awareness among students and faculty members (prospective investors), to make them financially literate and aware for equipping them to take their financial decisions in an informed manner and to do financial planning in a more structured manner so that not only their present is good but also their future is secured. The speakers for the session were Mr. Amit Gupta, MS Finance, MMS Finance(NIT), MBA Project Mgmt., CCRA™, CWM®(USA), CIRA®, BE(Govt. College), SEBI Empaneled Securities Markets Trainer, NISM Empaneled CPE Trainer(for MFD, EqDeri., RRA). Throughout the session speakers enlighten participants about Role of SEBI in investor protection, Operational procedure for investing in stock market, Nitty-gritty of NSDL working and Certain Do's and Don'ts for investment decision making. The webinar was attended by under-graduate students of Engineering stream and faculty members. After the talk of speaker's students asked their queries related to securities market in terms of investment, tax



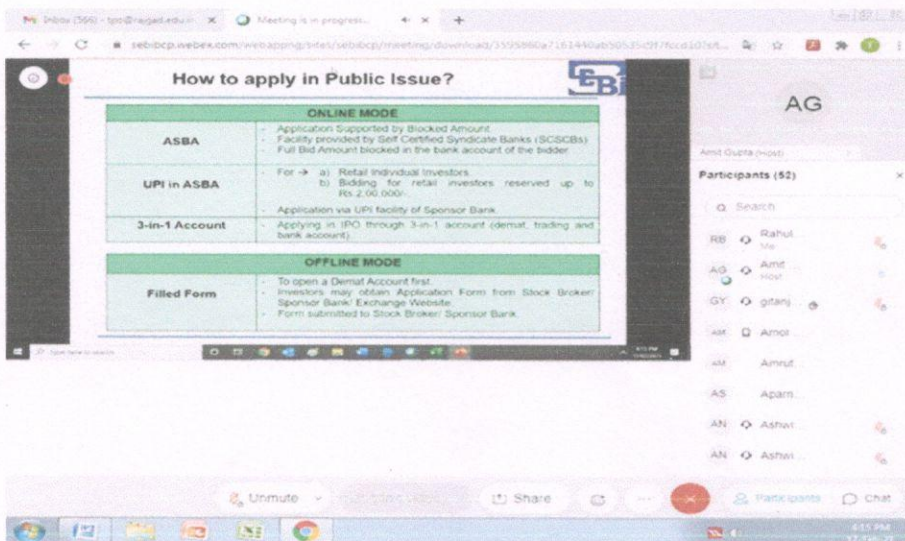
PHOTO'S DURING SESSION:



Welcome of speaker Mr. Amit Gupta



Presentation by Mr. Amit Gupta



Mr. Amit Gupta explaining Investment Strategies





Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

Department of Computer Engineering

Name of Expert: Prof. Kiran C. Gholasgaon

Title of Session: Workshop on “Introduction to Computer”

Date: 13/02/2021

Duration: 1 days

Event Coordinator: Mr. A. D. Maind

Objective: The objective of the workshop is to create awareness among participants along with hands-on experience regarding concepts of basic concepts of computer.

Description:

The Rajgad Dnyanpeeth Technical Campus, Shree Chhatrapati Shivajiraje College of Engineering, Dhangawadi, and Department of Computer Engineering organized one day workshop on 13th Feb 2021. at 11.00 am in Computer Centre which is based on “Introduction to Computer” for technical staff to help them to understand & introduce the basic concepts related to Computer.

The following points were discussed

1. Introduction
2. Differentiate between hardware & software
3. Use the mouse to open programs, minimize, maximize, & close the program
4. Be familiar with Windows Desktop terminology
5. Copy/Cut and paste text within/ between documents and between programs
6. Save a Word document on the Desktop
7. Be familiar with common items found on an online form
8. Use a browser to connect and explore the internet
9. Review the components of an e-mail account
10. Send a reply to an e-mail
11. Attach a file to an e-mail message
12. Know the difference between cc & bcc

One day workshop was conducted by Prof. Kiran C. Gholasgaon having 8 years' experience as an Assistant Professor at Sinhgad College of Engineering, Vadgaon.

Conclusion: Faculty engaged in Interactive workshop and it is found to be very productive and knowledgeable.



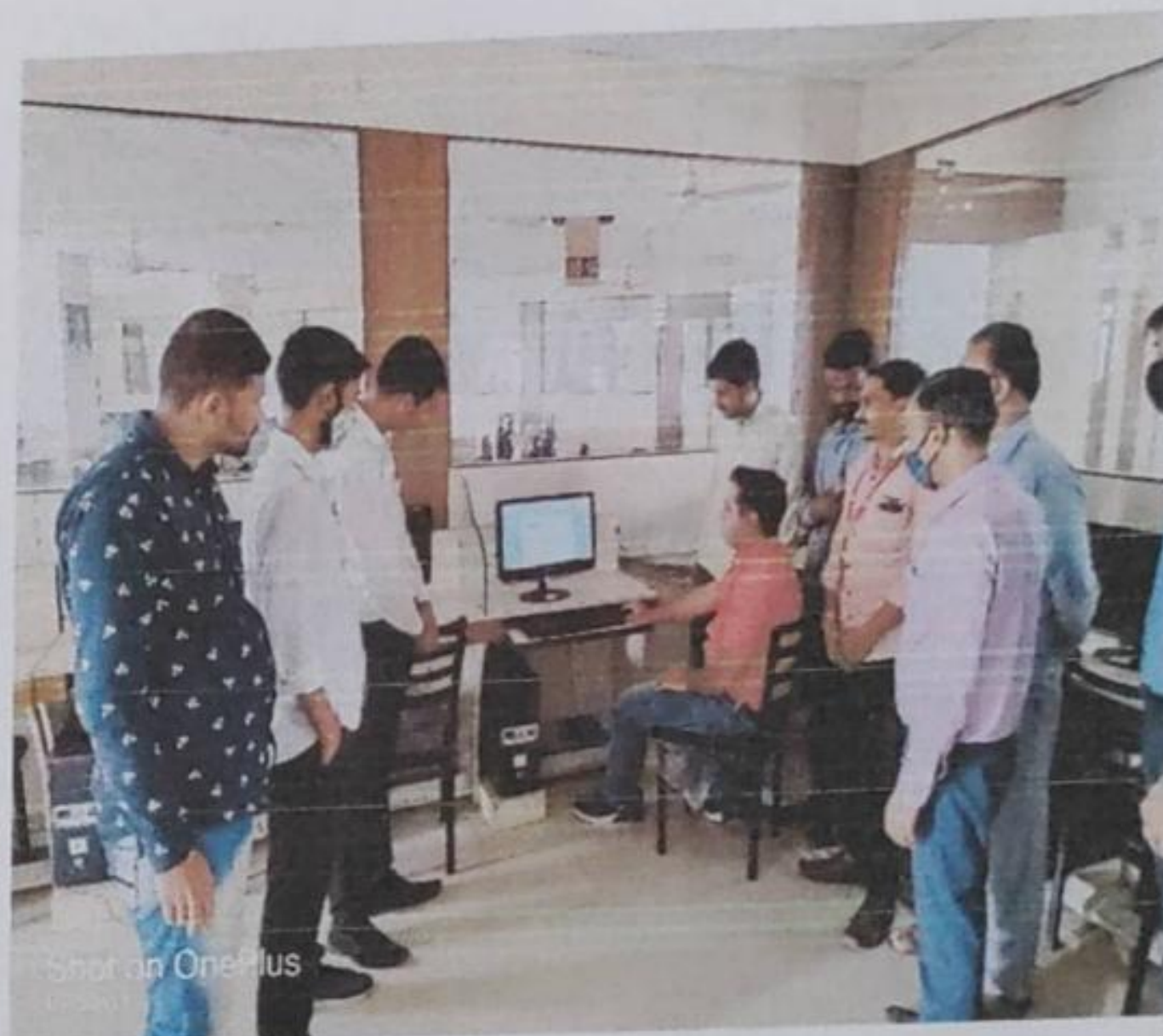


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Photos During session:



Prof. Kiran C. Gholasgaon guiding faculty during the Session



Hands on training in the Laboratory during the Session

Amaind
COORDINATOR
Mr. A. D. Maind

Sondkar
HOD
Prof. A. S. Sondkar
Head of Department
Dept. Computer 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 Electronics & Telecommunication Engineering

Name of Expert: Prof. Swanand D. Pasalkar

Title of Session: Workshop on “Introduction to Arduino”

Date: 10/02/2021 and 11/02/2021

Duration: 2 days

Event Coordinator: Mr. A. D. Kamble

Objective: The objective of the workshop is to create awareness among participants along with hands-on experience regarding concepts of Arduino input output functions, Arduino time, display, sensor, communication and its applications.

Description:

The Rajgad Dnyanpeeth Technical Campus, Shree Chhatrapati Shivajiraje college of Engineering, Dhangawadi, Department of E&TC engineering organized two day workshop on 10th and 11th Feb 2021. at 11.00 am in simulation Laboratory which is based on “Introduction to Arduino” for technical staff to help them to understand & introduce the basic concepts related to Arduino board. impart knowledge on the concepts of Arduino input output functions, Arduino time, display, sensor, communication and its applications.

The following points were discussed

1. Arduino i/o Functions
2. Arduino Time, display.
3. Arduino Sensors
4. Arduino Secondary Integrations
5. Arduino Communication

Two day workshop was conducted by Mr. Swanand D. Pasalkar having 9 years experience as an Asst. Professor at Abhinav Education Society college of Engineering and Technology, wadwadi.

Conclusion:

Faculty engaged in Interactive workshop and it is found to be very productive and knowledgeable.





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

Photos During session:



Prof. Swanand D. Pasalkar guiding faculty during the Session



Hands on training in the Laboratory during the Session

**COORDINATOR
Mr. A. D. Kamble**



**HOD
PROF. T. M. DUDHANE
Head of Department
Dept. of E& TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206**



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Gat. No. 237, Pune Banglore Highway, Dhangawadi, Tal: Bhor, Dist: Pune

FACULTY DEVELOPMENT PROGRAM REPORT

DEPARTMENT: **E&TC**

CLASS: Faculties of E & TC and Computer Department

NAME OF GUEST/EXPERT: **Mr. Rushikesh Gite**

FROM: **Senior Data Scientist Out of the blue AI**

TITLE/TOPIC: **"Basics of Python Programming"**

DAY & DATE: 02/01/2021 to 16/01/2021 DURATION OF SESSION: 3 Days

ATTENDIES: 14

CO-ORDINATOR: **Prof. Dr. S. I. Nipanikar , Prof. P.S. Gham**

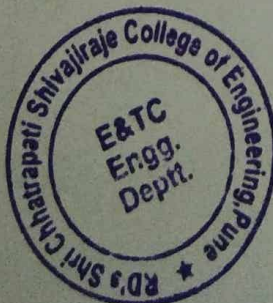
OBJECTIVE: The aim of this faculty development programming is to provide Basic knowledge of Python. Python programming is intended for software engineers, system analysts, program managers and user support personnel who wish to learn the Python programming language.

DESCRIPTION: Department of Electronics and telecommunication organized faculty development program on "**Basics of Python Programming**" on 02/01/2021 to 16/01/2021 for Faculties of E & TC and Computer Department.

Python is a high-level, general-purpose and a very popular programming language. Python programming language (latest Python 3) is being used in web development, Machine Learning applications, along with all cutting edge technology in Software Industry. Python Programming Language is very well suited for Beginners, also for experienced programmers with other programming languages like C++ and Java.

This specially designed Python tutorial will help you learn Python Programming Language in most efficient way, with the topics from basics to advanced (like Web-scraping, Django, Deep-Learning, etc.) with examples.

Below are some facts about Python Programming Language:





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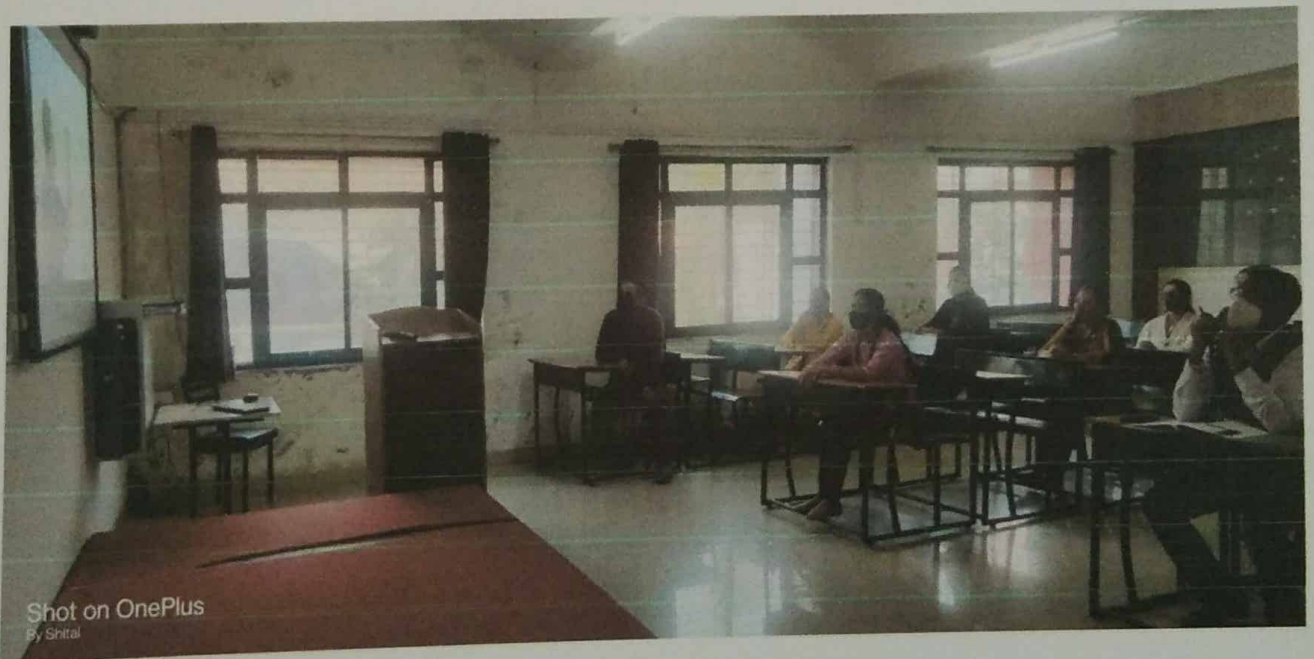
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Gat. No. 237, Pune Bangalore Highway, Dhangawadi, Tal: Bhor, Dist: Pune

1. Python is currently the most widely used multi-purpose, high-level programming language.
2. Python allows programming in Object-Oriented and Procedural paradigms.
3. Python programs generally are smaller than other programming languages like Java. Programmers have to type relatively less and indentation requirement of the language, makes them readable all the time.
4. Python language is being used by almost all tech-giant companies like – Google, Amazon, Facebook, Instagram, Dropbox, Uber... etc.

CONCLUSION: Since the embedded system is necessary for artificial intelligence. In the future, there must be good scopes that all must use and learn embedded system that helps in their knowledge and gain some new skills for getting some worthy job opportunities.

Photos During Webinar



Mr. Gite is explaining basic of python in online mode

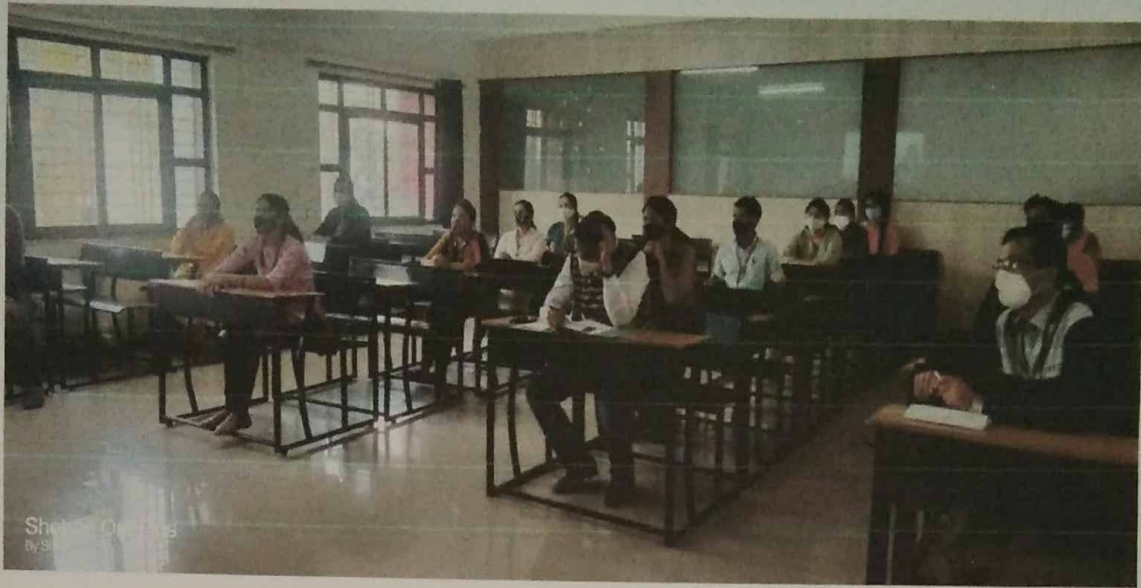




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Gat. No. 237, Pune Bangalore Highway, Dhangawadi, Tal: Bhor, Dist: Pune



Faculties attending online FDP

Prof. P. S. Gham

Coordinator

Prof. Dr. S. I. Nipanikar

Coordinator

Prof. T. M. Dudhane

HOD E & TC

Head of Department

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

Prof. Dr. S. B. Patil

Principal
Principal

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



REPORT ON MACHNE LEARNING WITH PYTHON WORKSHOP

TITLE/TOPIC : **MACHNE LEARNING WITH PYTHON WORKSHOP**

DAY/DATE : "Tuesday" 23rd March 2021

VENUE : Individual Online platform Zoom & Computer Department

DURATION OF SESSION : 10:00 AM to 12:00 PM

OBJECTIVE

1. Providing students a hands-on training and practical session of Machine learning technology
2. Understand and use essential tools of Machine learning with Python programming.

SUMMERY

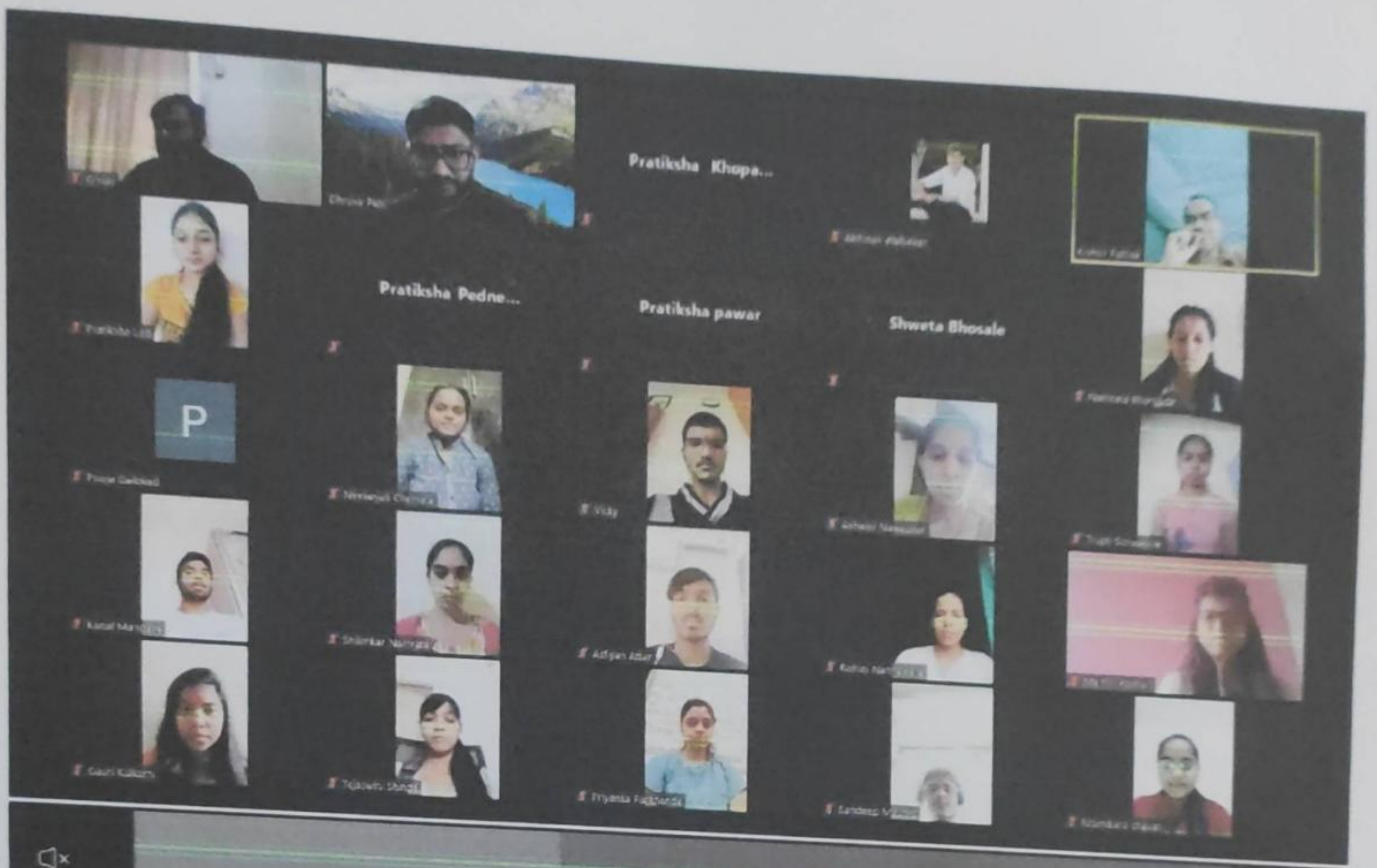
The workshop has begun with the sharing the link of workshop to the students. Students joined workshop using online platforms of Microsoft teams. Prof. K.R. Pathak (Head of Department) welcome the Guest Mr. Dhruv Patil.

The workshop covered the basic algorithm that helps us to build and apply prediction functions with an emphasis on practical applications.

The outcomes of this workshop are:

- Understand the components of a Machine Learning algorithm.
- Apply Machine Learning tools to build and evaluate predictors
- How Machine Learning uses computer algorithms to search for patterns in data
- How to uncover hidden themes in large collections of documents using topic modeling
- How to prepare data, deal with missing data and create custom data analysis solutions for different industries
- Basic and frequently used algorithmic techniques including sorting, searching, greedy algorithms and dynamic programming

At the end of this workshop, Mr. Dhruv Patil demonstrates the designing of small running projects. He conducted a whole workshop content actively and will gave certificate after the evaluation the quiz & performance of students. Also students shared their questions and queries regarding the ML and Python platform. Prof. K.R. Pathak expressed vote of thanks. And wished students support for upcoming technologies regarding Machine learning platform.



Zoom
Leave

Model selection: Cross Validation

- Model can only be deployed on the test data.
- The training set is split into k smaller sets and validation sets are considered.
- The best model (hyperparameters) evaluated on test set.

The diagram illustrates the k-fold cross-validation process. It starts with 'All Data' at the top, which is split into 'Training data' (green bar) and 'Test data' (blue bar). Below this, five 'Split' rows (Split 1 to Split 5) are shown. Each split row contains five 'Fold' boxes (Fold 1 to Fold 5). In each split, one fold is highlighted in blue, representing the test set for that split, while the other four folds are green, representing the training data. A bracket on the right side of the folds is labeled 'Finding Parameters', indicating that the model is trained and evaluated on these folds to determine the best hyperparameters. At the bottom, a bracket labeled 'Final evaluation' points to the 'Test data' bar, indicating that the best model is evaluated on the original test data.

Stop
Start Video
Participants
More



Ashwin

Prof. A.R.Nawadkar

Coordinator



A.S.Sondkar

Prof. A.S.Sondkar

HOD

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

4. Summary of Workshops /SDP / Training Programs /Seminar organised for Students by our Institute





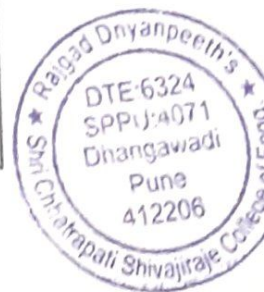
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Summary of Webinar/ Workshop/ Quiz/ Any Technical Event organised in institute for Students

Sr.No.	Name of Event/Workshop for students	Organised under Department	date of Event	No.of Students
1	Technical Quiz on Syllabus (2019 Patt.)	FE Department	19/06/2021 to 20/06/2021	FE
2	E-Quiz on Mathematics	FE Department	08/12/2020 to 22/12/2020	FE
3	Engineering Mathematics	FE Department	20/03/2021	FE/SE
4	Engineering Graphics	FE Department	9/6/2021	FE
5	webinar on Art of Living-Immunity Boosting Program	Mechanical Engineering Department	1/7/2021 to 03/07/2021	SE/TE/BE
6	Webinar on Investment awareness program- "Introduction to Securities Market"	Mechanical Engineering Department	17/02/2021	SE/TE/BE and faculty
7	New Emerging Technologies in Energy Conservation	Mechanical Engineering Department	5/18/2021	SE/TE/BE
8	GATE Awareness Program	Mechanical Engineering Department	08/02/2021 to 09/02/2021	TE/BE
9	"Engineer's Opportunity in Process Industries"	Mechanical Engineering Department	6/12/2021	SE/TE/BE
10	One Week STTP on Applications of CAD Software's in Industries	Mechanical Engineering Department	10/02/2021 to 13/02/2021	TE/BE



11	one day workshop on "Recent Advancement and Future Scope of Engineering"	Civil Engineering Department	9/15/2020	TE/BE
12	Workshop on Recent Trends in Pre Engineering building	Civil Engineering Department	4/23/2021	TE/BE
13	Workshop on how to make yourself employable	Civil Engineering Department	5/8/2021	TE/BE
14	One day workshop on "Importance of PROFESSIONALISAM	Civil Engineering Department	5/28/2021	BE
15	Expert lecture on Analysis & Design of Welded Plate Girder	Civil Engineering Department	9/19/2020	TE
16	Expert lecture on Design of L & T shape Retaining wall	Civil Engineering Department	9/13/2020	BE
17	Expert Lecture on Remote sensing & GIS	Civil Engineering Department	1/17/2021	SE
18	Expert lecture on Spatially Varried Flow	Civil Engineering Department	2/11/2021	SE
19	Expert lecture on Boundary Layer Theory & Flow through pipes	Civil Engineering Department	3/3/2021	TE
20	Poster Competition	Computer Engineering Department	26-03-2021	SE/TE/BE
21	Project Competition	Computer Engineering Department	30-03-2021	SE/TE/BE
22	Guest Lecture on Database Management System 'NoSQL'	Computer Engineering Department	14-09-2020	TE
23	Expert Lecture on Internet of Things	Computer Engineering Department	12/2/2021	BE
24	Workshop on "Red Hat Linux Administration"	Computer Engineering Department	03/02/2021 to 05/02/2021	TE, BE
25	Workshop on Machine Learning with Python	Computer Engineering Department	3/23/2021	TE, BE
26	Online quiz on Era of Microcontroller	Electonics & Telecommunication Enginnerinf Department	3/17/2021	30



27	Online Quiz on Vogue of Digital Circuit	Electronics &Telecommunication Enginnerinf Department	3/18/2021	44
28	Webinar on Cyber Security, Skill Development and Job Development	Electronics &Telecommunication Enginnerinf Department	5/6/2020	SE,TE,BE AND FACULTY
29	Webinar on "Intellectual Property Rights"	Electronics &Telecommunication Enginnerinf Department	15/10/2020	SE, TE, BE
30	Webinar on Opportunity in Embedded System	Electronics &Telecommunication Enginnerinf Department	9/2/2021	TE, BE
31	Guest lecture on Control System	Electronics &Telecommunication Enginnerinf Department	01/06/2021 to 05/06/2021	SE



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



5.Reports of Workshops
/SDP / Training
Programs /Seminar
organised for Students
by our Institute





Date: - 21/06/2021

REPORT ON e-QUIZ

1. **TITLE OF QUIZ:** Quiz on Syllabus FE (2019 Pattern)
2. **DURATION:** 19th June – 20th June 2021
3. **ONLINE PLATFORM:** Google document
4. **LINK FOR e-Quiz:** <https://forms.gle/yRk8LdnvYa5dsSwg6>
5. **NAME OF CO-ORDINATOR:** Prof. B. P. Tapare
6. **NUMBER OF PARTICIPANTS:** 61
7. **OBJECTIVE:** A syllabus quiz acts as a contract to verify the understanding of essential elements of the syllabus. The purpose of a syllabus quiz is to familiarize students with the syllabus content. This also gives students a chance to reflect on questions asked by students from previous terms.
8. **DISCRIPTION:** In the response to the notice given by HOD Prof. J. G. Kale suggested to conduct the e-Quiz on the FE Syllabus (2019 Pattern). With this proposal Prof. B. P. Tapare has prepared the e contest on the FE syllabus with the help of HOD Prof. J. G. Kale, Prof. J. J. Bandal, and Prof. A. S. Sondkar. The e-certificate was distributed to all participants.

Prof. B. P. Tapare
Co-ordinator

Prof. J. G. Kale

HOD
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

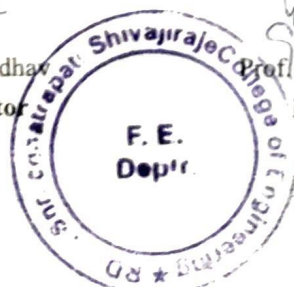
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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


REPORT ON e-QUIZ**Date: - 23/12/2020**

1. **TITLE OF QUIZ:** National mathematics day
2. **DURATION:** 8th December-22nd December 2020
3. **ONLINE PLATFORM:** Google document
4. **LINK FOR e-Quiz:** <https://forms.gle/P59f3PB1QmLJQ4Rt5>
5. **NAME OF CO-ORDINATOR:** Prof. Y. G. Jadhav
6. **NUMBER OF PARTICIPANTS:** 127
7. **OBJECTIVE:** The prime objective is to celebrate the birth anniversary of Great mathematician Shrinivasa Ramanujan. In 2011 the prime minister decided to celebrate National mathematics Day on the 125th birth anniversary of Sir Ramanujan. The purpose behind it was to make mathematics teachers familiarize with the great contribution that had been made in the field of Mathematics by him.
8. **DISCRIPTION:** In the response to the notice given by AICTE Prof. Dr. S. B. Patil sir suggested conducting the e-Quiz on the life of Sir Shrinivasa Ramanujan in order to celebrate National mathematics Day. With this proposal Prof. Y. G. Jadhav has prepared the e contest on mathematics with the help of HOD Prof. J. G. Kale and Prof. B. P. Tapare. The e-certificate was distributed to all participants.


Prof. Y. G. Jadhav
Co-ordinator




Prof. J. G. Kale
HOD


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

**DEPARTMENT OF FIRST YEAR ENGINEERING****Report on "Engineering Mathematics"**

Date: 20.03.2021

- 1. Program type:** Webinar
- 2. Event Name:** Engineering Mathematics
- 3. Attendees:** FE and SE students
- 4. Name and Designation of Resource Person :**
Dr. Pravin Jadhav.
Associate Professor in mathematics,
- 5. Company / Institute of Resource Person:**
Hon. Balasaheb Jadhav Art, Commerce, and Science College, Ale, Tal- Junnar,
Dist-Pune.
- 6. Event coordinator:** Dr. Y. G. Jadhav
- 7. Date of Execution:** 20.03.2021
- 8. Duration of Event:** 11.00 am to 12.00 pm
- 9. Venue of event / Link:** Zoom meeting link
<https://us04web.zoom.us/j/78390154676?pwd=enNxYlhhYlQ4MkllNUdhQURGQm9mQT09>
Meeting ID: 783 9015 4676
Passcode: 8ef4u8
- 10. Number of Participants:** 100
- 11. Fee details:** Free
- 12. Objectives:** The main objective of the program was to guide students about how to solve multiple choice questions quickly. To illustrate the basics of partial differential equation.



13. Outcomes: Attendees of the webinar understood the concept of partial differentiation. They can solve examples on it with short steps.

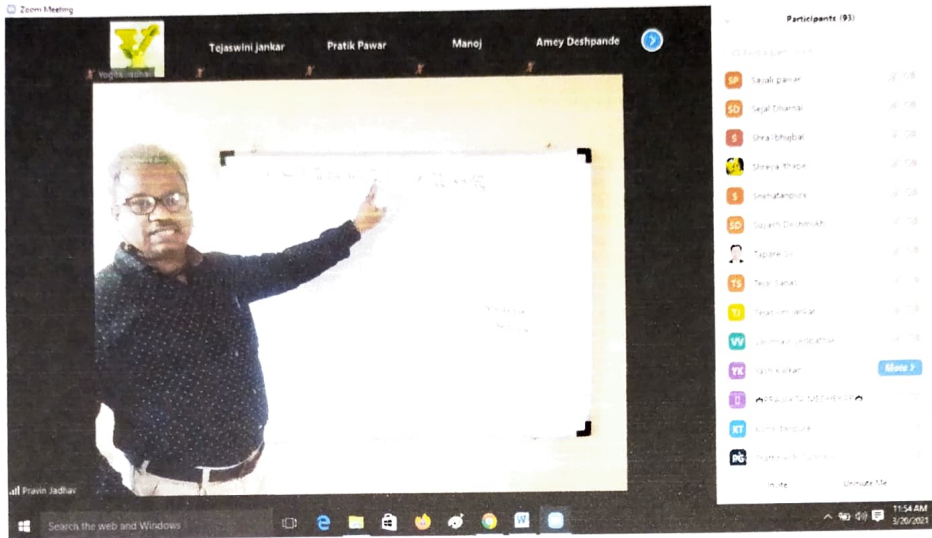
14. Description (program conduction details) / speaker topic explanation:

The webinar is started with saraswati vandana. It is followed by inaugural speech of Principal of institute Prof. Dr. S. B. Patil sir. The speaker has delivered the session with interactive chalk board method. He has started session with definition of PDE, followed by finding partial derivatives of simple and composite function. Afterwards Euler's method for homogeneous partial differential equation was explained by very lucid manner. The webinar is ended with vote of thanks delivered by Dr. Y. G. Jadhav.

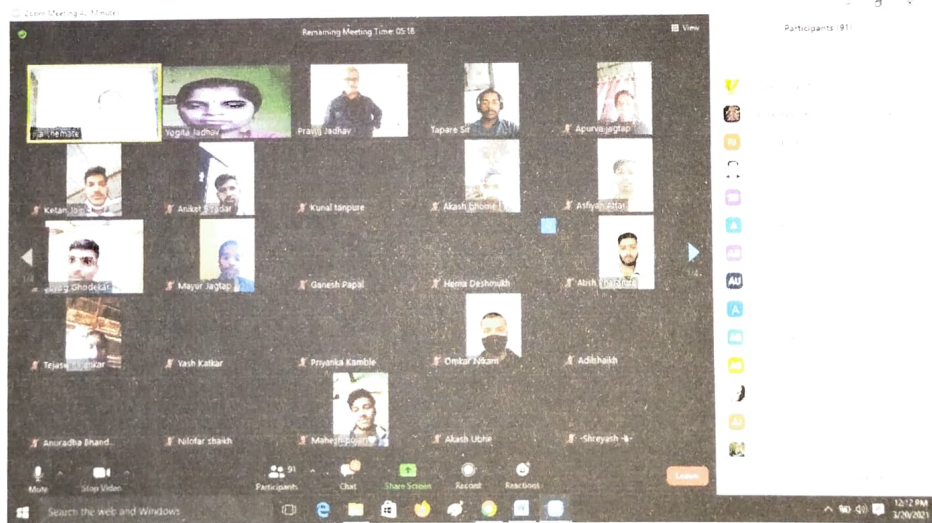
15. Conclusion. The webinar was helpful for first year and second year engineering students having engineering mathematics as a program course. It helps to enhance the technique of finding partial differential equations for composite functions and homogeneous equations using Euler's method.



16. Photos with caption



Dr. Pravin Jadhav sir explaining partial derivatives



Snapshot of all participants in zoom meeting

Jadhav

Dr. Y. G. Jadhav
Co-ordinator

Kale

Prof. J. G. kale
HOD

Patil

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

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

REPORT ON GUEST LECTURE

TITLE/TOPIC: Guest Lecture on “Engineering Graphics”

RESOURCE PERSON: Prof. sachin Todkar .

DAY & DATE Saturday -09/06/2021

VENUE: Class Room, RDTC, SCSCOE.

DURATION OF SESSION: 10am to 12.00pm

STUDENT/STAFF PRESENT: 62 /1

CORDINATOR: Prof S.D.Thorbole

OBJECTIVE: To provide the information to the students about the subject.

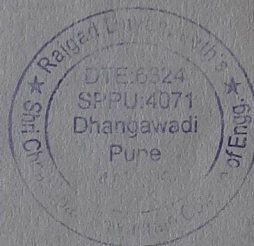
DESCRIPTION: The expert of session Prof. Sachin Todkar sir gives brief explanation of Engineering Graphics Subject. Give valuable guidance to the students and staff. Take particular topic in that course .the following content Taken as:

Take particular topic in that course .the following content Taken as:

- Engineering Curves
- Orthographic projecton

CONCLUSION: Student and Staff are gets aware about the importance of this Guest Lecture.

PHOTO DURING SESSION:





Student's interaction

Prof. S.T. Thorbole

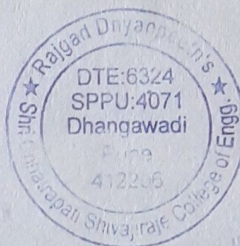
Coordinator

Prof. Dr. S.B. Patil
Principal

RDTC, SCSCOE, Bhor, Pune

Principal

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



Attendance

1:14


VoLTE LTE

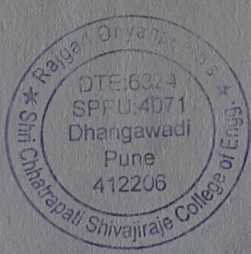


About this call

People

Information









-  Akash Ubhe  
-  Alisha Bandal  
-  Ameya Deshpande  
-  Aniket Raut  
-  Anu Bhandari  
-  Anuradha Raut  
-  Apurva Jagtap  
-  Baban Margale  
-  Bhagyashree Khopade  
-  Damayanti Badadhe  
-  Darshan chourasiya  
-  Ganesh Papal  
-  Gauri Salunke  
-  GAYATRI GANESHKAR  

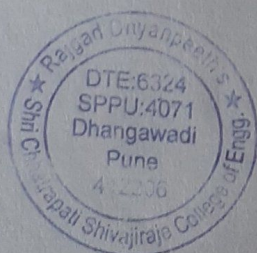


← About this call

People

Information

-  Rupa Jadhav  
-  Sachin Todkar  
-  Sachin Todkar  
-  Sakshi Gaikwad  
-  Sanika Deshmukh  
-  Sanket Bhosale  
-  Sejal Dhamal  
-  shravan bhujbal  
-  Shreyash Mokashi 0268  
-  Shreyash Tarade  
-  SHWETA PHADTARE  
-  Soham Kindre  
-  Suraj Bhosale  
-  Suryakant Thorbole  



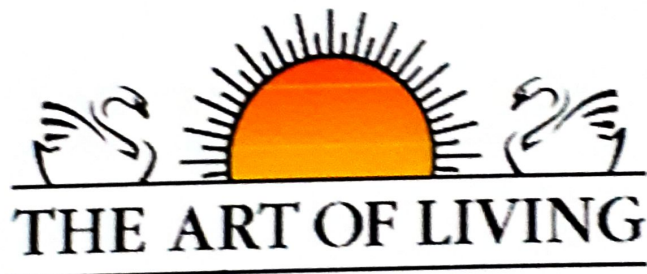
A Report on
Art of Living – Immunity Boosting Program

By



Department of Mechanical Engineering
Raigad Dnyanpeeth's Shri Chatrapati Shivajiraje College of Engineering,
Dhangawadi, Bor.

In Association With



Art of Living

2020-21



PROGRAM GUEST: Dr. Rutva Shah, Faculty Trainer, Art of Living

OBJECTIVE:

1. To bridge the gap between Industry and Institute.
2. To provide ample opportunities for industry exposure to students and faculty through industry visits, summer internship and industry projects.
3. To create awareness of effective and efficient implementation of Apprenticeship Training Scheme throughout India.

DATE: 1st -3rd July 2021

DURATION OF SESSION: 03 Days.

NO. OF PARTICIPANTS: 152

PLATFORM: Zoom Meeting

REGISTRATION LINK: <https://bit.ly/3zDSjFM>

Link to Join WhatsApp Group: <https://chat.whatsapp.com/IR9bhPpO5z4FDZiT0jCEgC>

Link to Join Program:

Day 1: <https://us02web.zoom.us/j/81294576826>

Day 2: <https://us02web.zoom.us/j/81294576826>

Day 3: <https://us02web.zoom.us/j/81294576826>

COORDINATOR: Prof. M. B. Bankar

OBJECTIVES:

1. To enhancement of lung capacity & oxygen levels of individuals.
2. Eliminating stress & improving mental health of students.

DISCRIPTION:

Department of Mechanical Engineering, Shri Chatrapati Shivajiraje College of Engineering organized 'Art of Living – Immunity Boosting Program' for the faculty and students of the institution from 1st -3rd July 2021 via online mode. The COVID-19 crisis impacted engineering education along with skills. As per the circular by AICTE in association with Art of Living these sessions were conducted in a series of three protocols consisting of asanas, meditations, and breathing exercises or pranayamas to improve people's immunity, boost their mental resilience, and provide peace of mind. Yoga, breathing exercises and meditation significantly reduce fear



and anxiety thereby maintaining good physical and mental health. The 30 minutes protocols of Asanas, Pranayama & Meditation were delivered in three categories:

1. For a healthy population in order to help them build overall immunity and lung capacity.
2. Supportive intervention of effective breathing exercises and stretches for patients with mild symptoms either at home or hospitals.
3. Supporting rehabilitation and recovery during Post Covid.

As per the above protocol, a 3-day program of immunity enhancement was conducted for faculty by Dr. Rutva Shah. Covid care support program was initiated by Mr. Malay. and Post covid rehabilitation program by Dr. Rutva Shah. These sessions helped participants to achieve a relaxed state of mind that enables healing and regeneration.

Following mudras mentioned here could help those afflicted by covid and are in their recovery phases- Dr. Rutva Shah suggested.

1. Prana Mudra
2. Apana Mudra
3. Shakti Mudra

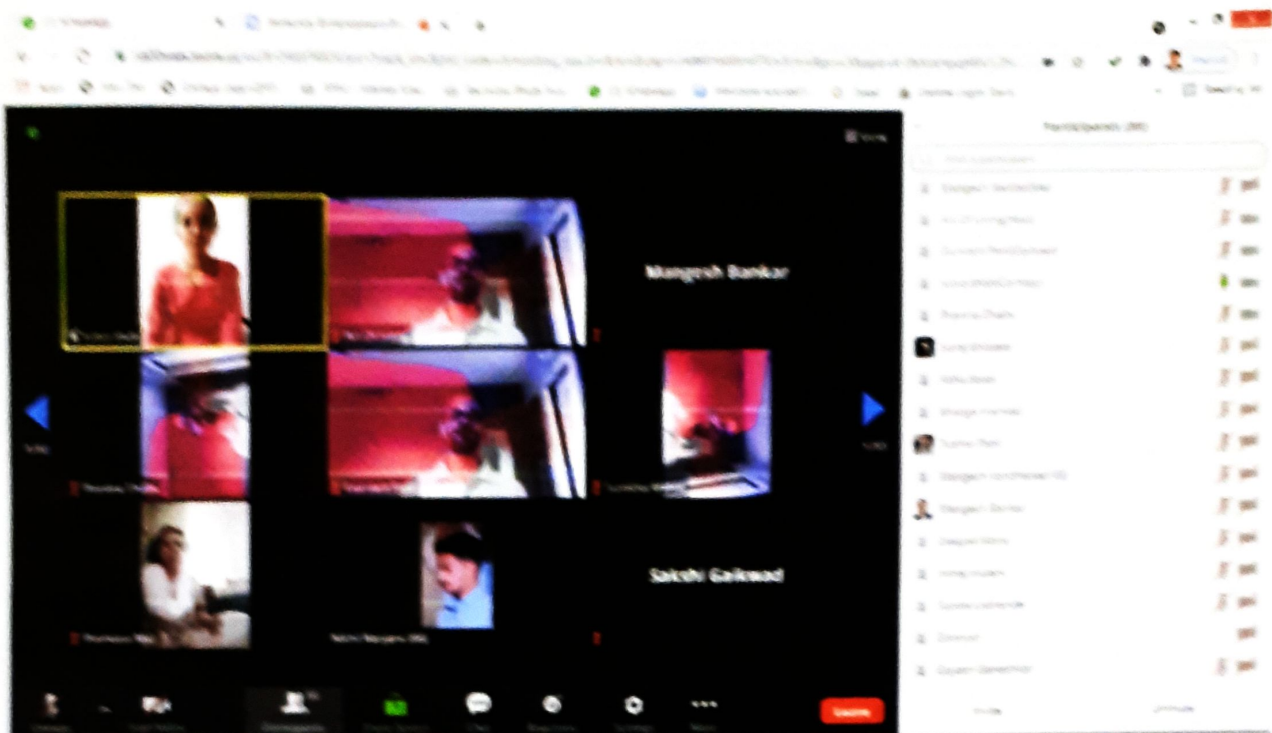
Healthy tips to stay healthy as per Dr. Rutva Shah

- Detoxify your body by drinking at least 6 to 8 liters of water daily
- Get a sound sleep of 6 to 8 hours
- Include more green vegetables in your diet and eat on time
- Make sure your diet is getting you your daily amount of vitamins and minerals
- Adopt ayurveda for a healthy lifestyle
- Follow basic hygiene practices
- Exercise and meditate regularly

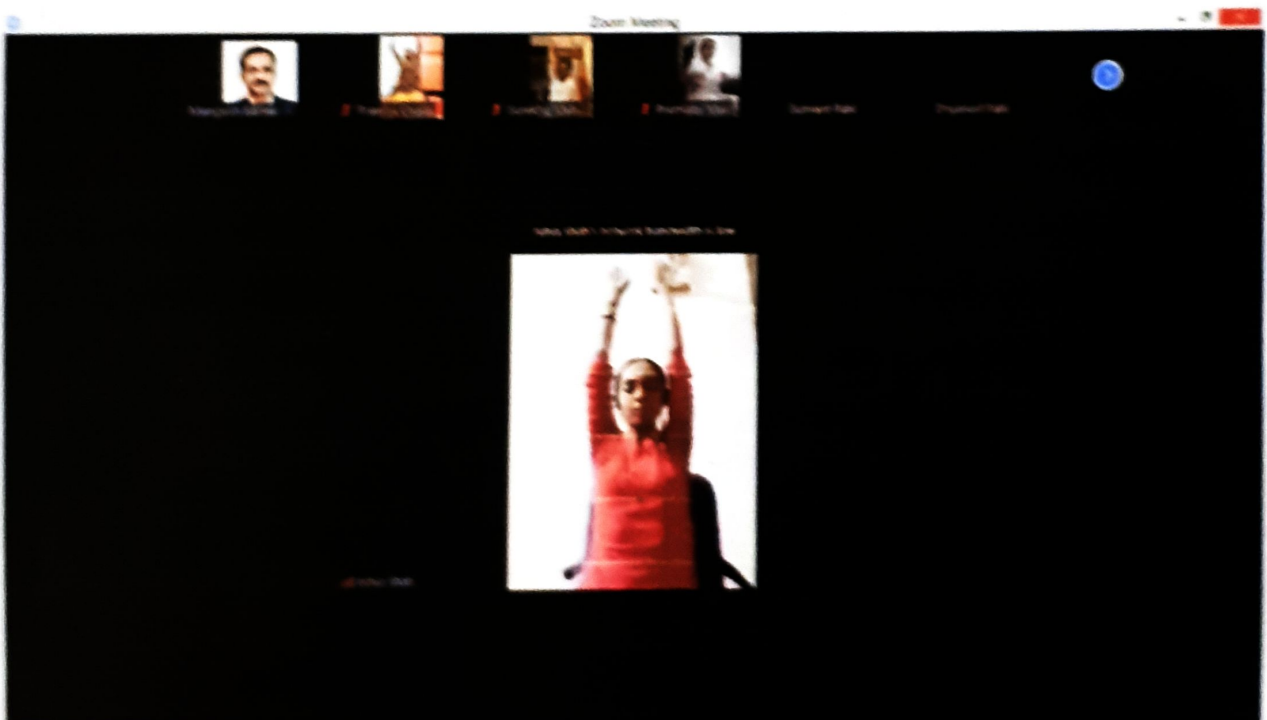


Photographs during program:

Day 1:



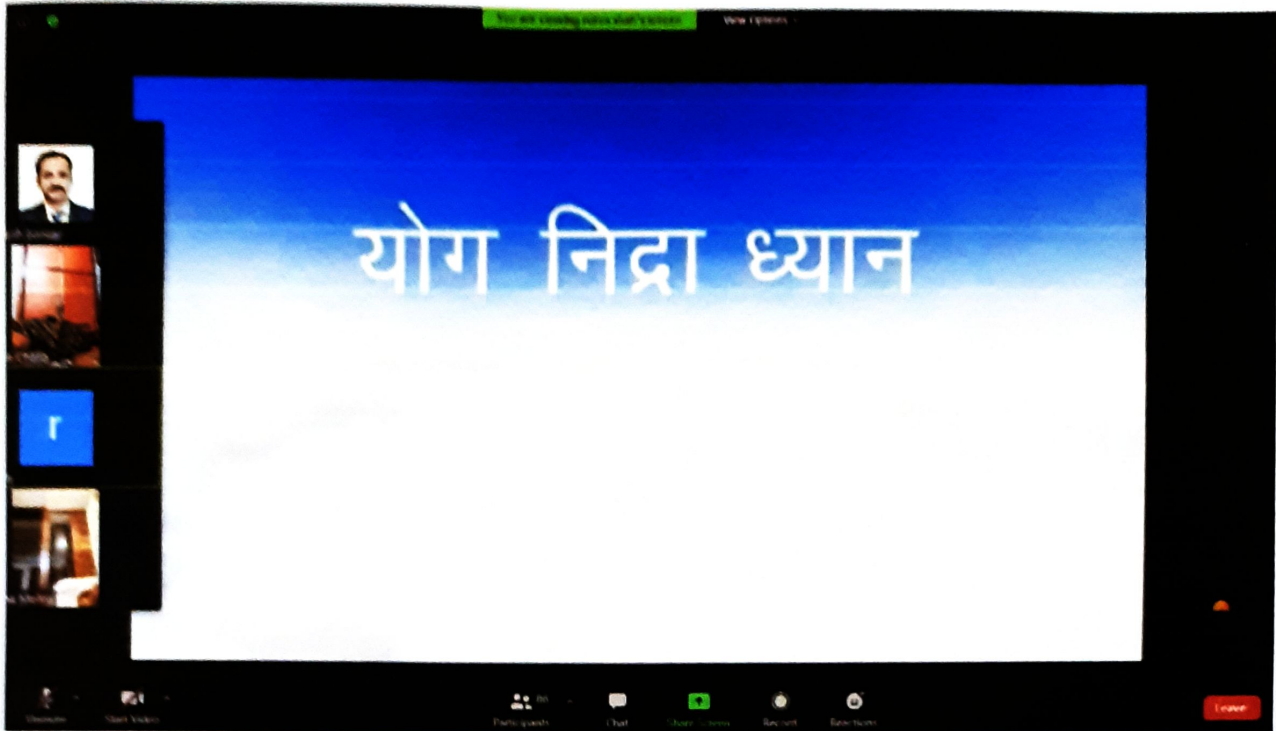
Introductory speech by Dr. Rutva Shah



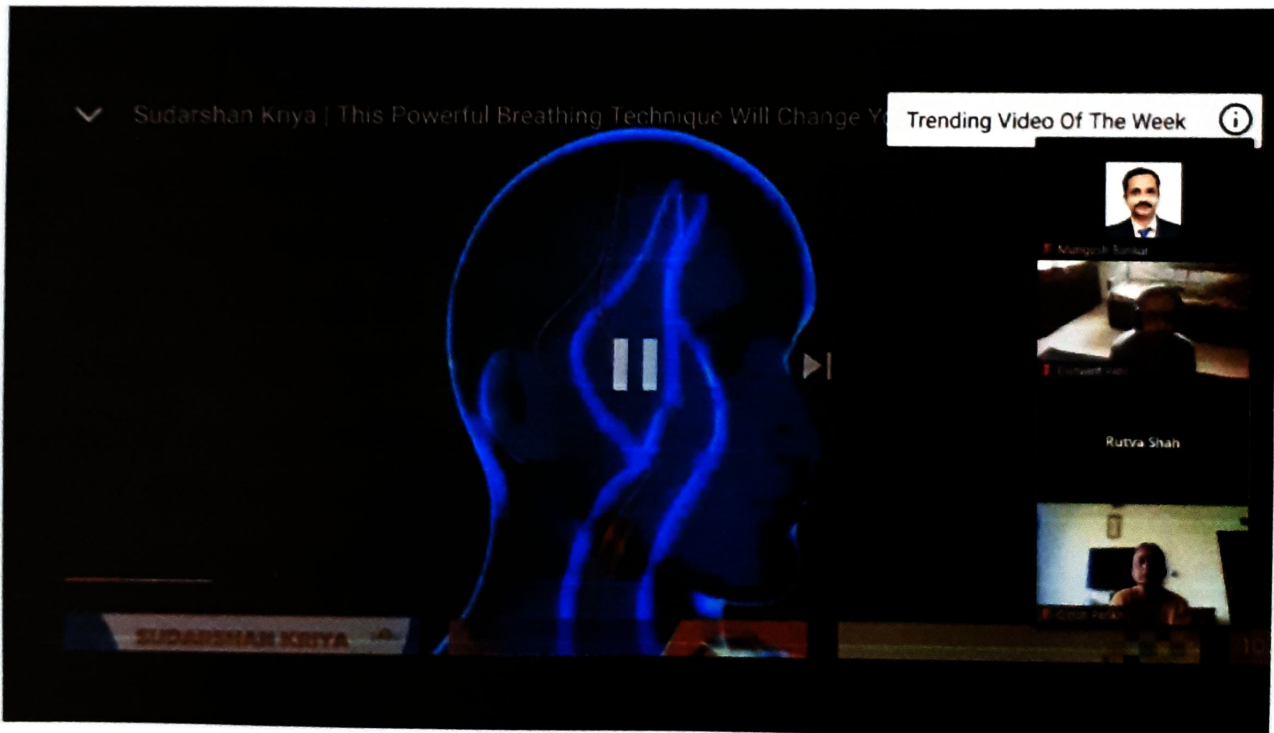
Pranayam Session



Day 2:

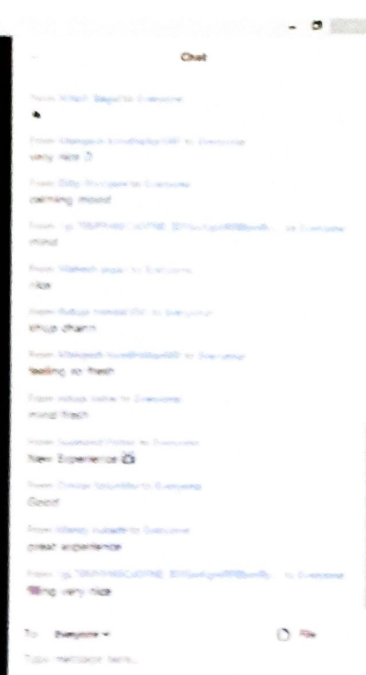
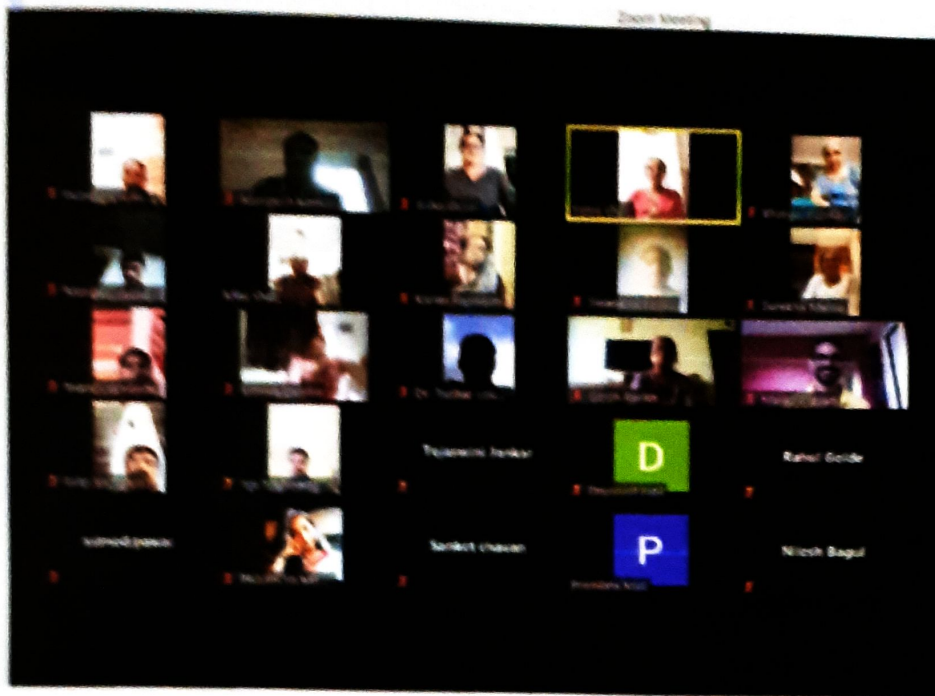


Yog Nidra Dhyana Session

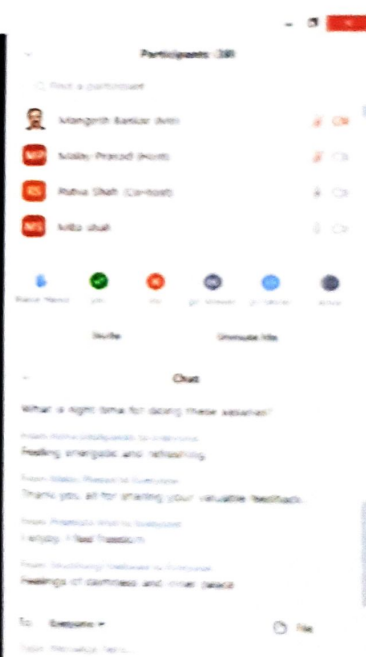
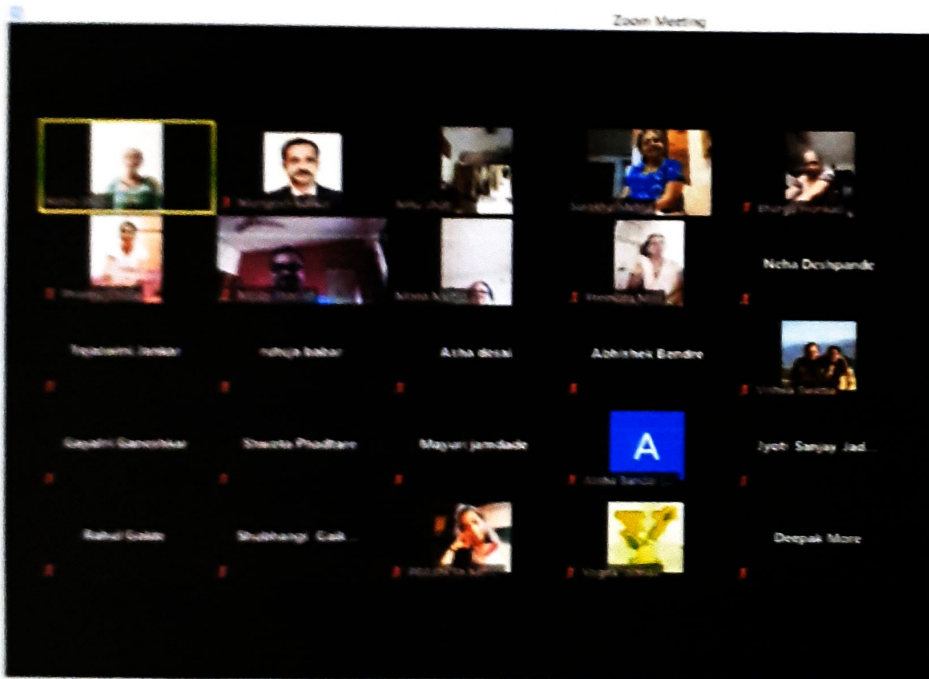


Sudarshan Kriya Techniques







Interaction with students during program

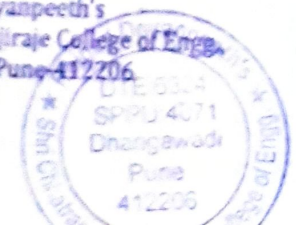


Feedback by students during program


Prof. M. B. Bankar
Coordinator


Prof. S. K. Pawar
HOD, Dept. of Mechanical Engg.
Head of Department
Dept. of Mechanical 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 CHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune (Maharashtra)

REPORT OF ONE DAY WEBINAR ON
INVESTMENT AWARENESS PROGRAM-
“INTRODUCTION TO SECURITIES MARKET”

DEPARTMENT: Mechanical Engineering & Staff & Student Welfare Cell

NAME OF GUEST/EXPERT: Mr. AMIT GUPTA
MS Finance, MMS Finance(NIT), MBA Project Mgmt.,
CCRA™, CWM®(USA), CIRA®, BE(Govt. College)
SEBI Empaneled Securities Markets Trainer,
NISM Empaneled CPE Trainer(for MFD, EqDeri., RRA)

TITLE OF SESSION: Investment Awareness Program-“Introduction to Securities Market”

DAY & DATE: Wednesday, 17th February 2021

STUDENTS & FACULTY PRESENT: 32

CORDINATOR: Prof. M. B. Bankar

Mode of Conduction: Online

Registration Link: <https://forms.gle/21RdN2zRk1v5VPKy5>

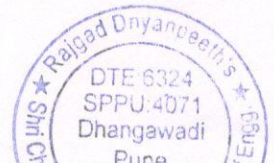
Link to Join Program:

<https://sebibcp.webex.com/sebibcp/j.php?MTID=m3b43cec65575e1e254932f7b0989b4d7>

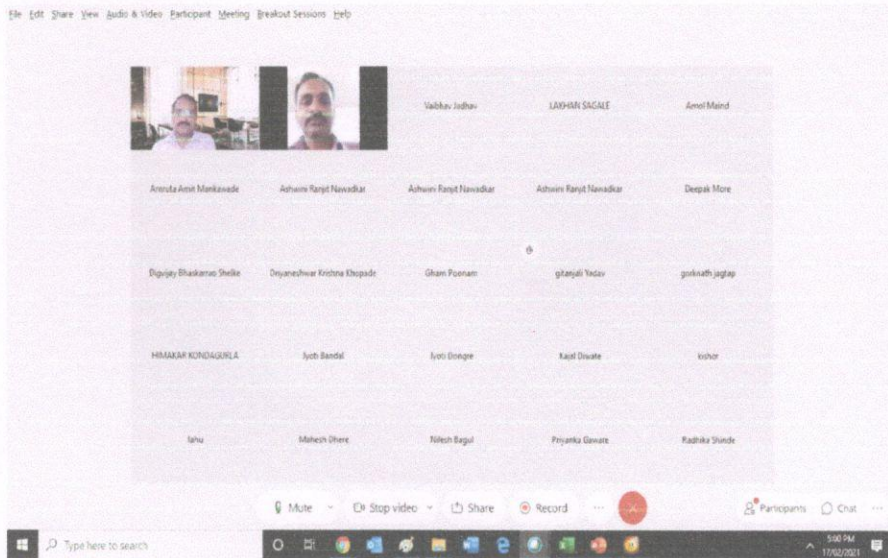
Time- 10.00am to 05.00 pm.

DISCRIPTION:

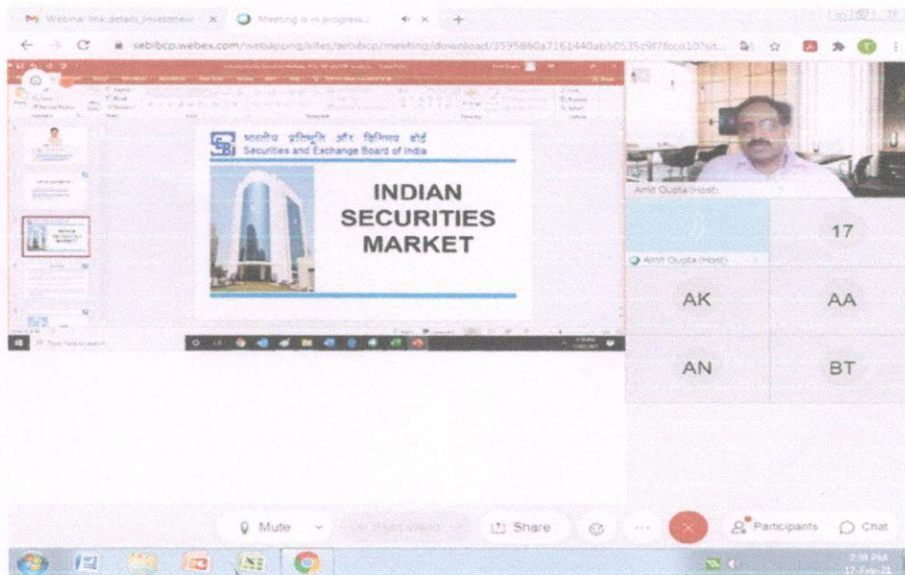
Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering in association with NSDL ((National Securities Depository Ltd.) organized a webinar on Investment Awareness Program- “Introduction to Securities Market” on 17th February 2021. The objective behind this webinar was to create awareness among students and faculty members (prospective investors), to make them financially literate and aware for equipping them to take their financial decisions in an informed manner and to do financial planning in a more structured manner so that not only their present is good but also their future is secured. The speakers for the session were Mr. Amit Gupta, MS Finance, MMS Finance(NIT), MBA Project Mgmt., CCRA™, CWM®(USA), CIRA®, BE(Govt. College), SEBI Empaneled Securities Markets Trainer, NISM Empaneled CPE Trainer(for MFD, EqDeri., RRA). Throughout the session speakers enlighten participants about Role of SEBI in investor protection, Operational procedure for investing in stock market, Nitty-gritty of NSDL working and Certain Do's and Don'ts for investment decision making. The webinar was attended by under-graduate students of Engineering stream and faculty members. After the talk of speaker's students asked their queries related to securities market in terms of investment, tax



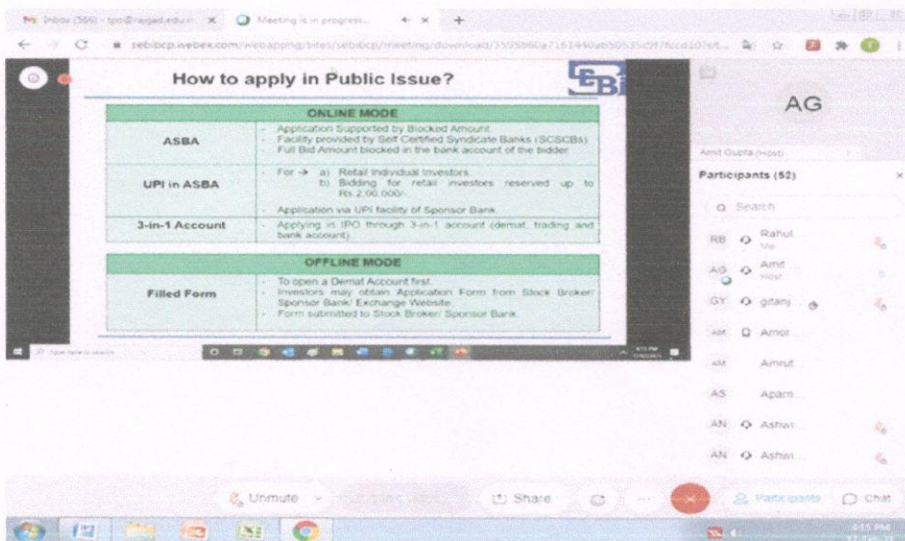
PHOTO'S DURING SESSION:



Welcome of speaker Mr. Amit Gupta



Presentation by Mr. Amit Gupta



Mr. Amit Gupta explaining Investment Strategies





REPORT OF ONE DAY WEBINAR ON
NEW EMERGING TECHNOLOGIES IN ENERGY CONSERVATION

DEPARTMENT: Mechanical Engineering

NAME OF GUEST/EXPERT: Mr. Sudhir Shah

FROM: Petroleum Conservation Research Association, Ministry of Petroleum, Govt. of India.

TITLE OF SESSION: New Emerging Technologies in Energy Conservation

DAY & DATE: Tuesday, 18th May 2021

STUDENTS & FACULTY PRESENT: 166

CORDINATOR: Prof. M. B. Bankar

Mode of Conduction: Online

Registration Link: <https://forms.gle/acthJ5LcWLzNWf4G9>

Link to Join Program: <https://meet.google.com/qyb-xzop-iyz>

OBJECTIVE: To make awareness among the students & faculty about the Energy Conservation

DISCRIPTION:

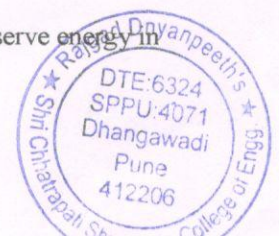
Department of Mechanical Engineering organized a Webinar on “New Emerging Technologies in Energy Conservation” on 18th May 2021 through virtual Google Meet platform. The webinar commenced with a welcome note to the expert speaker Mr. Sudhir Shah. The webinar was attended by 166 participants.

Mr. Sudhir Shah have completed his graduation in Chemical Engineer from Gujarat University 5 years experience in pharmaceutical company, 10 years experience in HVAC industry, 10 years experience in Energy Conservation, Currently working with PCRA as Faculty Trainer.

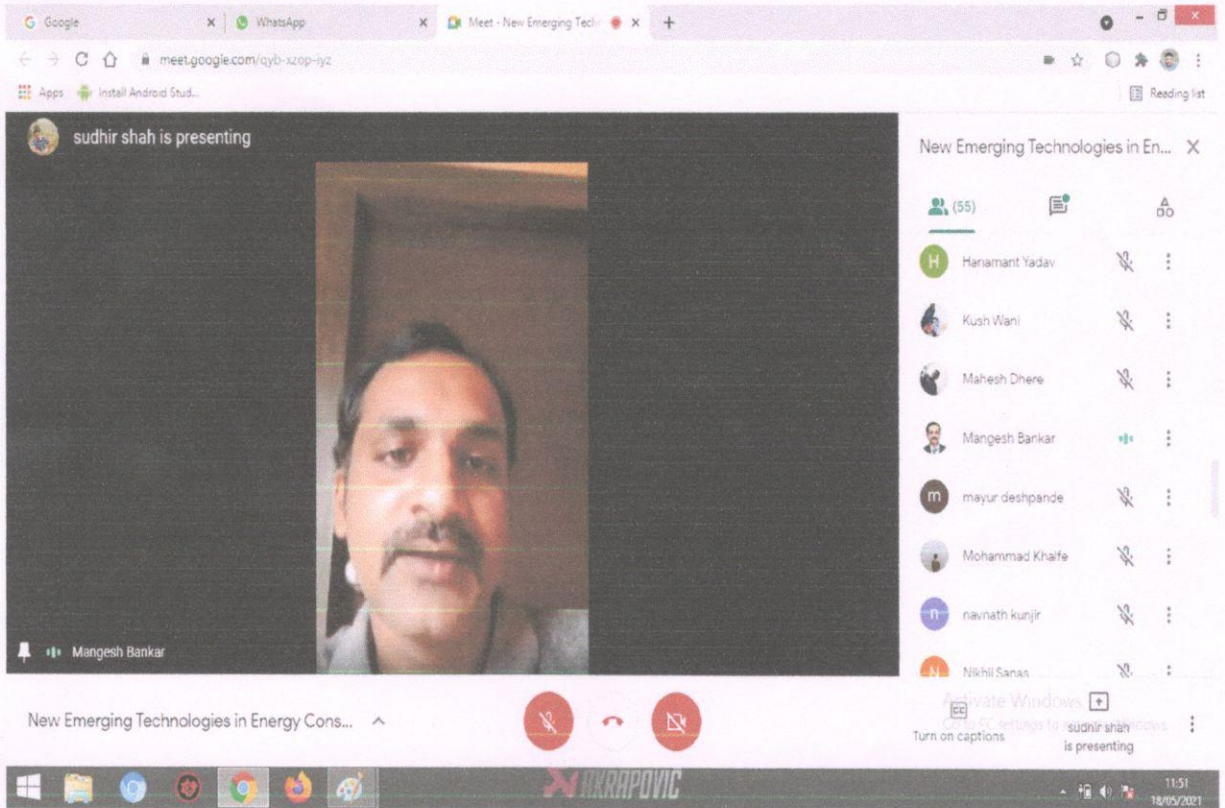
The webinar started with introduction to sustainable development goals and covered following points by Mr. Sudhir Shah:

1. Key Role of Energy
2. Energy Contradiction
3. World carbon emission
4. Global Fuel Consumption Scenario
5. India Energy Scenario
6. Installation of various renewable energy equipment's in India
7. Solar energy and different ways to harness it
8. Future energy system – Hydrogen Fuel
9. Ways to harness Hydrogen energy and its difficulties
10. Use of Methanol burner for cooking stoves

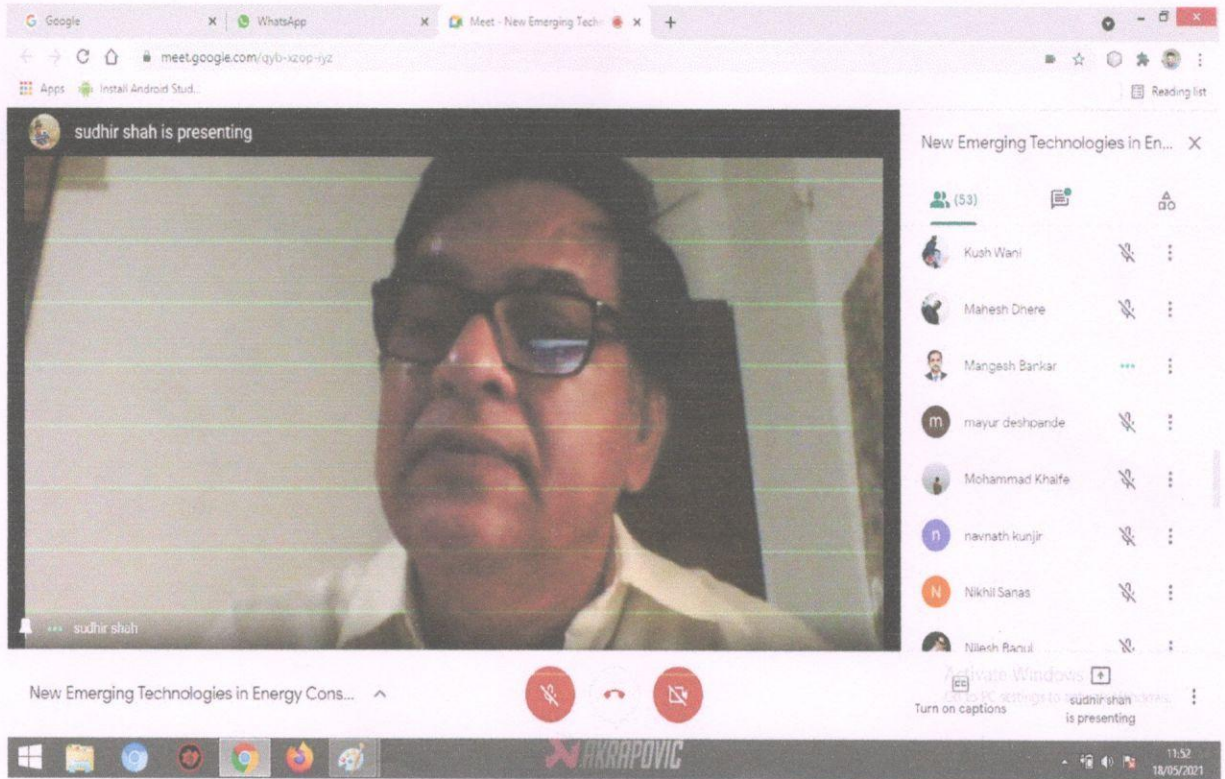
Mr. Sudhir Shah explained one of his case studies in which he represented how to conserve energy in



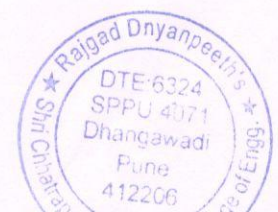
PHOTO'S DURING SESSION:

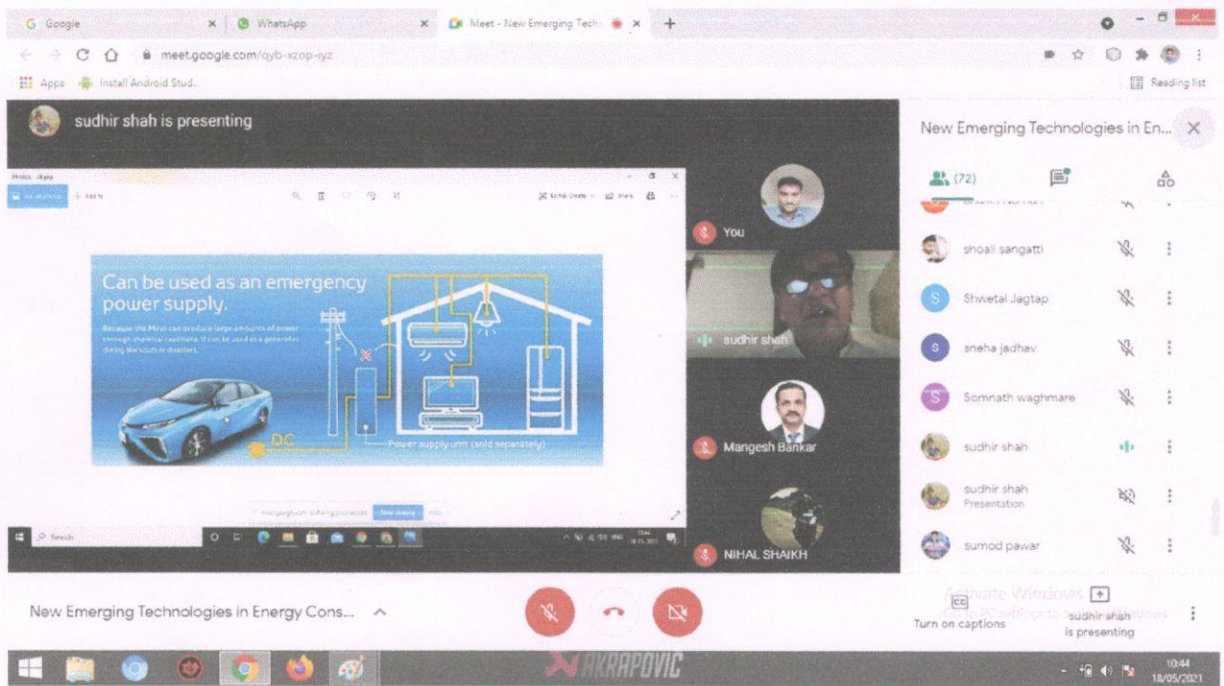


Welcome of Guest

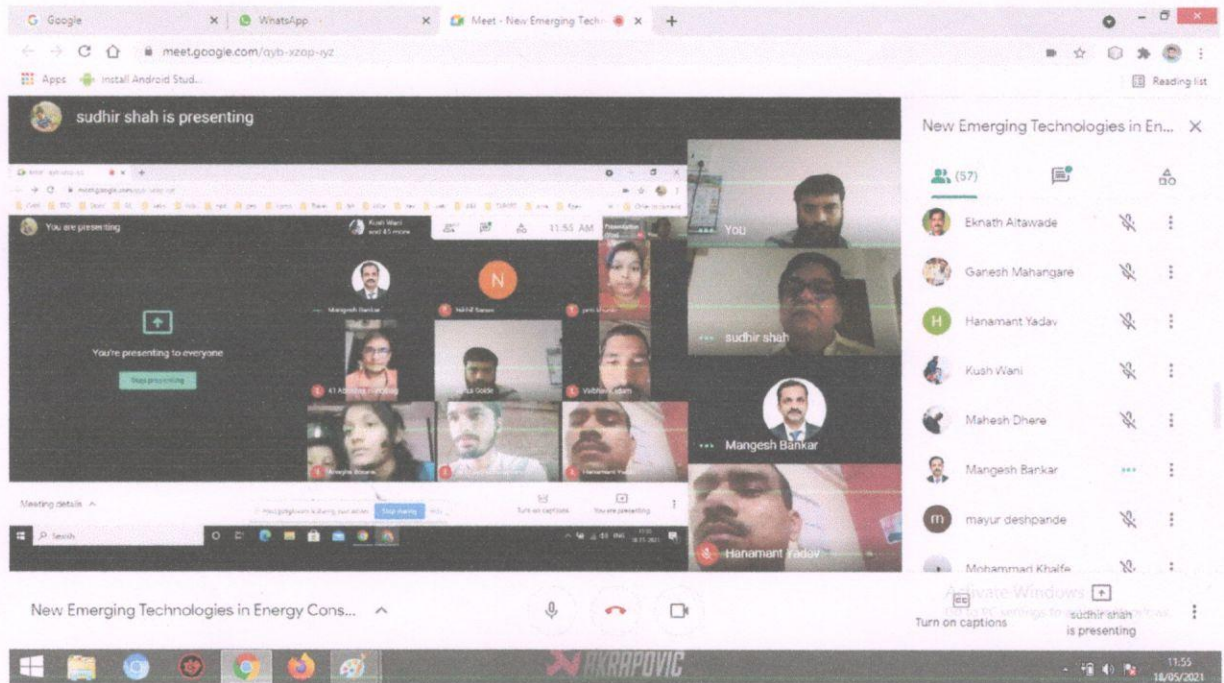


Introductory Session by Mr. Sudhir Shah





Presentation by Mr. Sudhir Shah



Participants of Program

[Signature]
 Prof. M. B. Bankar
 Coordinator

[Signature]
 Prof. S. K. Pawar
 HOD, Dept. of Mechanical Engg.
 Head of Department
 Dept. of Mechanical Engineering
 Shri Chh. Shivajiraje College of Engg.
 Dhangawadi, Pune-412206

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



**A Report of Two Days Webinar On
“GATE AWARENESS PROGRAM”**

By

**Training & Placement Cell
& Staff and Student Welfare Cell
RD's SCSCOE, Dhangawadi, Bhor.**

**In Association With
Imperial Institute of Excellence (I2E), Pune**

NAME OF GUEST/EXPERT: Mr.Paresh Gugale,

Founder, Director - Imperial Institute of Excellence(I2E)

DAY & DATE: Monday & Tuesday, 8th & 9th Feb. 2021

DURATION OF SESSION: 02 Days.

CLASS: SE,TE & BE (All Branch)

NO. OF PARTICIPANTS: 92

PLATFORM: Google Meet

(Registration Link: <https://surveyheart.com/form/5ebe588d90a2bc0933fe43cb#welcome>)

(Google Meet Link: <https://meet.google.com/pir-yymi-gnn>)

CORDINATOR: Prof. M. B. Bankar

OBJECTIVE:

- To aware about GATE Direct & Indirect Benefits
- Placements Opportunity through GATE
- How GATE Exam can become a Success in Covid -19 Situation.

SCHEDULE:

Day 1 (8th Feb. 2021)

1. GATE Direct & Indirect Benefits
2. Placements Opportunity through GATE
3. Examination pattern
4. Scholarship



Day 2 (9th Feb. 2021)

1. Key Rules of Examination, Syllabus
2. Strategies to get Good All India Rank in GATE Exam
3. How GATE Exam can become a Success in Covid -19 Situation

DISCRIPTION:

On 8th & 9th February 2021, the students of Second, Third & Final year, RD's Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, attended GATE Awareness session conducted through Google Meet platform by Mr. Paresh Gugale, Founder, Director - Imperial Institute of Excellence (I2E) Pune. He has completed his MTech & MBA from NITIE, Mumbai. It was organized with a prime objective to make the students more informative on GATE exam and the linked benefits.

On 8th February 2021, the session started with an introductory welcome to the resource persons who later on took over the session to introduce the students to the Graduate Aptitude Test in Engineering (GATE). It is an examination that primarily tests the comprehensive understanding of various undergraduate subjects in engineering and science and as such the resource persons shared bulk information on the nature of exam; exam pattern and the important dates. He also explained GATE Direct & Indirect Benefits that students can seek on a good GATE score were also highlighted in his first session.

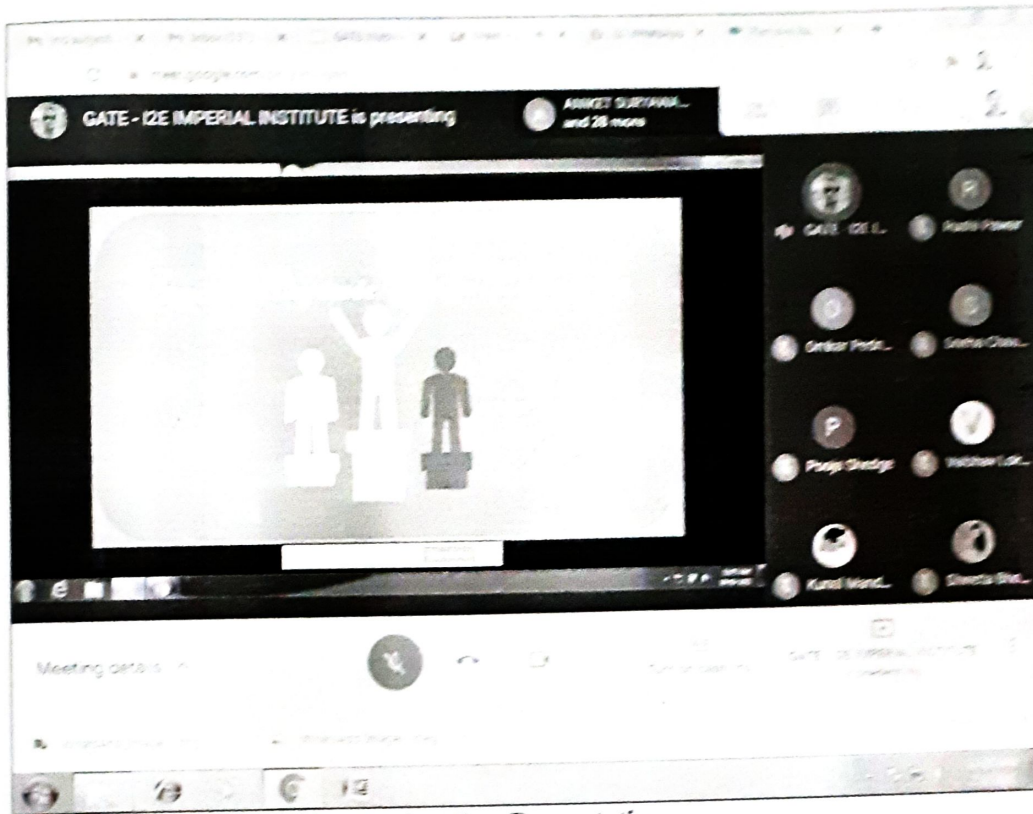
On 9th February 2021, The webinar is continued by Mr. Paresh Gugale. He has given information of Placement in National and International private or public companies such as IOCL, NTPC, BHEL, PGCIL, BARC etc.; Research Fellow: ISRO, DRDO, BARC, CSIR, IITs etc. through GATE Examination seemed to have attracted the students. In the end some tips on preparation strategy; tackling the question paper and the statistics about past scores were shared by the resource persons which can be believed to have a significant importance.

The session was concluded with a motivating interaction by Prof. S. K. Pawar, Member Secretary, Staff & Student welfare cell. At the end of webinar Prof. M. B. Bankar has given vote of thanks to Speaker & all participants.

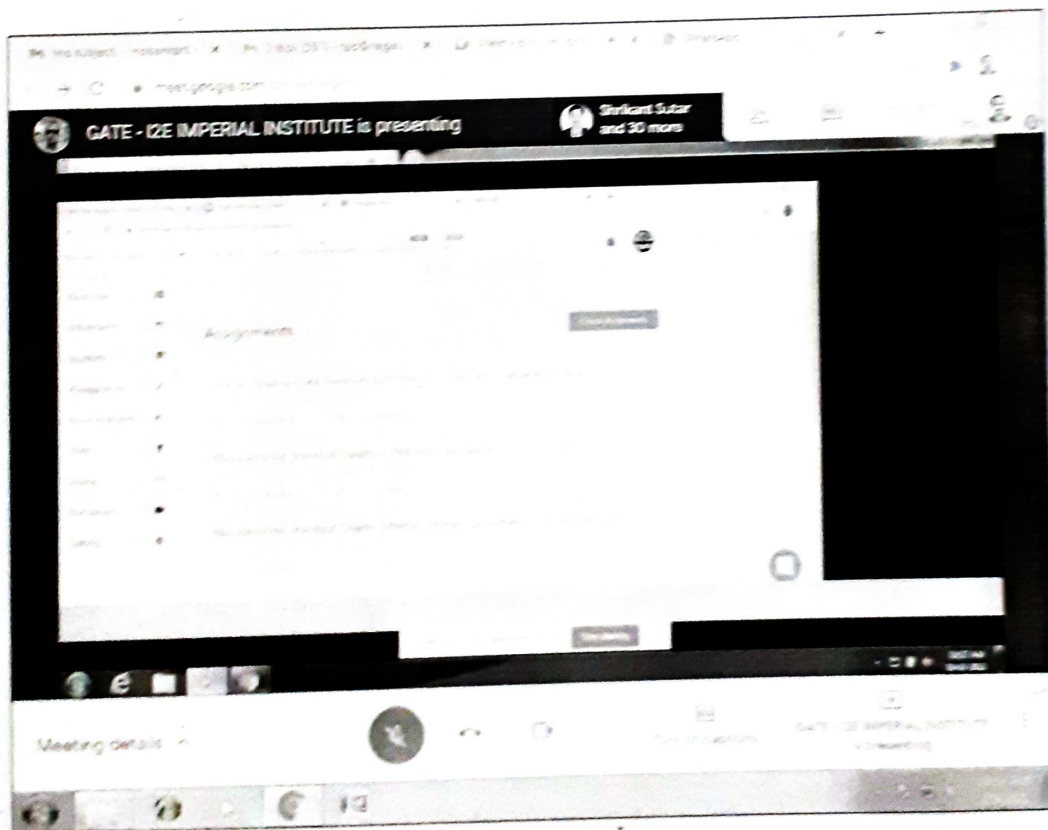
Conclusion: All participants will get idea about GATE examination, specific job posts in Public sector companies & various government services



Screenshots of Webinar:

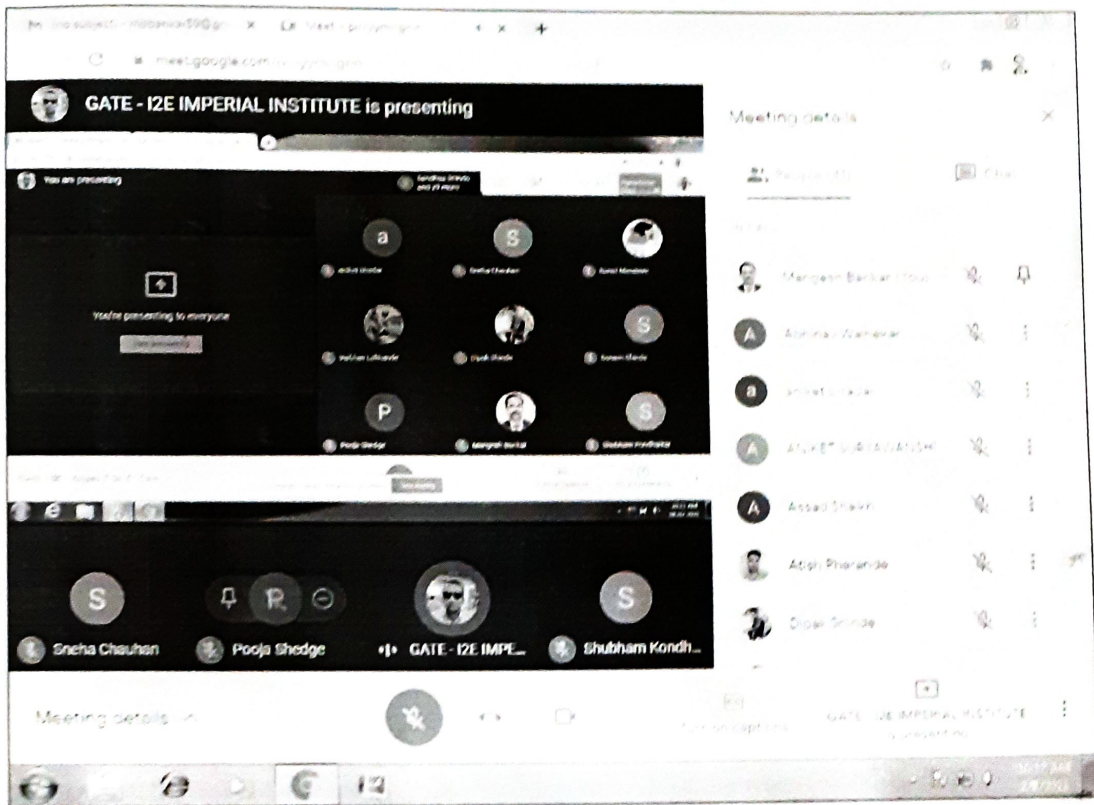


Speaker Presentation

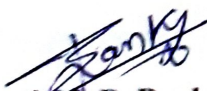



Assignment session






Q&A Session


Prof. M. B. Bankar
Member Secretary
T&P Cell


Prof. S. K. Pawar
Member Secretary
Staff and Student Welfare Cell


Prof. Dr. S. B. Patil
Principal





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

REPORT OF ONE DAY WEBINAR ON
“ENGINEER’S OPPORTUNITY IN PROCESS INDUSTRIES”

DEPARTMENT: Mechanical Engineering

NAME OF GUEST/EXPERT:

1. **MR. PRAMOD DESHMUKH**
Head Learning & Development
Co-ordinator, Process Design, Engg. AAPT, Pune

2. **MR. S. P. SINGH**
Associate Vice President,
Praj Industries Limited, Pune

TITLE OF SESSION: “Engineer’s Opportunity in Process Industries”

DAY & DATE: Tuesday, 12th June 2021

STUDENTS & FACULTY PRESENT: 107

CORDINATOR: Prof. M. B. Bankar

Mode of Conduction: Online

Registration Link:

<https://forms.gle/hNkB6JqFYJWZLsE88>

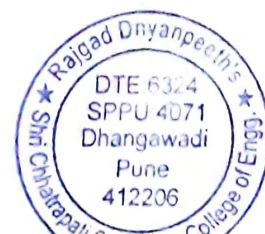
Link to Join Program:

<https://meet.google.com/xcc-jbxz-zgg>

DISCRIPTION:

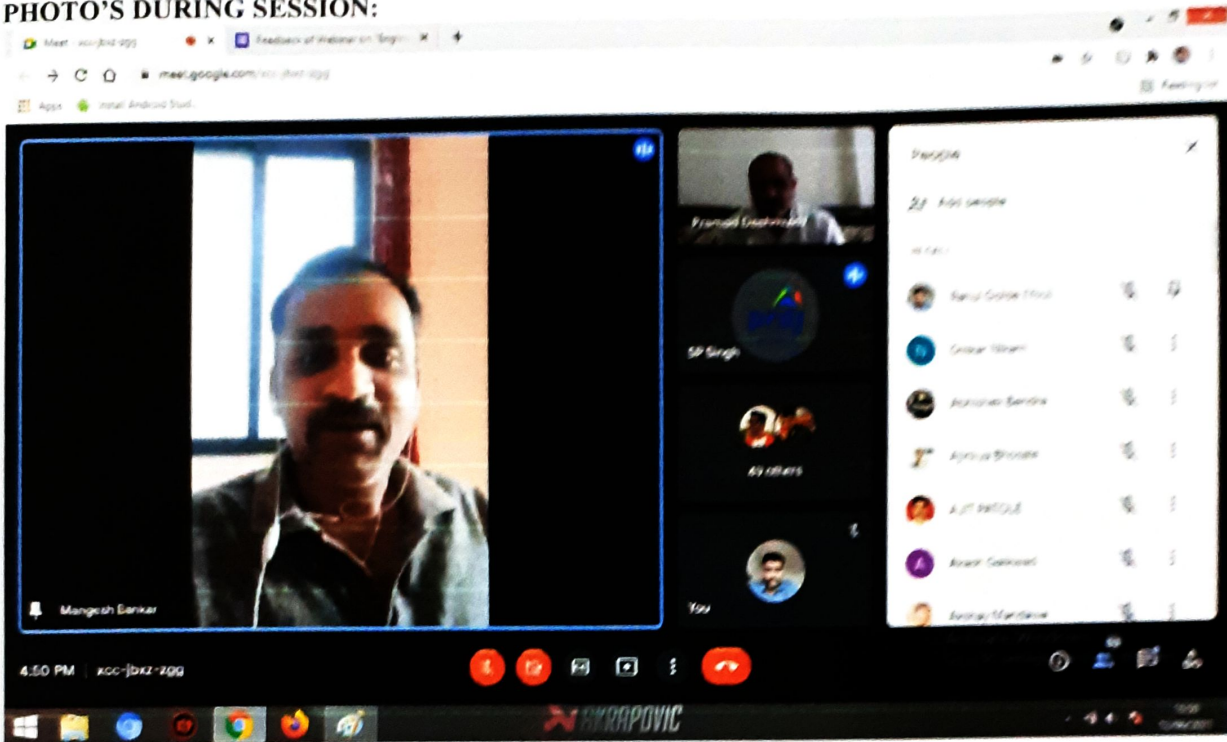
To make the careers with Engineering Consultants, Fabrication Companies, EPC Contractors, and Project Engineering Companies through Piping Design Engineering & Construction, Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering in association with Asian Academy of Professional training, Dhankawadi, Pune and Praj Industries Limited, Pune organized a webinar on “Engineer’s Opportunity in Process Industries” on Tuesday, 12th June 2021. The speakers for the session were Mr. Pramod Deshmukh, MCS, MBA- HR , Diploma In Industrial Safety, 25+ years of cross industry experience in Selection and Recruitment for skilled/semi skilled and unskilled manpower, Training and Development in the Oil & Gas, Chemical Plant, Process Plant, Fertilizer, Pharmacy Plant, Agri Process Plant etc. and Mr. S. P. Singh, Associate Vice President, Praj Industries Ltd., Pune., Gold medalist, B. Tech, IIT Kanpoor, 35+years experience in Process Industries on various post in EPC.

Mr. Pramod Deshmukh has explained that Petroleum & Petrochemical Engineering and has more than three decades of experience in the engineering, academics and training domains. And for the career empowerment courses like Piping Design Engineering & Construction, Boiler & Plant

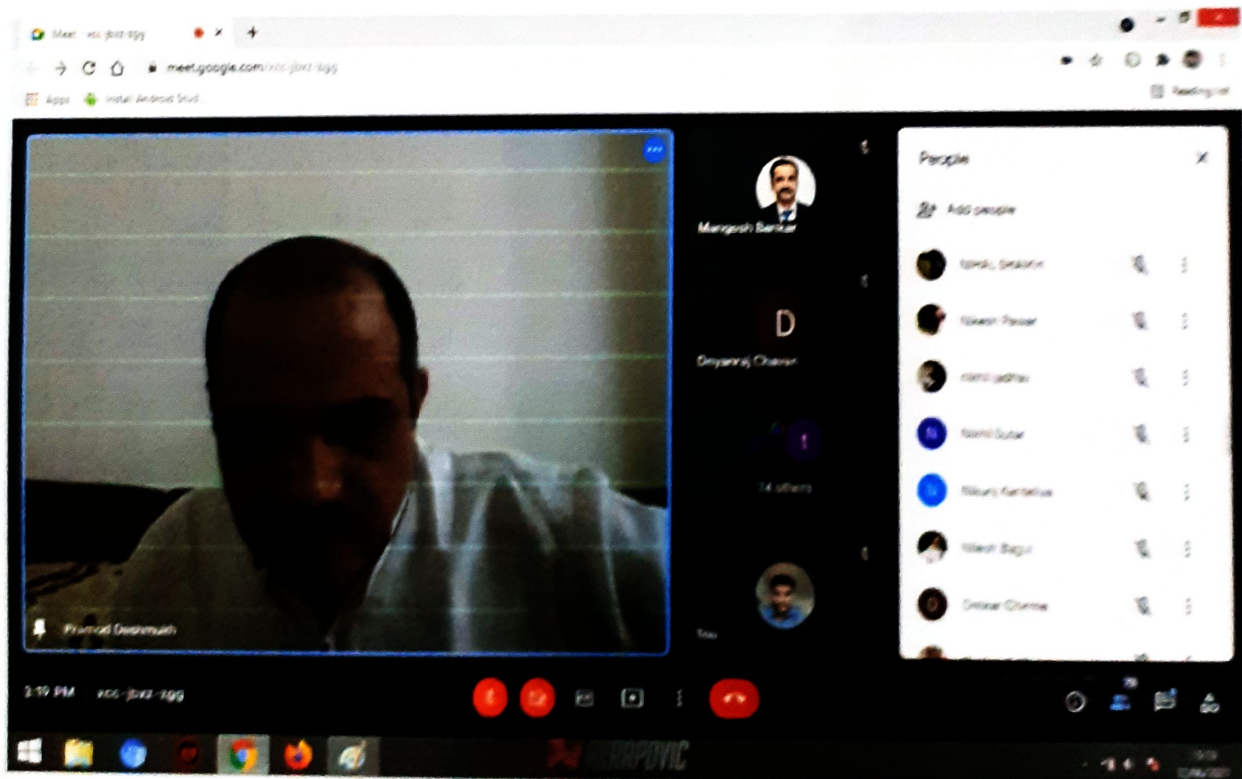


Fabrication Companies, EPC Contractors, and Project Engineering Companies. Mr. S. P. Singh given idea about process industry work and career in process industry, also he explained current scenario of opportunities in chemical plants. The webinar was attended by 107 under-graduate students of Mechanical Engineering stream. After the talk of speaker's students asked their queries related to Process Industries job, future, scope, etc. which were resolved by all the speakers. The webinar was ended by the vote of thanks proposed by Prof. M. B. Bankar.

PHOTO'S DURING SESSION:

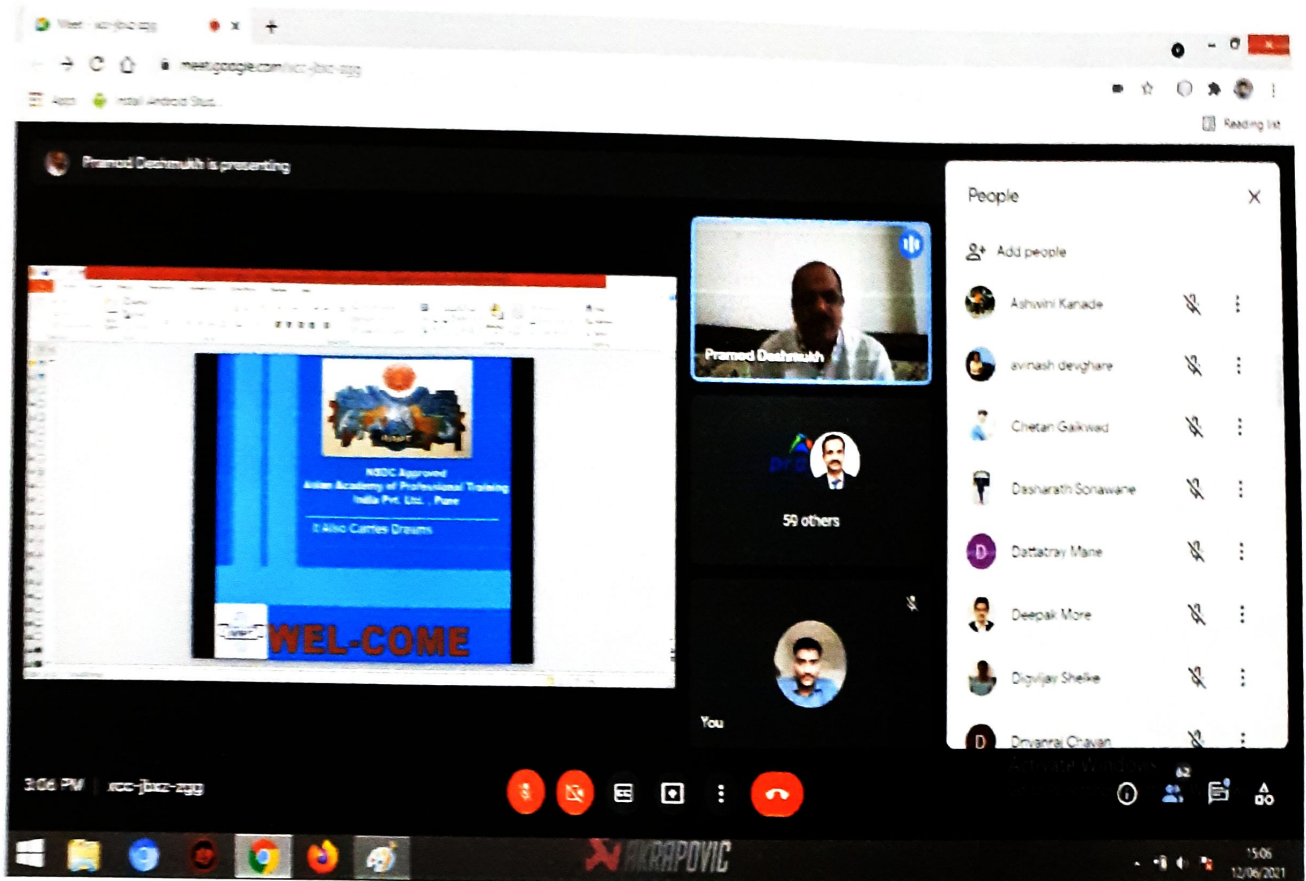


Welcome of Guest

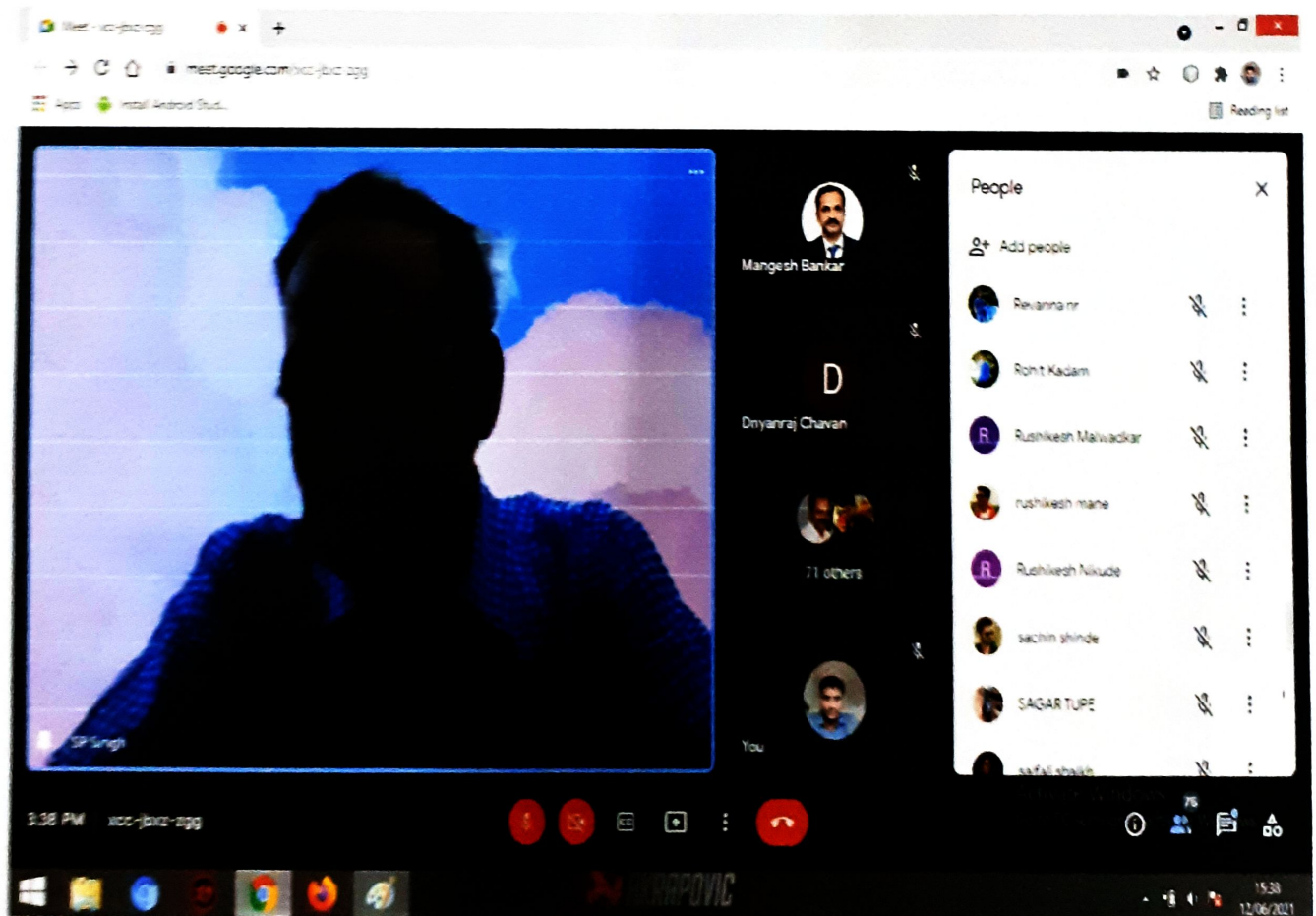


Introductory Session by Mr. Pramod Deshmukh

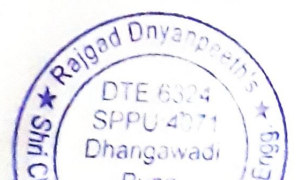




Presentation by Mr. Pramod Deshmukh



Session by Mr. S. P. Singh





DEPARTMENT OF MECHANICAL ENGINEERING

Report on "Applications of CAD Software's in Industries"

Date: 15/02/2021

1. **Program type:** FDP & SDP
2. **Event Name:** Applications of CAD Software's in Industries
3. **Attendees:** All SE, TE, BE & Diploma Students and Engineering and diploma Mechanical department staff.
4. **Name and Designation of Resource Person :**
 - i. Mr.Kaustubh Panse, Director CADD center, Business coach and Motivational Speaker
 - ii. Mr.Ajinkya Gaikwad, Senior Corporate Trainer
 - iii. Mr. Rahul Patankar, Technical Lead
 - iv. Mr. Alok Sasane, Operational Head CADD Centre
 - v. Mr. Dnyaneshwar Dhanak, Operational Head CADD Centre
5. **Company / Institute of Resource Person:** CADD Centre Pune.
6. **Event coordinator:**
 - i. Prof. D. A. More
 - ii. Prof. R. M. Golde
 - iii. Prof. C. S. Gaikwad
7. **Date of Execution:** 10/02/2021 to 13/02/2021
8. **Time:** Day 1- 9.30 am to 5.30 pm
Day 2- 9.30 am to 5.30 pm
Day 3- 9.30 am to 5.30 pm
Day 4- 9.30 am to 5.30 pm





Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

9. Duration of Event: 04 days

10. Venue of event / Link: <https://forms.gle/KDCafvQJLBL04qyf8>

Google Meet

Day 1:- <https://meet.google.com/sqi-qpua-jxn>

Day 2:- <https://meet.google.com/tjc-osuw-qvy>

Day 3:- <https://meet.google.com/itj-nomx-jqe>

Day 4:- <https://meet.google.com/eyu-qcrf-cwm> and
<https://meet.google.com/nod-yyhw-oma>

11. Number of Participants: 98

12. Fee details: Free

13. Objectives: The main objective of the program was to guide faculties and students about how to use different CAD & CAE software's and how they are important as per career point of view.

14. Outcomes: Students and staff got aware about different CAD & CAE software's and their industrial applications.

15. Description (program conduction details) / speaker topic explanation:

Mechanical Department of Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune in association with CADD Centre, Pune has conducted one week FDP & SDP on "Applications of CAD Software's in Industries" from 10/02/2021 to 13/02/2021 for faculties and students of Mechanical Engineering to give information about different CAD and CAE software's used in the industry.

The mechanical design engineers have to learn different software's, because not every company uses same software for CAD and CAE.

Like if someone works for Godrej, they used to have AutoCAD and SOLIDWORKS for designing purposes, now all they use is CREO PTC.





There are many software's that can be helpful to find jobs for mechanical design engineers. So the information about those software's is given in this FDP & SDP.

- AutoCAD - this is a basic and must learn software, AutoCAD draughtsman jobs are plenty in market.
- SOLIDWORKS - The best 3D modeling software, very useful and dynamic. Jobs opportunities are very high.
- CATIA - Most complex software, useful where there needs to be precise surface finishing such as in aerospace engineering or creating aerodynamic / aerofoil structures
- SOLID EDGE - Used in Medium scale industries, bio medical tools manufacturing, Lifts manufacturing industries. This software is a product of Seimens and works very efficiently.
- Inventor / Fusion 360 - These software's are generally used at institutional level. The inventor Professors are paid high salary at institutes. The Fusion 360 helps you learn CAD, CAM and CAE at one place.
- Seimens NX - Formerly known as NXCAD or UGNX, Great product of Seimens used at medium scale or small scale industries.
- CREO - Highly Agile, assembly properties and Analysis is very advance. This is all in one package for modeling. CREO is difficult to learn but once you learn it; you will find ease in learning other software's. Very high in demand nowadays.
- ANSYS - The various modules that ANSYS covers are,
ANSYS Mechanical: Whatever be the structural problem at hand, be it linear, non linear or dynamic ANSYS provides the FEA package to do so.
ANSYS Fluent, CFD, CFX: For all computational fluid mechanics problems, ANSYS provides this virtual environment to do so.

Also the SDP and FDP guided the participants about the Internship. So that the training institute or company will teach them all the basics for Designing and Detailing. In this way they can work independently when it comes at Industrial Job.

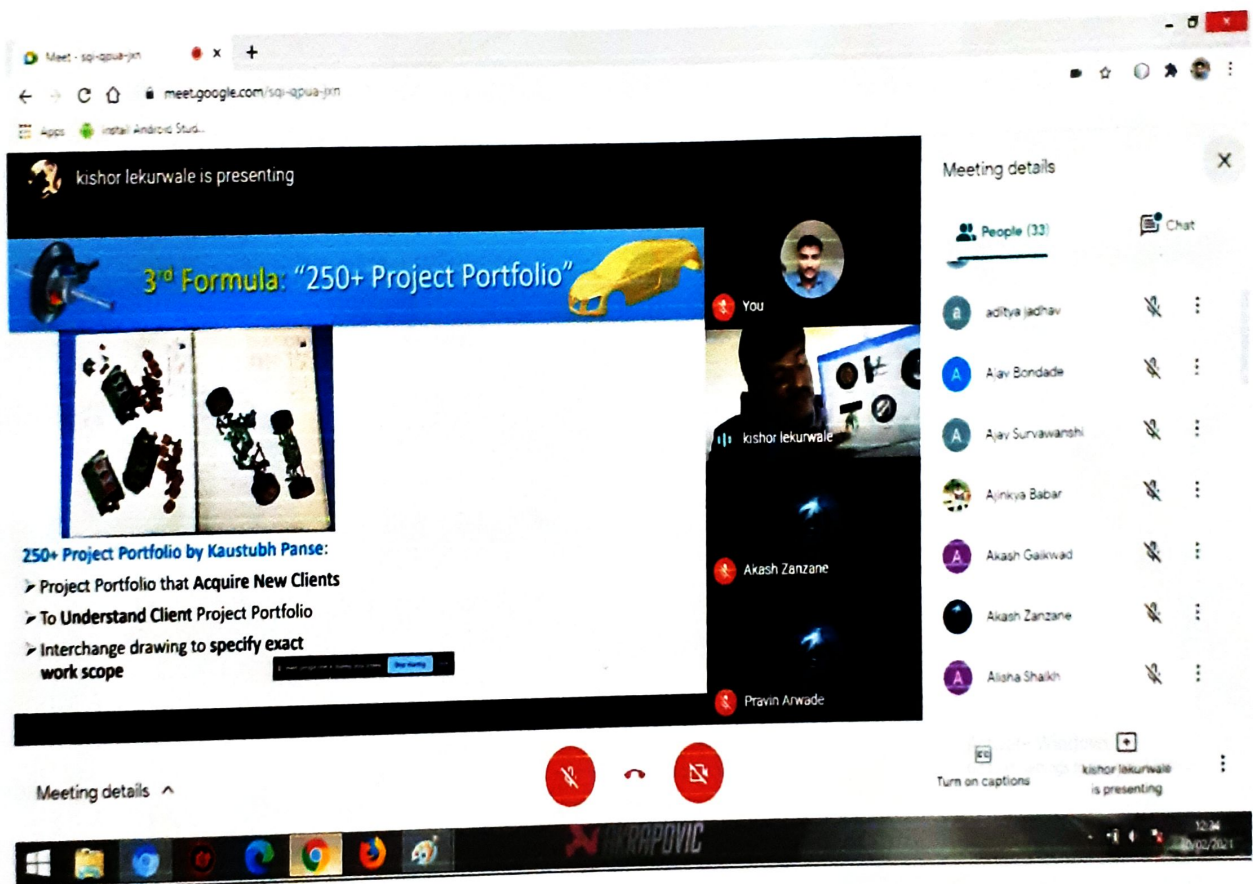




16. Conclusion:

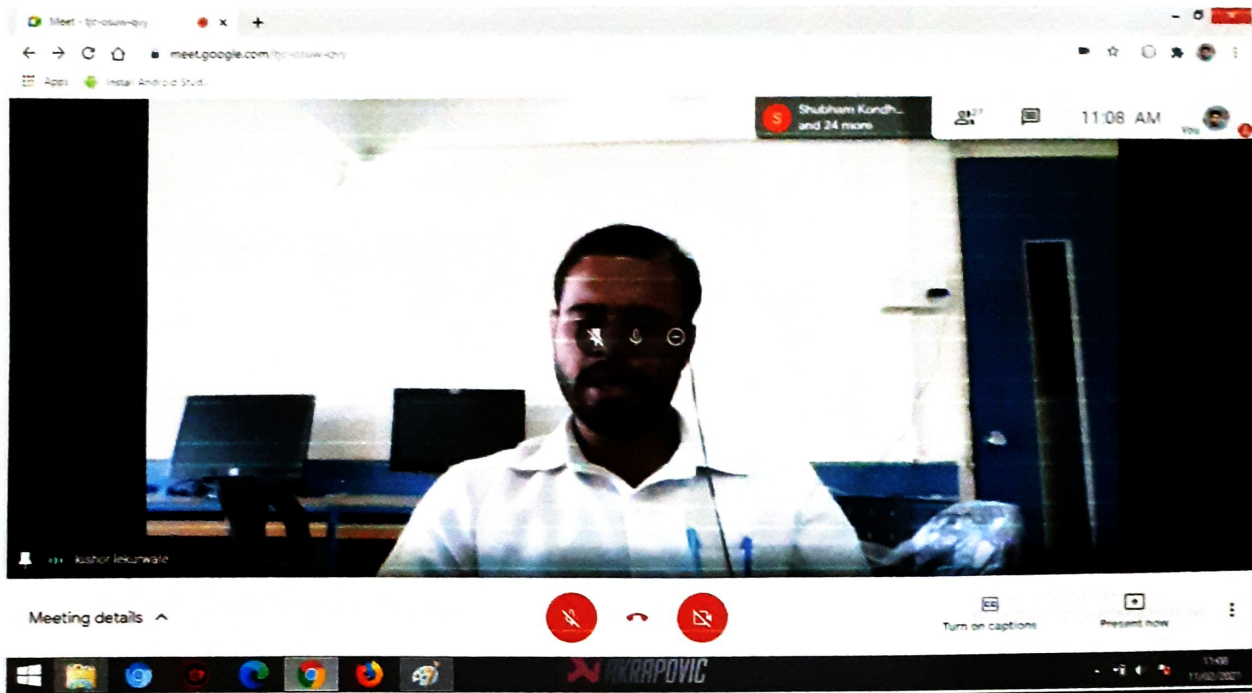
The FDP and SDP explained different CAD & CAE software's used in the industry and the participants got to see the demonstration of different software's also.

Photos with caption

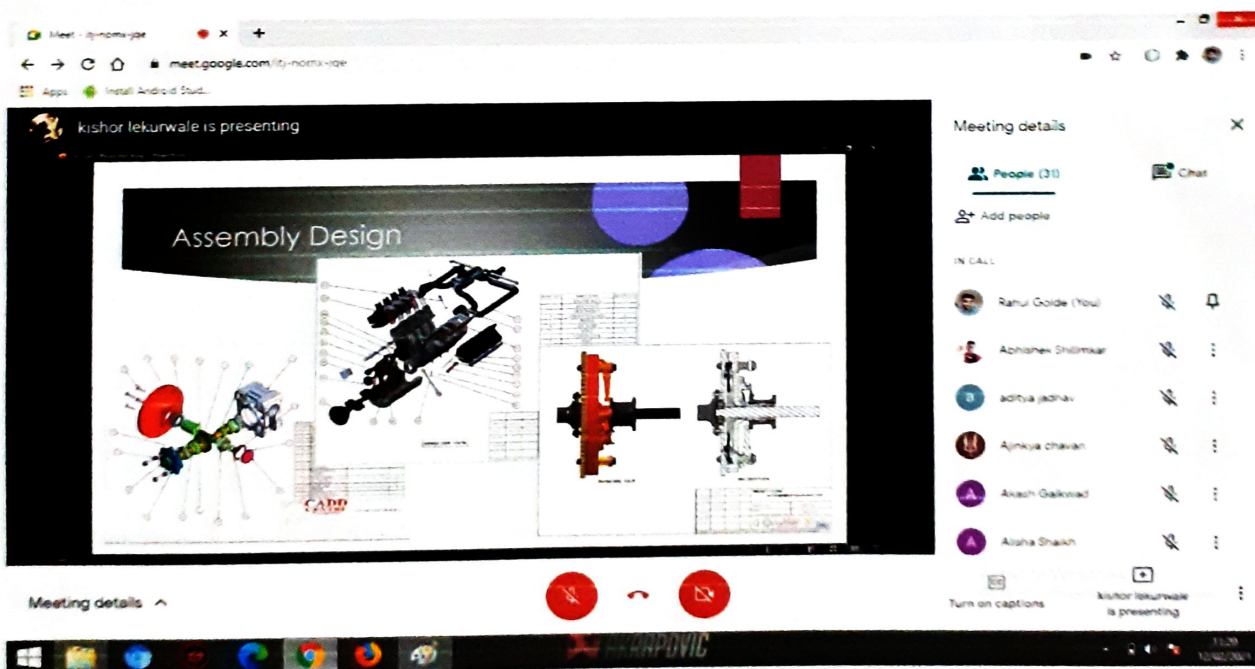


Day 1 Session on Topic "How to build your career in current state of Mechanical Industry"
By Mr.Kaustubh Panse



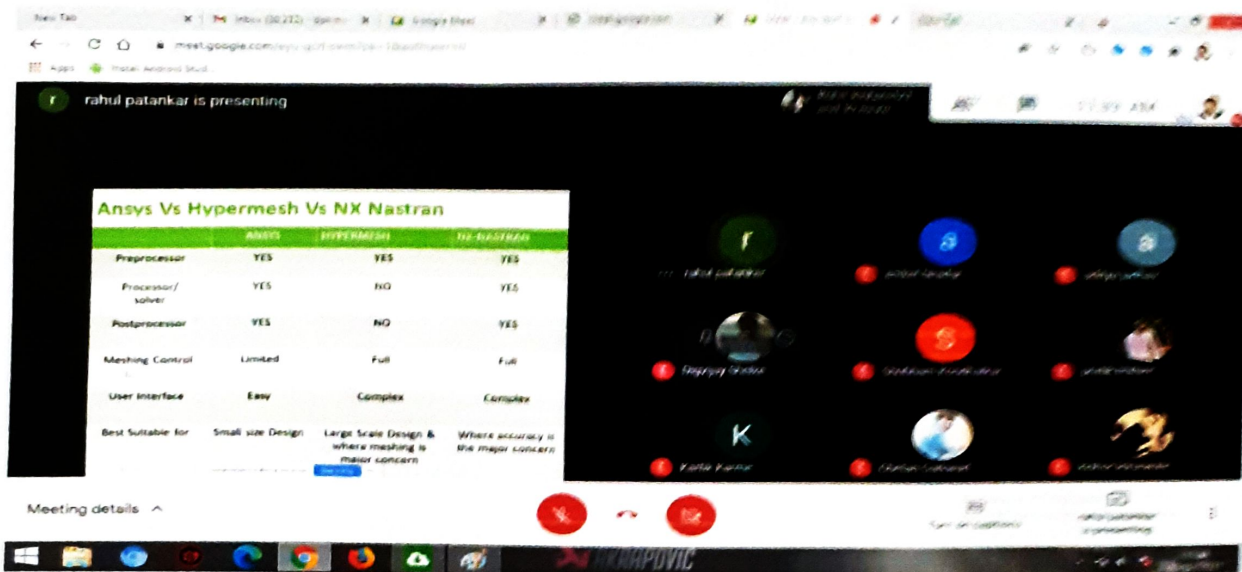


Day 2 Session on Topic "Importance & Application of AutoCAD" By Mr.Ajinkya Gaikwad

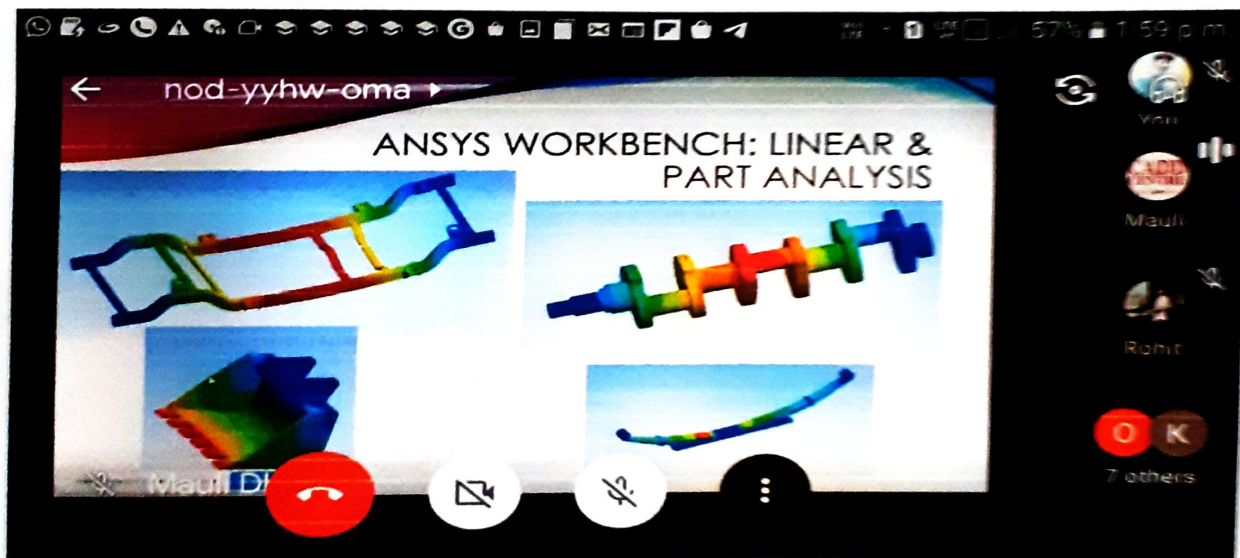


**Day 3 Session on Topic "Application and Importance of CREO (3D Modeling Software)"
By Mr. Rahul Patankar**

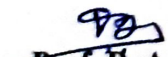






Day 4 Session 1 on Topic "Importance and application of ANSYS (Analysis Software)" By Mr. Alok Sasane



Day 4 session 2 on Topic "Career Opportunities & Guidance" By Mr. Dnyaneshwar Dhanak.


Prof. D. A. More
 Co-ordinator


Prof. S. K. Pawar
 HOD


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



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

**DEPARTMENT OF CIVIL ENGINEERING****Report on "Recent Advancement & Future Scope of Engineering"**

Date: 15/09/2020

1. **Program type:** One day Workshop
2. **Event Name:** Recent advancement & future scope of Engineering
3. **Attendees:** Faculties and students from in and outside the institute
4. **Name and Designation of Resource Person :** Dr. Anand Tapase,
Assistant Professor at the Department of Civil Engineering
5. **Company / Institute of Resource Person:** Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil College of Engineering
6. **Event coordinator:** Prof. S. P. Salunkhe
7. **Date of Execution:** 15/09/2020, Tuesday
8. **Duration of Event:** 10.00am-4.00pm
9. **Venue of event /**

Link: <https://us04web.zoom.us/j/79658774189?pwd=V1NaRndRYTF5ZlVJUGl2RjFXTEVjdz09>

10. Number of Participants: 85

11. Fee details: Free

12. Objectives: The main objective of the program was to guide faculties and students about concept of Recent Trends & Advancement in Civil Engineering and various Topics covered are; Recent advances in Structural Engineering, Recent advances in Earthquake Engineering, Recent advances in Concrete Technology and Sustainable Construction Practices, Recent advances in Geotechnical Engineering, Application of Software.





13. Outcomes: The following are the outcomes of one day workshop on Recent Advancement & Future Scope of Engineering.

- Low Energy Materials
- Fundamentals of Structural Health Monitoring
- Fire Effects on Building Structures
- Structural capacity evaluation
- Structural strengthening techniques including external Post-tensioning
- Various Software applications

14. Description (program conduction details) / speaker topic explanation:

Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune has conducted a workshop of "Recent Advancement & Future Scope of Engineering" on 15th September 2020 for faculties and students of civil branches to give information about "Recent trend in Civil Engineering And use of modern techniques and equipments in construction". In recent years with sharp increase in rapid development of infrastructures e.g. high rise structures with more number of basements, bridges for metro projects, fly over for roadways, BRTS etc. in metro cities made us aware of optimum usage of land and compelled the engineers to apply advanced solutions in context of Analysis and Design, Application of Earthquake and wind load on the structures, ground improvement, and earth retaining structures etc. Optimized design solutions can only be possible with in-depth knowledge of various advanced techniques and use of proper judgment. The aim of the short-term course would be to familiarize the participants with the concepts of Analysis, design and construction, for variety of structures. Basics that is essential to understand in the process of providing an acceptable design.





15. Conclusion: The Workshop explained the following topics;

- Recent advances in Structural Engineering
- Recent advances in Earthquake Engineering
- Advances in Performance Monitoring and Prediction
- Advances in Strengthening Technologies
- Advances in prestressing method
- Analysis and design of structures
- Recent advances in Concrete Technology and Sustainable Construction Practices
- Application of Software
- Recent advances in Geotechnical Engineering
- Soil Improvement and Ground Modification including application of geosynthetics





16. Photos with caption:

Anand Tapase KBPCOES is presenting

TYPES OF PLASTIC PACKAGING

BY TYPE OF USE

Containers	50%
Films & bags	37%
Coatings	7.5%
Closures	5%

BY TYPE OF RESIN

LDPE	32.5%
HDPE	29.4%
PS	10.7%
PP	10.3%
PETE	9.1%
PVC	4.6%
Other	3.4%

Ref.: Report given by FHHL (Food Hygiene & Health Laboratory),
Magan Centre, Maganpatta Hulsapur

You

Anand Tapase KBPCOES

53 others

Dr. Anand Tapase guiding faculties and students

Prof. S. P. Salunkhe
 Coordinator

Prof. G. S. Jadhav
 H.O.D
Head of Department
 Dept. of Civil 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





DEPARTMENT OF CIVIL ENGINEERING

Report on “Recent Trend in Pre-Engineering Building”

Date: 24/04/2021

- 1. Program type:** Workshop
- 2. Event Name:** Recent trend in Pre-Engineering Building
- 3. Attendees:** Faculties and students from in and outside the institute
- 4. Name and Designation of Resource Person :** Mr. Sanjay B. Patil,
Managing Director
- 5. Company / Institute of Resource Person:** SSA Steel Pvt. Ltd., Pune
- 6. Event coordinator:** Prof. S. P. Salunkhe & Prof. S. S. Jadhav
- 7. Date of Execution:** 23/4/2021, Friday
- 8. Duration of Event:** 10.00am-4.00pm
- 9. Venue of event / Link:**
<https://us04web.zoom.us/j/79658774189?pwd=V1NaRndRYTF5ZlVJUGI2RjFXTEVidz09>
- 10. Number of Participants:** 71
- 11. Fee details:** Free
- 12. Objectives:** The main objective of the program was to guide faculties and students about concept of Pre-Engineering Building .Also guided about How to design and analysis PEB Building for industrial structure.
- 13. Outcomes:** It is an efficiently designed pre-engineered building can be lighter than the conventional steel buildings by up to 30%. Lighter weight equates to less steel and a potential price savings in structural framework.
- 14. Description (program conduction details) / speaker topic explanation:**
Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune has conducted a workshop of “Recent trend in Pre-





Engineering Building” on 23rd April 2021 for faculties and students of civil branches to give information about “Recent trend in Pre-Engineering Building”. Pre-engineered buildings are on the average 30% lighter because of the efficient use of steel. Secondary members are light weight roll formed “Z” or “C” shaped members. Quick and efficient design since PEB’s are mainly formed by standard sections and connections design, time is significantly reduced. The erection process is faster and much easier with very less requirement for equipment. The low weight flexible frames offer higher resistance to seismic forces

15. Conclusion: The webinar explained it can be concluded that PEB structures are more advantageous than CSB structures in terms of cost effectiveness, quality control speed in construction and simplicity in erection. PEB roof structure is almost 30% lighter than conventional steel building.

16. Photos with caption

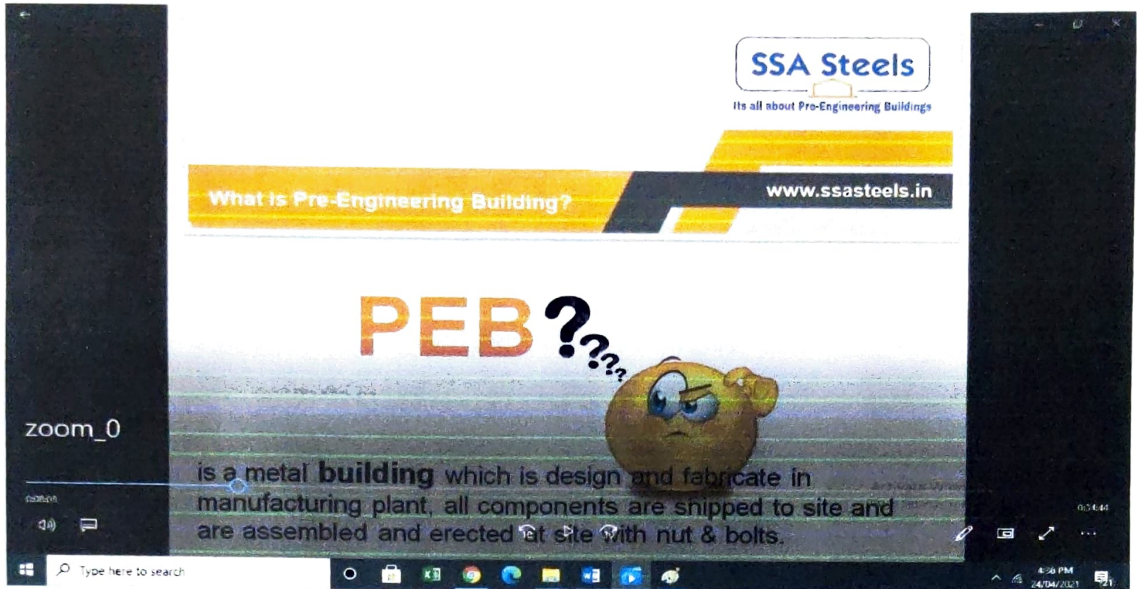


Introduction of Prof. Dr. B. K. Sarkar

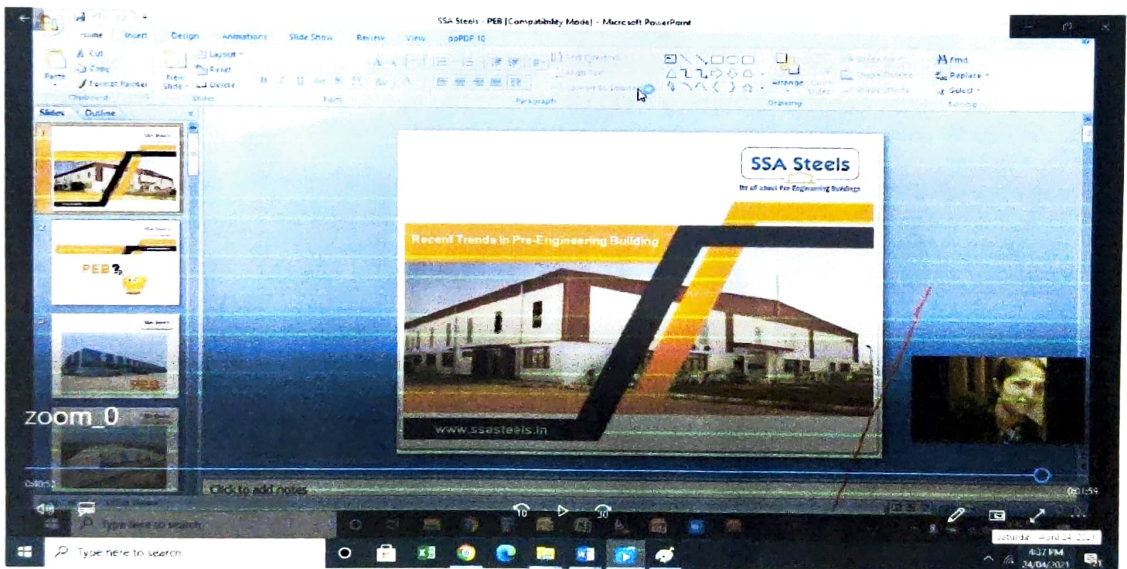




Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (MH)



Mr. S. B. Patil guiding faculties and students



Question and answers session

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

Coordinator

Prof. G. S. Jadhav

H.O.D

Prof. Dr. S. B. Patil

Principal

Rajgad Dnyanpeeth's

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

Shri Chhatrapati Shivajiraje College of Engg.,
Dhangawadi, Pune-412206



**DEPARTMENT OF CIVIL ENGINEERING****Report on “How to Make Yourself Employable”**

Date: 08/05/2021

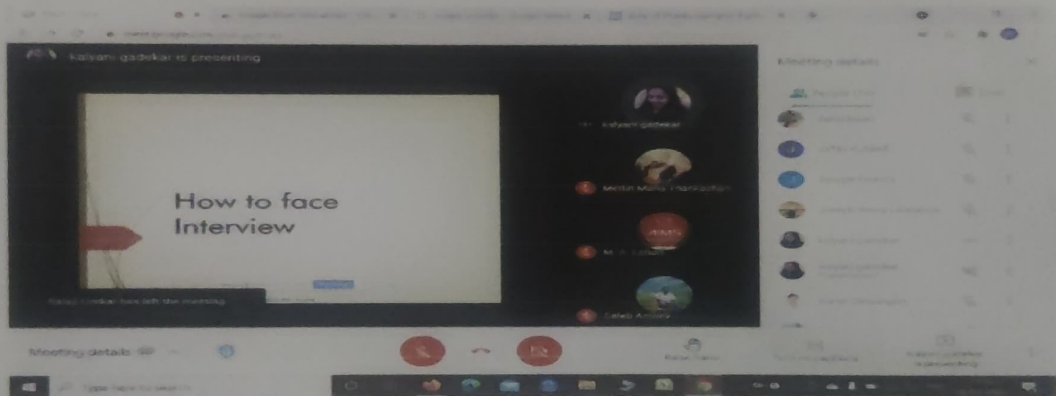
1. **Program type: Workshop**
2. **Event Name:** How To Make Yourself Employable
3. **Attendees:** Faculties and students from in and outside the institute
4. **Name and Designation of Resource Person :** Ms.Kalyani Gadekar
5. **Company / Institute of Resource Person: Automation Tester
Barclays Pune**
6. **Event coordinator:** Prof. A.A.Avhad, Prof . S.K.Bhosale &
Prof. S.R.Sutar
7. **Date of Execution:**08/05/2021
8. **Duration of Event:**11.00AM -12.00PM
9. **Venue of event / Link:** <https://meet.google.com/zwa-guxr-arz>
10. **Number of Participants:**110
11. **Fee details:** Free
12. **Objectives:**The main objective of the program was to guide students about concept of Communication Skills .
13. **Outcomes:**It is an efficiently designed workshop to enable students regarding Employable skills such as Communication Skills, Resume Writing , How to face interview ,Motivation and initiative , Body Language etc.
14. **Description (program conduction details) / speaker topic explanation:**



RajgadDnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune has conducted a workshop of "How to Make Yourself Employable" on 8th May 2021 for faculties and students to give information about "How to Make Yourself Employable".

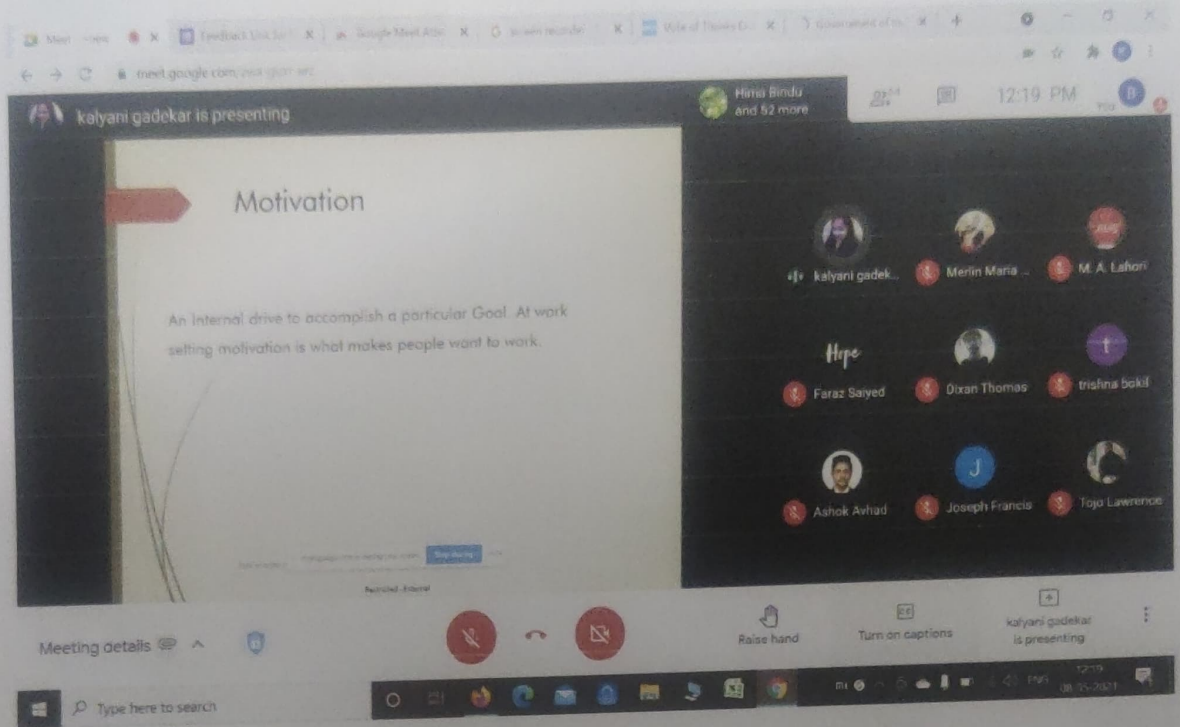
Conclusion: The workshop explained it can be concluded that students are benefitted with the heavy knowledge of How to make Themselves employable.

15.Photos with caption





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



Ms. Kalyani Gadekar guiding faculties and students

A.A. Avhad *S.K. Bhosale* *S.R. Sutar*
Prof. A.A. Avhad & Prof. S. K. Bhosale
Prof. S.R. Sutar
Coordinator

G. S. Jadhav
Prof. G. S. Jadhav
H.O.D

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

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





RajgadDnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

DEPARTMENT OF CIVIL ENGINEERING

Report on One Day Workshop of "Importance of Professionalism in Day to Day Life"

Date: 28/05/2021

1. **Program type: Workshop**
2. **Event Name: Importance of Professionalism in Day to Day Life**
3. **Attendees:** Faculties and students from in and outside the institute
4. **Name and Designation of Resource Person : Mr. Sanjay Patil**
5. **Company / Institute of Resource Person: Managing Director, SSA steel, Pune**
6. **Event coordinator:** Prof. S. R. Sutar & Prof. S. K. Bhosale
7. **Date of Execution:** 28/05/2021
8. **Duration of Event:** 10.00 PM - 4.00 PM
9. **Venue of event / Link:** <https://meet.google.com/xwc-rvzr-bry>
10. **Number of Participants:** 23
11. **Fee details:** Free
12. **Objectives:** To create awareness among non teaching Faculty regarding importance of professionalism & work Ethics. .
13. **Outcomes:** Objective of workshop was successfully achieved. Guest speaker share importance of professional & work ethics while working not only in professional field but also in day to day life.
14. **Description (program conduction details) / speaker topic explanation:**
On behalf of Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune department of civil engineering has conducted a workshop on "Importance of Professionalism in Day to Day Life" on 28th May 2021 for non teaching & supporting staff of institute to give guidance that, 'how to

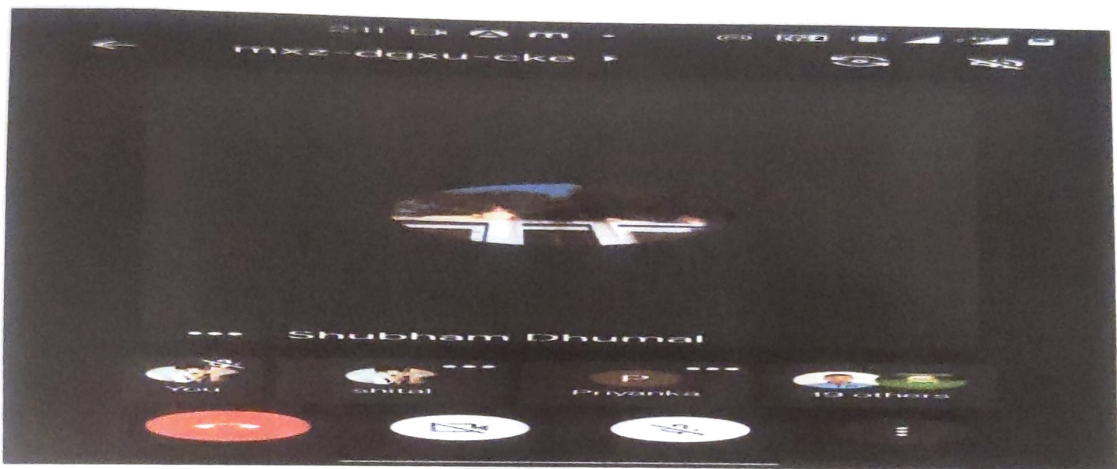




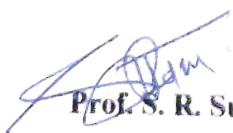
maintain professionalism & work ethics in professional & day to day life as well.

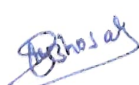
Conclusion: Non teaching & supporting staff get benefitted by this workshop. They come to know very well the importance of professionalism & work ethics in professional & day to day life too.

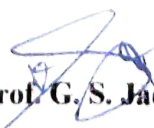
15. Photos with caption




Communication of Expert with Participant


 Prof. S. R. Sutar


 Prof. S. K. Bhosale
 Coordinator


 Prof. G. S. Jadhav
 H.O.D

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


 Prof. Dr. S. B. Patil
 Principal

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





Rajgad Dnyanpeeth's
**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF
ENGINEERING**

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

Expert Lecture On
**“Design of L & T-Shape
Retaining Wall”**

(13th October 2020)

Organized By

Department of Civil Engineering

**Savitribai Phule Pune
University Pune, India**



DEPARTMENT OF CIVIL ENGINEERING

Report on “Design of L & T-Shape Retaining wall”

Date: 14/09/2020

1. **Program type:** Expert Lecture
2. **Event Name:** Design of L & T-Shape Retaining wall
3. **Attendees:** B.E Civil students
4. **Name and Designation of Resource Person :** Prof. Supriya B. Shinde,
5. **Company / Institute of Resource Person:** Anantrao Pawar College of Engineering & Research , Pune
6. **Event coordinator:** Prof. S. P. Salunkhe
7. **Date of Execution:**13/9/2020, Wednesday
8. **Duration of Event:** 5.00pm-6.00pm
9. **Venue of event / Link:**
<https://us04web.zoom.us/j/79658774189?pwd=V1NaRndRYTF5ZlVJUGl2RiFXTEVjdz09>
10. **Number of Participants:** 46
11. **Fee details:** Free
12. **Objectives:** The main objective of retaining walls are to help prevent soil erosion, create usable beds out of steep terrain and to provide decorative or functional landscaping features. They may be independent structures, or may be part of a wider construction works, such as a building.
13. **Outcomes:** Students will be able to do the complete design and detailing of different types of retaining walls.
14. **Description (program conduction details) / speaker topic explanation:**
Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune has conducted an expert lecture of “Design of L & T- shape Retaining wall” on 13th October 2020 B.E civil students to give information about “Design of L & T –Shaped Retaining wall ”. Retaining walls are usually built





to hold back soil mass. However, retaining walls can also be constructed for aesthetic landscaping purposes. Retaining walls are structures used to retain earth or other loose materials which would not be able to stand vertically by itself. The retaining material exerts a push on structure and this tends to overturn and slide it. The weight of the retaining walls is of considerable significance in achieving and maintaining stability of the entire system. The basic function of these walls is to provide lateral support for a mass of earth or other material that is at a higher elevation behind the wall than the earth or other material in front of the wall.

Conclusion: There are numerous approaches to design and many types of retaining systems, each with specialized applications that can be used to retain soil and/or provide stability to slopes. Understanding what is involved in each design approach, how the system is constructed, and under what conditions they are constructed is imperative to successful and economical design and construction

15. Photos with caption

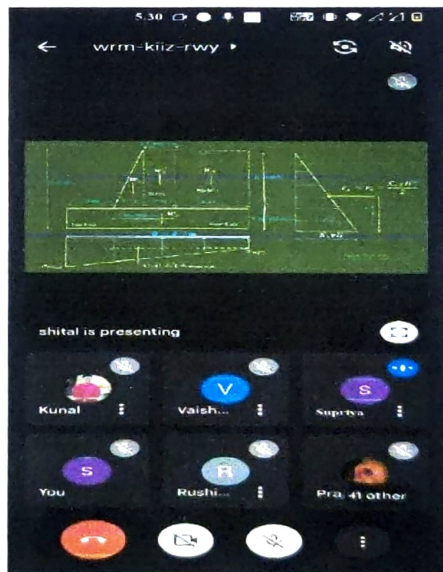
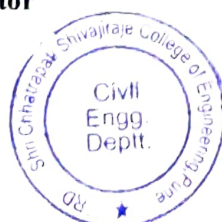


Photo:-Prof. S. B. Shinde Explaining of Reatining wall

S. P. Salunkhe
Prof. S. P. Salunkhe
 Coordinator

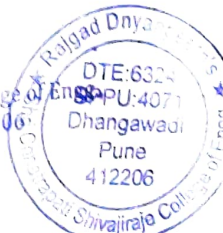
G. S. Jadhav
Prof. G. S. Jadhav
 H.O.D

S. B. Patil
Prof. Dr. S. B. Patil
 Principal



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





DEPARTMENT OF CIVIL ENGINEERING

Report on “Remote sensing & GIS” Date: 19/01/2021

1. **Program type:** Expert Lecture
2. **Event Name:** Remote Sensing & GIS
3. **Attendees:** Civil Engineering students
4. **Name and Designation of Resource Person :** Prof. Nitin P. Khatmode
5. **Company / Institute of Resource Person:** TSSM BSCOER , Pune
6. **Event coordinator:** Prof. A. A. Avhad
7. **Date of Execution:** 17/01/2021, Sunday
8. **Duration of Event:** 5.00pm-6.00pm
9. **Venue of event / Link:** <https://forms.gle/N1eBF3AQJHcE5V36>
10. **Number of Participants:** 23
11. **Fee details:** Free
12. **Objectives:** The proposed course provides basic understanding about satellite based Remote Sensing technology. Presently, remote sensing datasets available from various earth orbiting satellites are being used extensively in various domains including in civil engineering, water resources, earth sciences, transportation engineering, navigation etc. Google Earth has further made access to high spatial resolution remote sensing data available to non-experts with great ease.
13. **Outcomes:** Students will be able to know New techniques in RS & GIS.
14. **Description (program conduction details) / speaker topic explanation:**

Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune has conducted an expert lecture of “RS & GIS” on 17th January 2021 Civil Engg. students to give information about “RS & GIS”. Remote sensors generally collect the data by detecting the energy that is reflected back from Earth. These sensors are arranged on airplanes and satellites. GIS and Remote sensors are interrelated as these remote sensors are integrated within GIS systems to visualize and interpret the collected data.



DEPARTMENT OF CIVIL ENGINEERING

Date: 21/09/2020

Report on “Analysis & Design of Welded Plate Girder”

1. **Program type:** Expert Lecture
2. **Event Name:** Analysis & Design of Welded Plate Girder
Attendees: T.E & B.E Civil Engineering students
3. **Name and Designation of Resource Person :** Prof. Abhijit A. Galatage
4. **Company / Institute of Resource Person:** MIT-WPU, Pune
5. **Event coordinator:** Prof. S. R. Sutar
6. **Date of Execution:** 19/9/2020, Saturday
7. **Duration of Event:** 11.00 am - 1.00 pm
8. **Venue of event / Link:** <https://forms.gle/N1EDT4AJHHRcE5H67>
9. **Number of Participants:** 42
10. **Fee details:** Free
11. **Objectives:**
 - To provide brief introduction of working & various components of plated girder
 - To introduce different methodology of analysis of plate girder.
 - To provide basics of design consideration required for welded & bolted girder in line with IS code provision.
12. **Outcomes:** Students will be able to know the stepwise procedure of analysis & design of plate girder.
13. **Description (program conduction details) / speaker topic explanation:**

Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune has conducted an expert lecture of “Analysis & Design of Welded Plate Girder” on 19th September 2020 for Civil Engg. students to give brief methodologies of analysis & design of plate girder. Plate girders are one of the suitable alternative structural members to design long span girder. Now a day's welded plate girders provided for long span structure instead of RCC/ prestressed girder.



RajgadDnyanpeeth's

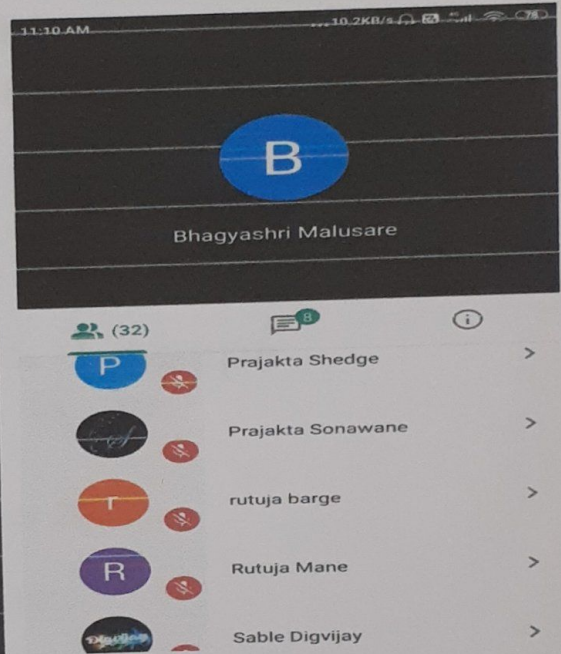
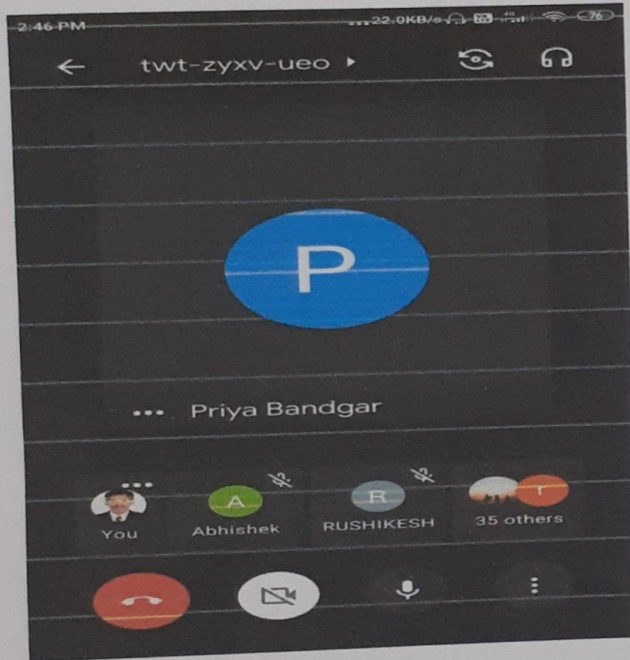
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhore, Dist- Pune (MH)

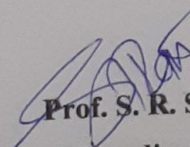
Conclusion:

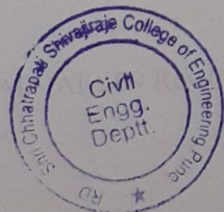
Students are come to know the purpose, working & components of plate girder. Students understood very well the analysis & design methods of welded & bolted plated girder as well. Due to expert session students understand the importance of design & relevant IS code provisions.

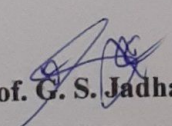
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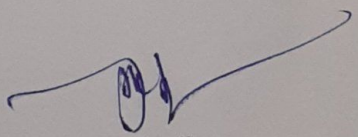


Prof. Expert - Student interaction on topic


Prof. S. R. Sutar
Coordinator




Prof. G. S. Jadhav
H.O.D
Head of Department
Dept. of Civil 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

S. No. 237, Pune- Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune (M.S)-412206.

REPORT OF EXPERT LECTURE ON, "GRADUALLY VARIED FLOW"

NAME OF GUEST/EXPERT: Prof D.K. Khopade,

Appearing PhD (Civil Engineering) M.Tech(Hydraulics & Water Resource Engg.) Bharati Vidyapeeth Pune,

FROM: Principal, Shri Chhatrapati Sambhajiraje Polytechnic Dhangwadi, Bhor

TITLE/TOPIC: Expert Lecture on "Gradually Varied Flow"

DAY & DATE: Friday 20/11/2020

DURATION OF SESSION: 11:00 am to 12:30pm & 1.30pm to 04 pm

PARTICIPANTS PRESENT: 67

COORDINATOR: Prof. S. K. Bhosale, Dept. of Civil Engineering

OBJECTIVE: To provide the information, concept & knowledge to participants regarding Specially Varied Flow.

DESCRIPTION: The expert of session Prof. D.K. Khopade gives brief idea about Fluid Mechanics. Following point to be covered in session-

1. Importance of Fluid Mechanics in Civil Engineering
2. What is Gradually Varied Flow
3. What is Flow Through Pipes
4. Problems on Gradually Varied Flow
5. Also provide information about importance of fluid mechanics in civil engineering

CONCLUSION: Participants are gets aware about the importance of fluid mechanics

PHOTO DURING SESSION:

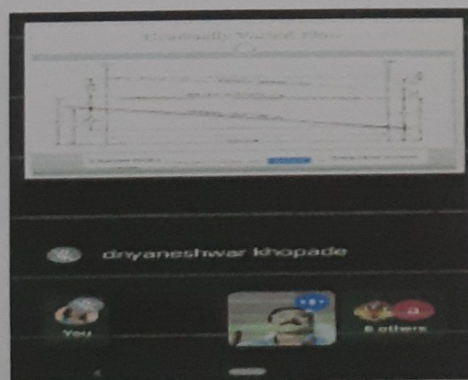


Photo No. 1 Prof D. K. Khopade gives the brief information about the fluid mechanics

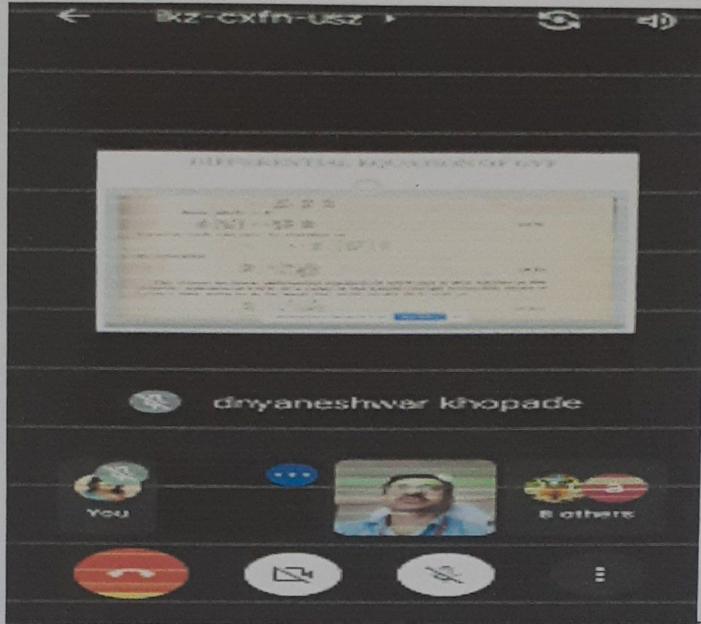
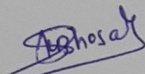
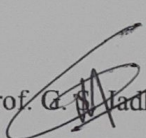
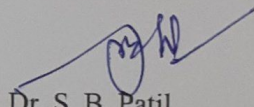


Photo No. 2 Participants attending the Expert Lecture


 Prof S.K. Bhosale
Coordinator


 Prof. G. S. Jadhav
Head HOD department


 Prof. Dr. S. B. Patil
Principal

Dept. of Civil Engineering
 Shri Chh. Shivajiraje College of Engg., Rajgad Dnyanpeeth's
 Dhangawadi, Pune-412206. Shri Chhatrapati Shivajiraje College of Engg.,
 Dhangawadi, Pune-412206





RajgadDnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

S. No. 237, Pune- Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune (M.S)-412206.

REPORT OF EXPERT LECTURE ON, "FLUID MECHANICS-BOUNDARY LAYER THEORY & FLOW THROUGH PIPES"

NAME OF GUEST/EXPERT: Dr. Sachin D. Khandekar,

PhD (Civil Engineering) NITK, M.Tech(Hydraulics & Water Resource Engg.)IIT,

FROM: Professor, Dept. of Civil Engineering,

Sinhgad College of Engineering, Pune.

TITLE/TOPIC: Expert Lecture on "Fluid Mechanics-Boundary Layer Theory & Flow Through Pipes"

DAY & DATE: Wednesday 03/03/2021

DURATION OF SESSION: 11:00 am to 12:30pm & 1.30pm to 03.30pm

PARTICIPANTS PRESENT: 67

COORDINATOR: Prof. S. P. Salunkhe, Dept. of Civil Engineering

Prof. S.S. Jadhav, Dept. of Civil Engineering

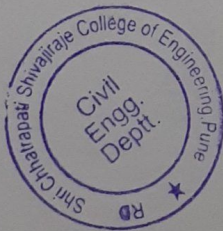
OBJECTIVE: To provide the information, concept & knowledge to participants regarding Boundary Layer Theory, & Flow Through Pipes.

DESCRIPTION: The expert of session Prof. Sachin D. Khandekar gives brief idea about Fluid Mechanics. Following point to be covered in session-

1. What is Boundary Layer Theory
2. What is Flow Through Pipes
3. Problems on boundary layer theory
4. Problems on flow through pipes
5. Also provide information about importance of fluid mechanics in civil engineering

CONCLUSION: Participants are gets aware about the importance of fluid mechanics

PHOTO DURING SESSION:



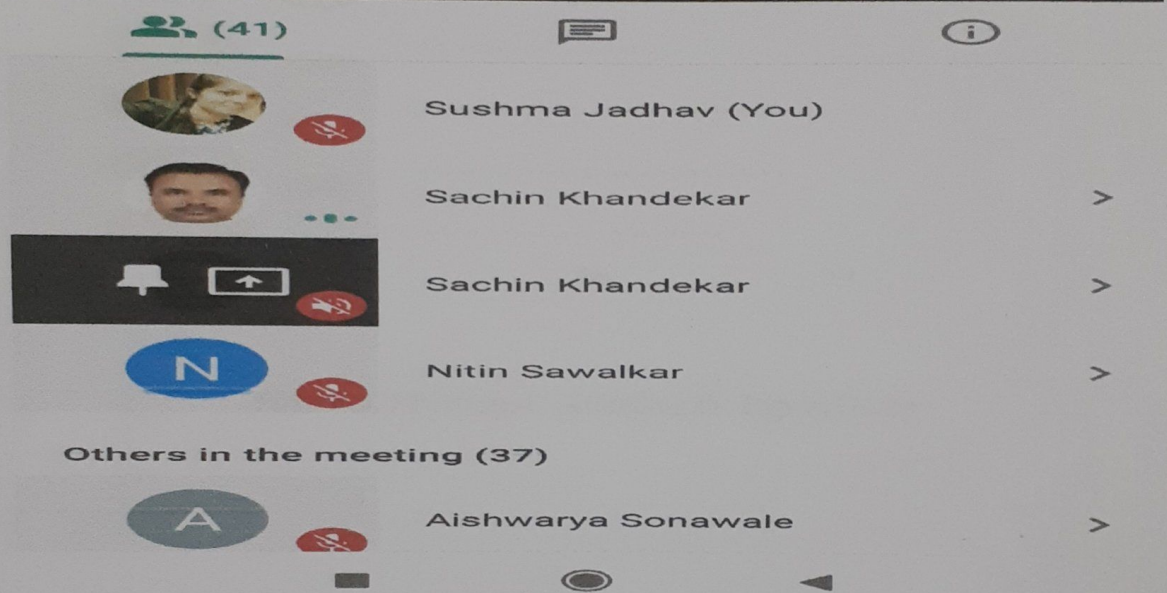
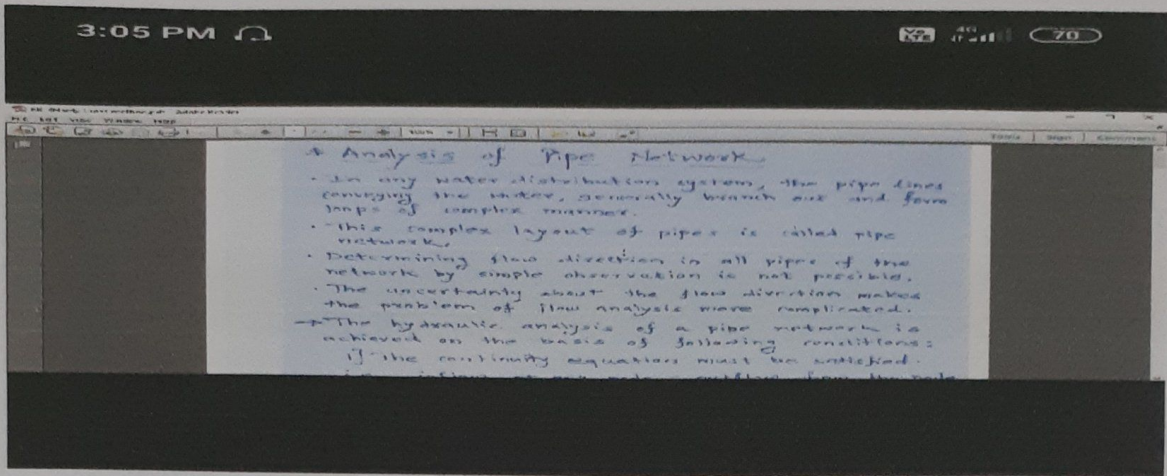


Photo No. 1 Dr. Sachin D. Khandekar gives the brief information about the fluid mechanics



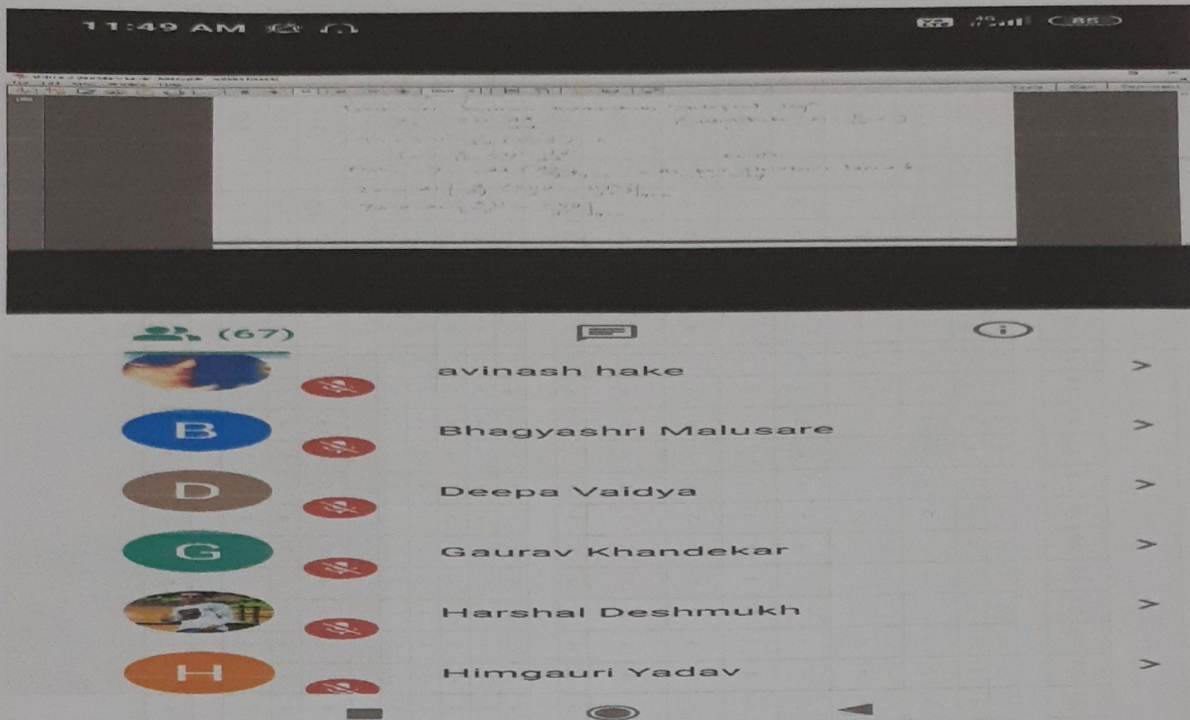
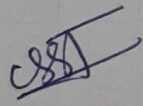
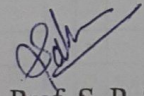
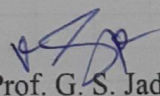
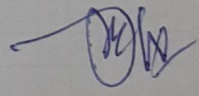
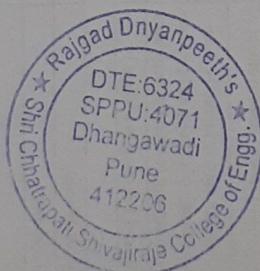
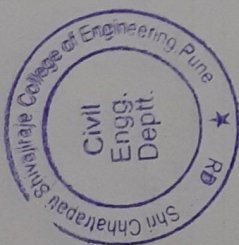


Photo No. 2 Participants attending the Expert Lecture



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


 Prof. G. S. Jadhav
HOD


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



REPORT OF POSTER COMPETITION-2021**Department:** Computer Engineering**Day & Date:** Friday, 26.03.2021**Chief Guest:** Mr. Rohan Navale, Genius World Centre Pvt.Ltd, Pune.**Event Coordinator:** Prof.K.R.Pathak, Faculty, RDTC, SCSCOE, Dept. of E&TC Engg.**Objective:**

The Main objectives of the poster competition were to enhance technical knowledge and competitiveness among students.

Description:

The "Poster Competition-2021" was arranged online mode in the presence of Principal of RDTC, HOD of department and all Faculties of respective departments and students. Total 10 groups were participated for this Poster Competition. There were three members in the jury committee including Judge, Mr. Rohan Navale, Prof.A.S.Sondkar (HOD) and Event & Project Co-Coordinator Prof.K.R.Pathak. The final evaluation process completed by jury members and finalized the 2 (Two) groups as 1st rank and 2nd rank.

Result of Project Competition Event A.Y. 2020-21

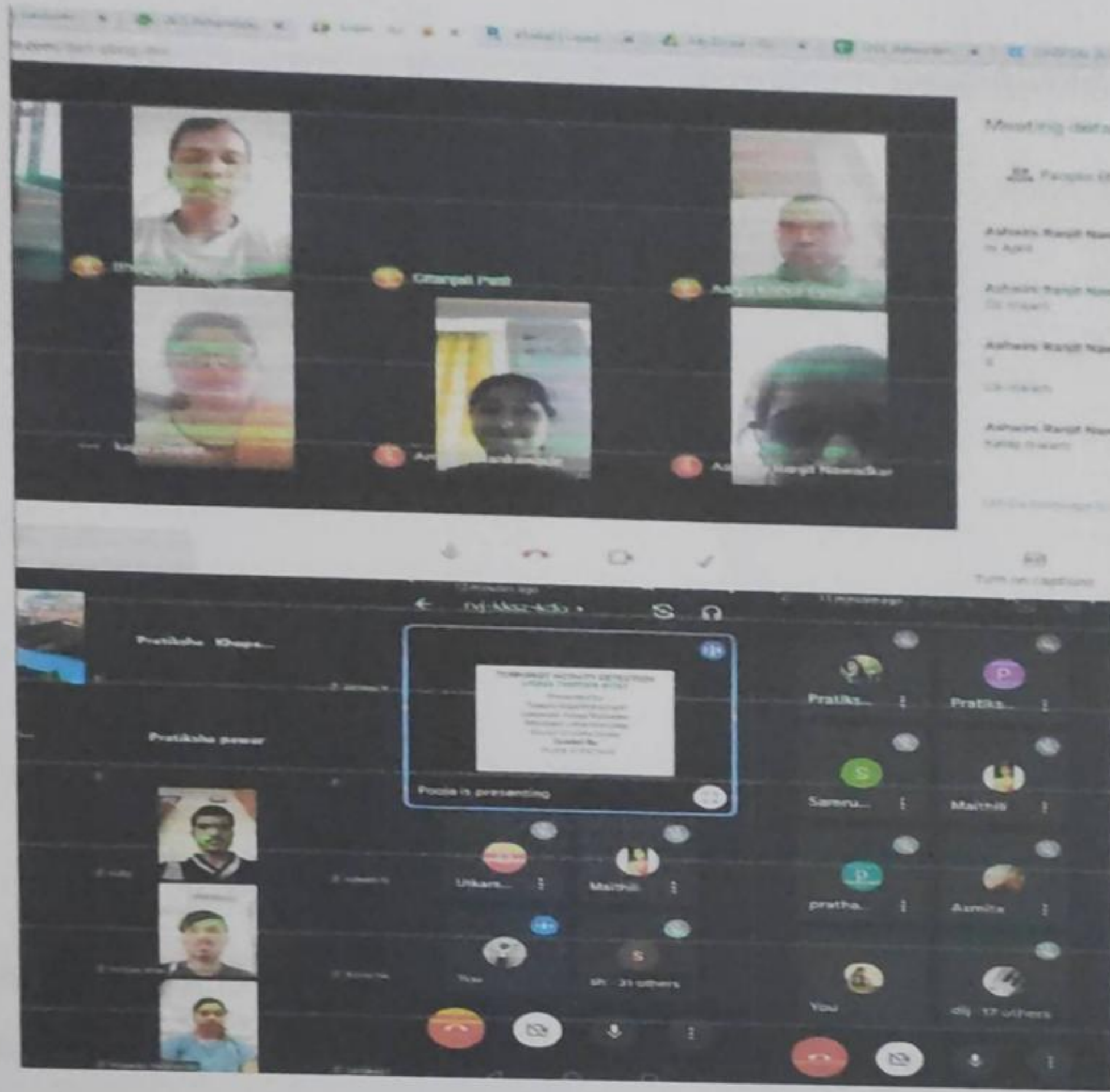
Gr. No.	Name of Students	Project Title	Class	Rank
1	Patil Madhuri, Pednekar Pratiksha, Sawant Jyoti, Salunkhe Pratiksha	Block chain Technology.	B. E. Computer	Winner
2	Rutuja Konde, Ishita Rajoria, Sanjivani Chavan, Tejashree Deshmukh	3D Printing Technology.	B. E. Computer	Runner up

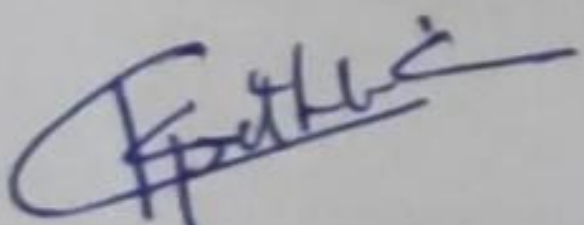
Finally, award ceremony program was conducted on 26th March 2021 from 11.00 pm to 2.00 pm and announced the name of winner teams of innovative technical ideas with rank certificates were distributed to the students with blessings of the chief guest and principal of Institute

Conclusion:

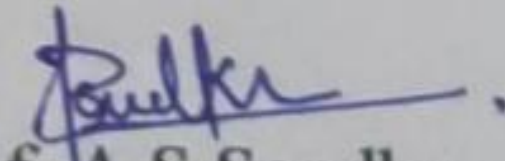
This competition has provided a platform to the budding engineers to showcase their creative and innovative project ideas to compete in the global competitive engineering field.

Event Photos:




Prof. K.R. Pathak

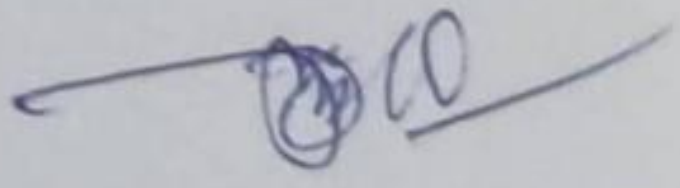
Coordinator


Prof. A.S. Sondkar

HOD

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




Prof. Dr. S.B. Patil

Principal

Principal
Wajad Dnyanpeeth's
Shri Chhatrapati Shivaji Maharaj College of Engineering,
Jhule, Bhore, Pune-412206

REPORT OF PROJECT COMPETITION-2021**Department:** Computer Engineering**Day & Date:** Tuesday, 30.03.2021**Chief Guest:** Mr. Chaitanya Patil Sr. Software Engineer, Speed16 technologies, Pune.**Event Coordinator:** Prof.K.R.Pathak, Faculty, RDTC, SCSCOE, Dept. of E&TC Engg.**Objective:**

The Main objectives of the project competition were to enhance technical knowledge and competitiveness among students.

Description:

The "Project Competition-2021" was arranged online mode in the presence of Principal of RDTC, HOD of department and all Faculties of respective departments and students. Total 10 project groups were participated for this Project Competition. There were three members in the jury committee including Judge, Mr. Chaitanya Patil .Prof.A.S.Sondkar HOD, and Event & Project Co-Coordinator Prof.K.R.Pathak. The final evaluation process completed by jury members and finalized the 2 (Two) groups as 1st rank and 2nd rank.

Result of Project Competition Event A.Y. 2020-21

Gr. No.	Name of Students	Project Title	Class	Rank
1	Rupali Salekar, Swapnali Phadnis, Shagufta Ansari, Vishakha Phase	Smart city waste management system for swacha Bharat under digital India	B. E. Computer	Winner
2	Pawar Pratiksha, narhe Sakhu, Shinde Tejaswini, Neelanjali Chemate	A Corona Recognition Method Based on Visible Light Color & Machine Learning.	B. E. Computer	Runner up

Finally, award ceremony program was conducted on 30th March 2021 from 11.00 pm to 4.00 pm and announced the name of winner teams of innovative projects with rank certificates were distributed to the students with blessings of the chief guest and principal of Institute.

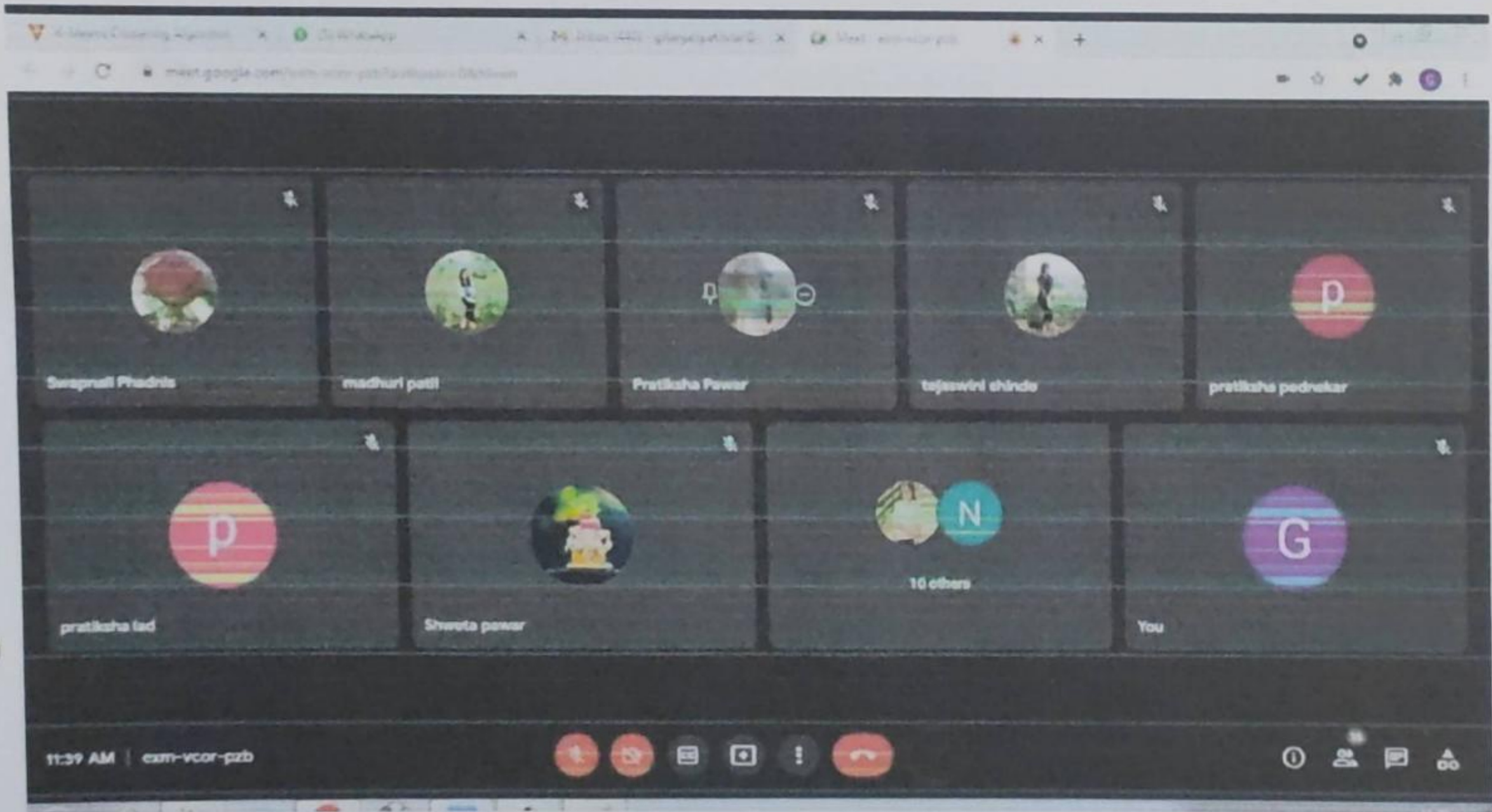
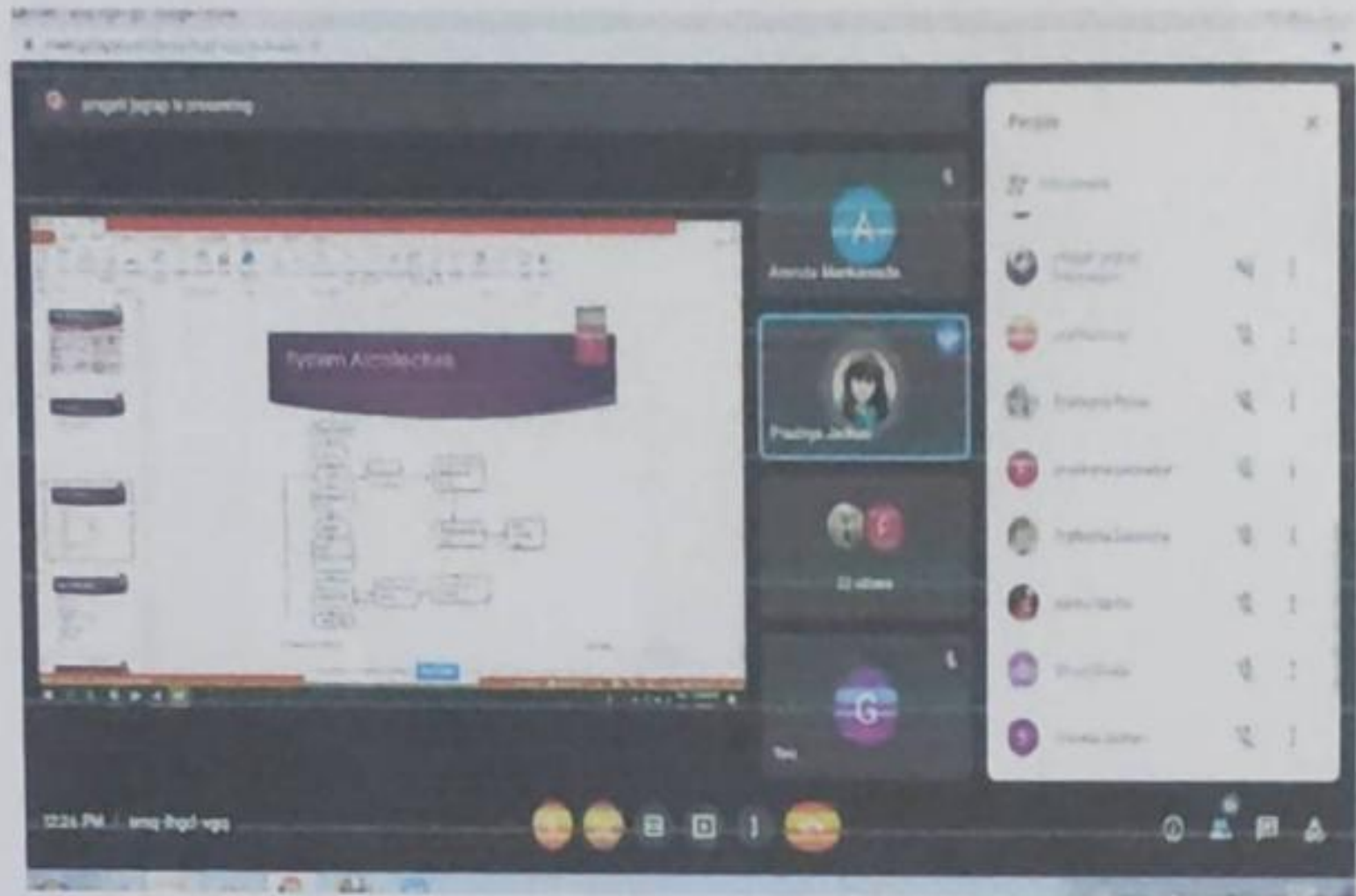
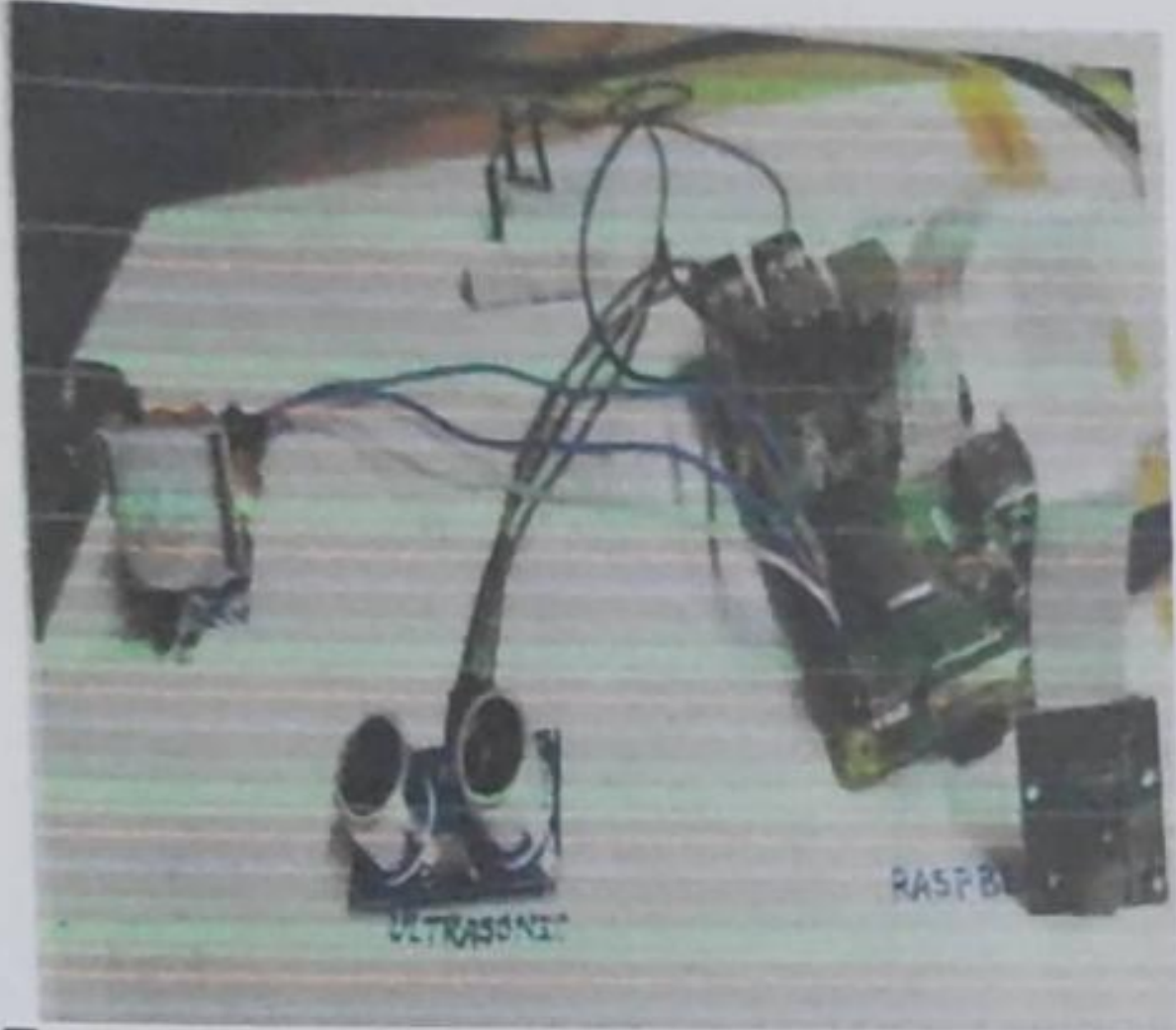
The selected innovative project ideas will be completed by students under the guidance of respective departmental faculty member/members with under observation of respective departmental head. The student was presented projects with running condition and different modules according to their application of projects.



Conclusion:

This competition has provided a platform to the budding engineers to showcase their creative and innovative project ideas to compete in the global competitive engineering field.

Event Photos:



K Pathak
Prof.K.R.Pathak

Coordinator

A.S. Sondkar
Prof. A.S.Sondkar

HOD

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



S.B. Patil
Prof.Dr.S.B.Patil

Principal

Principal
Smt. Durgabai Chavan
Shivajiraje College of Engg.
Jhambhale, Bhor, Pune-412201

REPORT ON GUEST LECTURE DBMS: NOSQL DATABASE

TITLE/TOPIC : DBMS: NOSQL DATABASE GUEST LECTURE

DAY/DATE : "Monday" 14th September 2020

VENUE : Individual Online platform & Computer Department

DURATION OF SESSION : 11:00 AM to 1:00 PM

OBJECTIVE

1. Providing students a techniques of DBMS: NoSQL database
2. Understand and use of NoSQL database.

SUMMERY

The Guest lecture has begun with the sharing the link to the students. Students joined workshop using online platforms. Prof. A.S.Sondkar (Head of Department) welcome the Guest Mr. Pramod Patil.

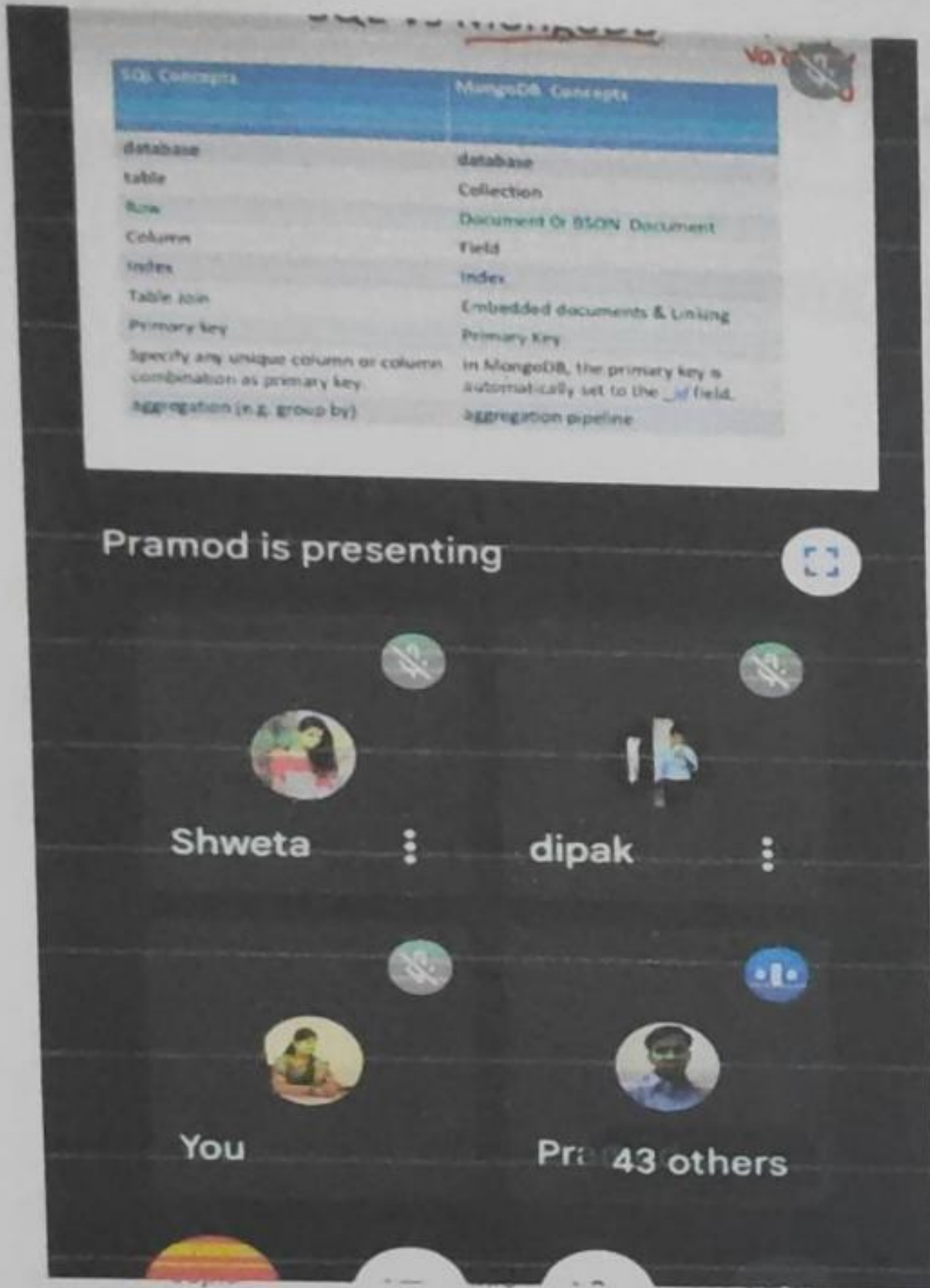
Every day large amounts of complex data is generated very rapidly by organizations, people, devices, and social interactions. Much of the data is used by machines and people for quick and complex decision making. NoSQL databases are ideally suited for use in these big data and real-time applications, because they are more scalable and perform better than relational databases, particularly when working with large volumes of rapidly changing data. The topics include in the lecture are as follows:

- Database management systems
- SQL databases vs. NoSQL databases
- Non-relational data models
- Applications of non-relational data models

At the end of this lecture, Mr. Pramod Patil demonstrates the designing of small running projects. He conducted a whole lecture actively of students. Also students shared their questions and queries regarding the NoSQL platform. Prof. K.R. Pathak expressed vote of thanks. And wished students support for upcoming technologies regarding NoSQLplatform.



Photos of Session:



- People Info
- Shreya Bneike
 - Shreya Ithape
 - SHUBHAM BORSA...
 - Shubham saste
 - shubhangi gaikwad
 - Shweta Bhosale
 - Snehal Pawar
 - SONAL SONAWANE
 - Sushil Gaikwad
 - Vaibhav Kshirsagar
 - vaishnavi Patil
 - Vidya Devgiri

- In call
- kajal Diwate (You) Meeting host
 - Abhinav Walhekar
 - Aditi Kachi
 - AKSHADA GARUD
 - Akshada Gorad
 - ANIKET SURYAWA...
 - Asfiyan Attar
 - Ashwini Shilimkar
 - Avinash Jadhav
 - dipak shinde
 - Harshada .la
 - Isha Dilip Bhingare
 - kajal kinhale
 - Kiran Khandale
 - Kishori Pophale
 - Koli Gaurav
 - Komal Suryawanshi
 - Kunal Mandave
 - KUNAL UMBARKAR
 - Mayur Pawar
 - Pooja Gaikwad
 - pooja raut
 - Prachi Bobade
 - Pramod Patil
 - Pramod Patil (Pres...
 - Pramod Patil
 - Pratiksha Yele
 - Ritambara Chavan
 - Rupali Mandhare
 - RUTUJA KUMBHAR
 - Sandhya Shinde
 - Shivam Sonawane
 - Shreya Bhelke

K.R. Pathak
Prof. K.R.Pathak

Coordinator

A.S. Sondkar
Prof.A.S.Sondkar

HOD



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

REPORT ON EXPERT LECTURE OF INTERNET OF THINGS

TITLE/TOPIC : **EXPERT LECTURE OF INTERNET OF THINGS**

DAY/DATE : "Friday" 12th February 2021

VENUE : Individual Online platform & Computer Department

DURATION OF SESSION : 11:00 AM to 1:00 PM

OBJECTIVE

1. Providing students a conceptual overview of IoT
2. Understand and use essential techniques of IoT.

SUMMARY

The workshop has begun with the sharing the link of workshop to the students. Students joined workshop using online platforms. Prof. A.S.Sondkar (Head of Department) welcome the Guest Ms. Prachi Desai.

The lecture covered the basic techniques that helps students to build and apply prediction functions with an emphasis on practical applications.

The outcomes of this expert lecture are:

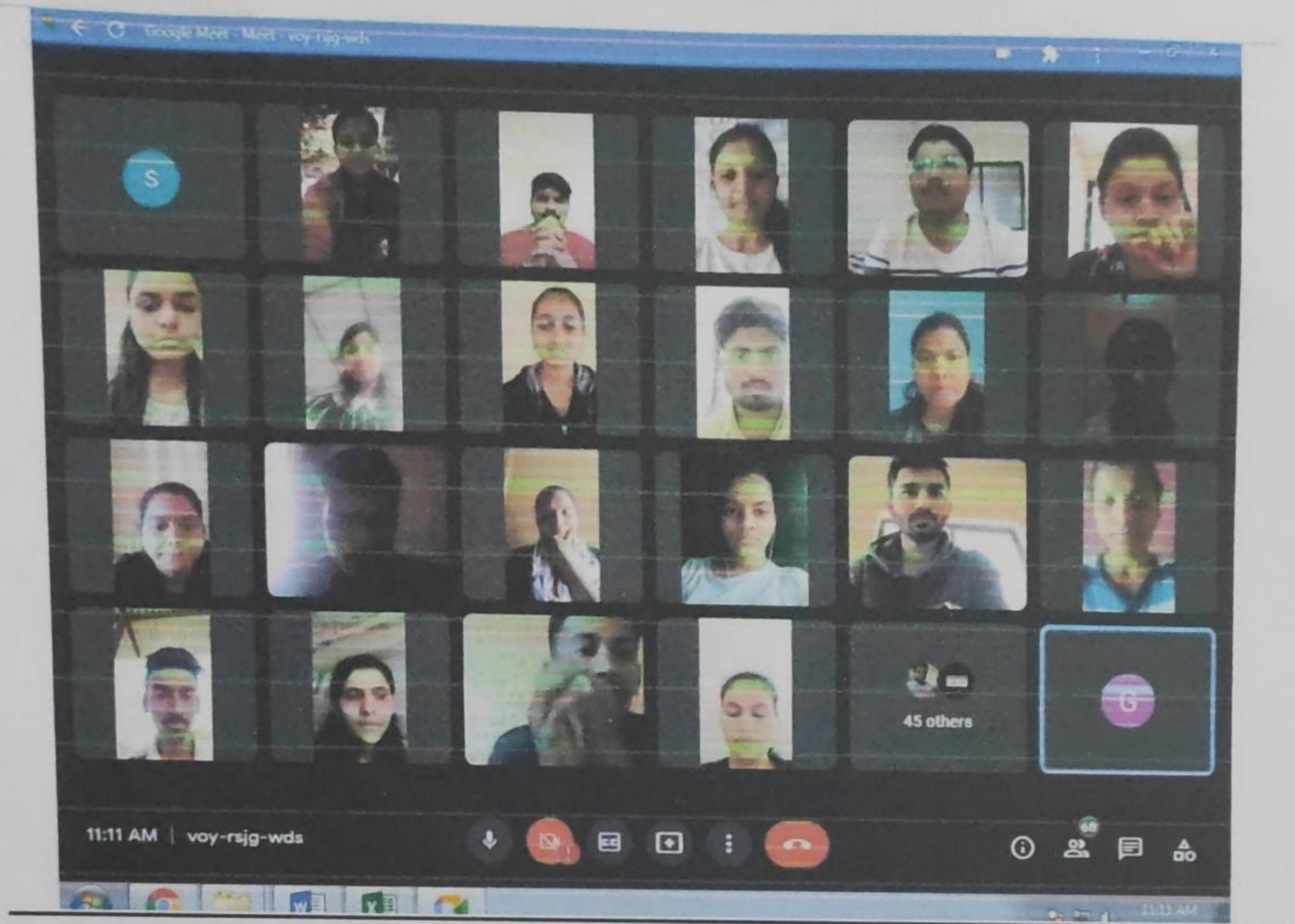
- Understand the components of a IoT.
- Apply IoT tools to build an application.

The Internet of things (IOT) is the extension of Internet connectivity into physical devices and everyday objects. Embedded with electronics, Internet connectivity, and other forms of hardware (such as sensors), these devices can communicate and interact with others over the Internet, and they can be remotely monitored and controlled. IOT resource person, Ms. Prachi Desai explained the students about the extensive set of applications for IOT devices in consumer, commercial, industrial, and infrastructure applications. They also explored the programming concepts of Arduino boards for IOT applications.

Students shared their questions and queries regarding the IoT platform. Prof. A.S.Sondkar expressed vote of thanks. And wished students support for upcoming technologies regarding IoT platform.



Photo of Session:



Astom

Prof. A.R.Nawadkar

Co-ordinator

Budh

Prof.A.S.Sondkar

HOD

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



REPORT ON RED HAT LINUX ADMINISTRATION WORKSHOP

TITLE/TOPIC : RED HAT LINUX ADMINISTRATION WORKSHOP

DAY/DATE : "Wednesday" 3rd February 2021

VENUE : Individual Online platform Microsoft teams & Computer Department

DURATION OF SESSION : 11:00 AM to 1:00 PM

OBJECTIVE

1. Providing students a hands-on training and practical session of linux technology
2. Understand and use essential tools of red hat Linux technology

SUMMARY

The workshop has begun with the sharing the link of workshop to the students. Students joined workshop using online platforms of Microsoft teams. Prof. A. S. Sondkar (Head of Department) welcome the Guest Mrs. Kavita Patil and Ms. Prachi Desai.

Speakers shared their views and delivered the session which cleared various points of Red hat linux administration like Understand and use essential tools for handling files, directories, command-line environments, and documentation, Create simple shell scripts, Operate running systems, including booting into different run levels, identifying processes, starting and stopping virtual machines, and controlling services, Configure local storage using partitions and logical volumes, Create and configure file systems and file system attributes, such as permissions, encryption, access control lists, and network file systems, Deploy, configure, and maintain systems, including software installation, update, and core services, Perform basic container management.



Also students shared their questions and queries regarding the linux platform. Prof. A. S. Sondkar (Head of Computer Department) expressed vote of thanks. And wished students support for upcoming technologies regarding linux platform.

Photos of Session:

RAJGAD DNYANPEETH'S
Shri Chhatrapati Shivajiraje College of Engineering
DEPARTMENT OF COMPUTER ENGINEERING
Announces
Online Workshop
on
Red Hat Linux Administration
SPEAKERS
Ms. Prahi Desai
Technical Trainer
Mrs. Kavita Patil
Red Hat Certified Architect
redhat
System Administration
Registration : FREE
Wednesday
3rd February 2021
11:00 AM To 1:00 PM

The top screenshot shows a Zoom meeting grid with several participants' video feeds and circular icons with initials (DS, SP, PS, A, KN). The bottom screenshot shows a Zoom meeting interface with a grid of circular icons (AN, MM, H, PK, RB, IR) and a 'Participants' list on the right side.

Snapshots of Today's Event.



REPORT ON MACHNE LEARNING WITH PYTHON WORKSHOP

TITLE/TOPIC : **MACHNE LEARNING WITH PYTHON WORKSHOP**

DAY/DATE : "Tuesday" 23rd March 2021

VENUE : Individual Online platform Zoom & Computer Department

DURATION OF SESSION : 10:00 AM to 12:00 PM

OBJECTIVE

1. Providing students a hands-on training and practical session of Machine learning technology
2. Understand and use essential tools of Machine learning with Python programming.

SUMMERY

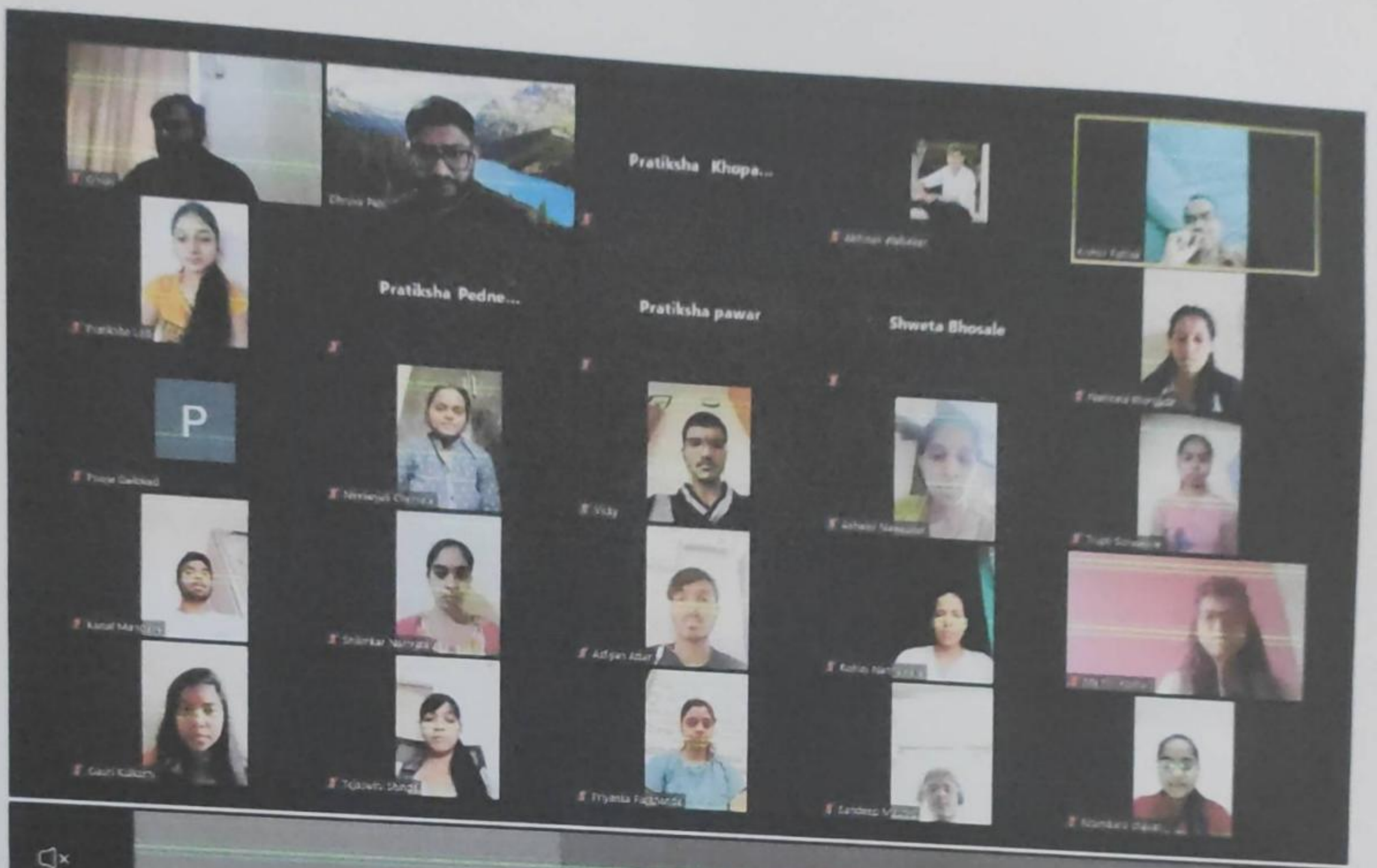
The workshop has begun with the sharing the link of workshop to the students. Students joined workshop using online platforms of Microsoft teams. Prof. K.R. Pathak (Head of Department) welcome the Guest Mr. Dhruv Patil.

The workshop covered the basic algorithm that helps us to build and apply prediction functions with an emphasis on practical applications.

The outcomes of this workshop are:

- Understand the components of a Machine Learning algorithm.
- Apply Machine Learning tools to build and evaluate predictors
- How Machine Learning uses computer algorithms to search for patterns in data
- How to uncover hidden themes in large collections of documents using topic modeling
- How to prepare data, deal with missing data and create custom data analysis solutions for different industries
- Basic and frequently used algorithmic techniques including sorting, searching, greedy algorithms and dynamic programming

At the end of this workshop, Mr. Dhruv Patil demonstrates the designing of small running projects. He conducted a whole workshop content actively and will gave certificate after the evaluation the quiz & performance of students. Also students shared their questions and queries regarding the ML and Python platform. Prof. K.R. Pathak expressed vote of thanks. And wished students support for upcoming technologies regarding Machine learning platform.



Zoom
Leave

Model selection: Cross Validation

- Model can only be deployed on the test data.
- The training set is split into k smaller sets and validation sets are considered.
- The best model (hyperparameters) evaluated on test set.

Stop
Start Video
Participants
More



Ashwin

Prof. A.R.Nawadkar

Coordinator



A.S.Sondkar

Prof. A.S.Sondkar

HOD

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



QUIZ REPORT

DEPARTMENT: **E&TC**

CLASS: SE, TE, BE students, Professionals and Faculties from inside and outside of college

TITLE/TOPIC: "Era of Microcontroller"

DATE: 17th Mar 2021 to 19th Mar 2021

DURATION OF SESSION: 3 Day

ATTENDIES: 220

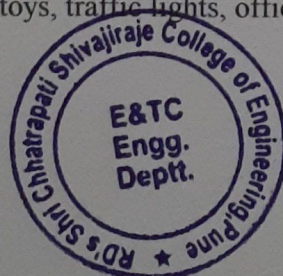
COORDINATOR: **Prof. P.S. Gham**

OBJECTIVE: The aim of this Quiz is to impart knowledge about the Microcontroller. The quiz will focus on basics of microcontrollers.

DESCRIPTION: Department of Electronics and Telecommunication organized Quiz on "Era of Microcontroller" from 17th Mar 2021 to 19th Mar 2021 for SE, TE, and BE students, professionals and Faculties from inside and outside of institute to give information about Microcontrollers

A microcontroller is an electronic device belonging to the microcomputer family. These are fabricated using the VLSI technology on a single chip. There are microcontrollers available in the present market with different word length starting from 4 bit, 8 bit, 64 bit to 128 bit. This quiz is about microcontrollers, their architecture, and various features.

In a broader sense, the components which constitute a microcontroller are the memory, peripherals and most crucially a processor. Microcontrollers are present in devices where the user has to exert a degree of control. They are designed and implemented to execute a specific function such as displaying integers or characters on an LCD display module of a home appliance. Application of microcontrollers is myriad. In simpler terms, any gadget or equipment which has to deal with the functions such as measuring, controlling, displaying and calculating the values consist of a microcontroller chip inside it. They are present in almost all the present day home appliances, toys, traffic lights, office instruments and various day-to-day appliances.





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Website: www.rajgad.edu.in, Email Id: scscoe@gmail.com

CONCLUSION: Microcontrollers are used in automatically controlled products and devices, such as automobile engine control systems, implantable medical devices, remote controls, office machines, appliances, power tools, toys and other embedded systems.

Prof. P. S. Gham
Coordinator

Prof. S. Y. Tule
Coordinator

Prof. T. M. Dudhane

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





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QUIZ REPORT

DEPARTMENT: **E&TC**

CLASS: SE, TE, BE students, Professionals and Faculties from inside and outside of college

TITLE/TOPIC: "Vogue of Digital Circuits."

DATE: 15th March 2021 to 17th March 2021

DURATION OF SESSION: 3 Days

ATTENDIES: 258

COORDINATOR: **Prof. J.J.Bandal , Prof.P.G.Bendre**

OBJECTIVE: The aim of this Quiz is to impart knowledge about the Digital circuits. The quiz will focus on introduction and application of **Digital Circuit**

DESCRIPTION: Department of Electronics and Telecommunication organized Quiz on "Vogue of Digital Circuit" from 15th March 2021 to 17th March 2021 for SE, TE, and BE students, professionals and Faculties from inside and outside of institute to give information about Digital Circuits. Digital electronics is a field of electronics involving the study of digital signals and the engineering of devices that use or produce them. This is in contrast to analog electronics and analog signals. Digital electronic circuits are usually made from large assemblies of logic gates, often packaged in integrated circuits. Complex devices may have simple electronic representations of Boolean logic functions

A digital circuit is a circuit where the signal must be one of two discrete levels. Each level is interpreted as one of two different states (for example, on/off, 0/1, true/false). Digital circuits use transistors to create logic gates in order to perform Boolean logic. This logic is the foundation of digital electronics and computer processing. Digital circuits are less susceptible to noise or degradation in quality than analog circuits. It is also easier to perform error detection and correction with digital signals. To automate the process of designing digital circuits, engineers use electronic design automation (EDA) tools, a type of software that optimizes the logic in a digital circuit.



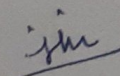
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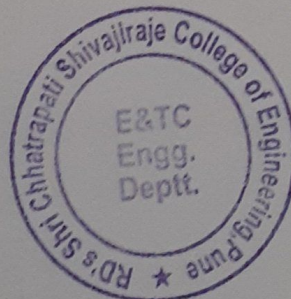
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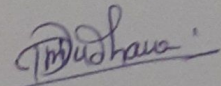
The end result is a student should be able to design these types of circuits:

- Combinational Logic Circuits directly respond to input change
- Sequential Networks remember the present state and combine with input changes to create a new state
- Synchronous Sequential Network Design (Mealy and Moore) is a method of designing complex sequential logic circuits that only look at inputs at times determined by a clock. This results in circuits with fewer glitches, more predictability but are slower and use more hardware.
- Asynchronous Sequential Network Design is a method of designing complex sequential logic circuits that are very fast, simple and respond to inputs at speeds determined by the devices themselves rather than a clock. They are harder to design but are closer to nature (including to brain operation)

CONCLUSION: Since the **Digital Circuit Design** is dedicated to specific tasks, design engineers can optimize it to reduce the size and cost of the product and increase the reliability and performance. Similarly getting knowledge about Boolean logic functions and designing of circuit with different types of circuit by this Quiz session


COORDINATOR
Prof J. J. BANDAL




HOD
Prof. T. M. Dudhane
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Rajgad Dnyanpeeth's

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WEBINAR REPORT

DEPARTMENT: **E&TC**

CLASS: SE, TE, BE students, Professionals and Faculties from inside and outside of college

NAME OF GUEST/EXPERT: **Mr. Vagish Sharma**

FROM: **Senior Head at Learn to Act Advisory Pvt. Ltd.**

TITLE/TOPIC: **“Cyber Security, Skill Development and Job Opportunities”**

DAY & DATE: 5th June 2020

DURATION OF SESSION: 2 Hr

ATTENDIES: 109

CO-ORDINATOR: **Prof. P.S. Gham**

OBJECTIVE: The aim of this Webinar is to impart knowledge how to protect the computers, networks, and software programs from such cyber attacks.. The webinar will focus on Most of these digital attacks are aimed at accessing, altering, or deleting sensitive information; extorting money from victims; or interrupting normal business operations as well as job opportunities in cyber security.

DESCRIPTION: Department of Electronics and telecommunication organized Webinar on “Cyber Security, Skill Development and Job Opportunities” on 5/06/2020 for SE, TE, BE students, Professionals and Faculties from inside and outside of college

While other types of IT jobs like network administrators or software developers are more common and well-known, cyber security jobs are smaller in number but fast increasing in importance. As our global economy has led to more Internet-based computing and connectivity the world over, organizations have grown ever more vulnerable to hacking and cyber-attacks. And just as a business might hire security even when there's a local police force, so must a business hire cyber security staff. It is ultimately the duty of the organization to protect their proprietary data as well as any customer information they are privy to.





These cyber security professionals are in short supply, however. Last year, NASSCOM reported that India alone would need 1 million cyber security professionals by 2020, while job portal Indeed reported a spike of 150 percent in cyber security roles between January 2017 and March 2018. Companies like KPMG have doubled the size of their cyber security teams in recent years. The recent overwhelming need for cyber security is the result of several factors:

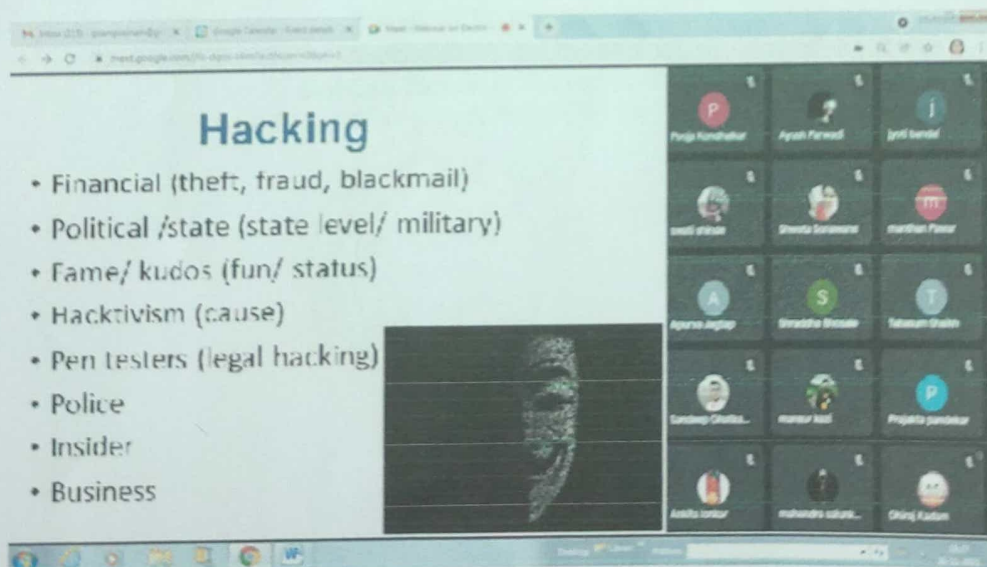
1. Digital India and Demonetization
2. General Data Protection Regulation (GDPR)
3. Aftermath of WannaCry Ransomware

Cyber Security Jobs in India

1. Network Security Engineer
2. Cyber Security Analyst
3. Security Architect
4. Cyber Security Manager

CONCLUSION: . Cyber security is one of the most important aspects of the fast-paced growing digital world. The threats of it are hard to deny, so it is crucial to learn how to defend from them and teach others how to do it too. This webinar improves students knowledge and gain some new skills for getting some worthy job opportunities.

Photos During Webinar



Mr Vagish Sharma is explaining Cyber Security

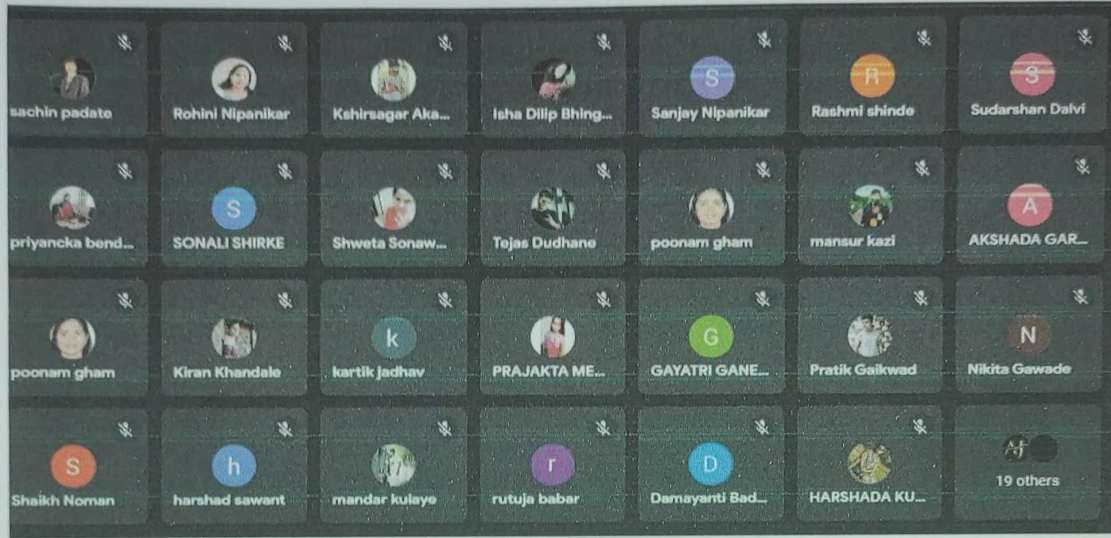




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Participants during Webinar

Prof. P. S. Gham

Coordinator

Prof. T. M. Dudhane

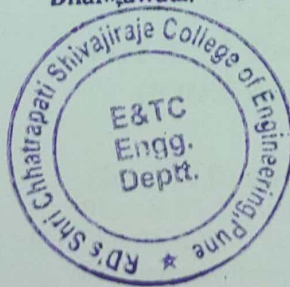
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Prof. Dr. S. B. Patil

Principal

Head of Department
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Principal
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WEBINAR REPORT**DEPARTMENT: E&TC****CLASS: TE, BE and Faculty****NAME OF GUEST/EXPERT: Prof. Dr.Biplav Kumar Sarkar****FROM: Padmabhushan Vasantdada Patil Institute Of Technology, Bavdhan, Pune****TITLE/TOPIC: “Intellectual Property Rights-Patents”****DAY & DATE: 15-10-2020****DURATION OF SESSION: 3 Hours****NUMBER OF PARTICIPANTS: 318****CO-ORDINATOR: Prof. Dr. S. I. Nipanikar, Prof. R. S. Nipanikar**

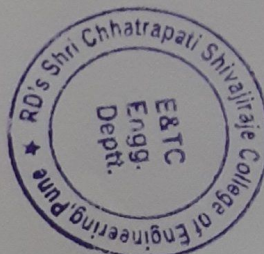
OBJECTIVE: The main objective of the program was to guide faculties and students about how to think innovative idea and how to novelty. Also guided about how to file patent.

DESCRIPTION: Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune has conducted a Seminar of “Intellectual Property Rights-Patents” on 15th October 2020 for faculties, TE and BE students of all branches to give information about “Intellectual Property Rights-Patents”

Innovative research is a search for new business and strategic techniques and methods. Innovative research focuses on creating new ideas, analyzing problems, diagnosing them and identifying their causes. Innovative research creates new business solutions, strategies, technologies and processes.

The intellectual property rights is a right that is had by a person or by a company to have exclusive rights to use its own plans, ideas, or other intangible assets without the worry of competition, at least for a specific period of time. These rights can include copyrights, patents, trademarks, and trade secrets.

Patents are granted for new, useful inventions, and they will give you the right to prevent others from making, using, or selling your invention. ...





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Novelty of a research work is not about you publish a new highest value for a particular properties, example highest strength and etc, but it is about a totally new developed material or method used in the research work.

CONCLUSION: The seminar explained Intellectual property rights are monopoly rights that grant their holders the temporary privilege for the exclusive exploitation of the income rights from cultural expressions and inventions. We have seen that two components are usually mentioned as justifications for such individual ownership.

PHOTO'S DURING SESSION:

Intellectual Property Rights | Live Webinar | RD's SCSCOE, Pune

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Patent Commercialize

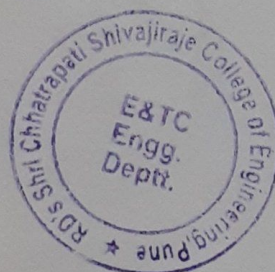
1. **Patented Idea YouTube**: Like more then 5000 User.
2. **You can start** : The Production in local Market.
3. **Send the innovative Idea Video**: Related Company CEO.

Dr. B.K. Sarkar

Rajgad Dnyanpeeth's SCSCOE

DR. B.K. SARKAR (IITA) 24

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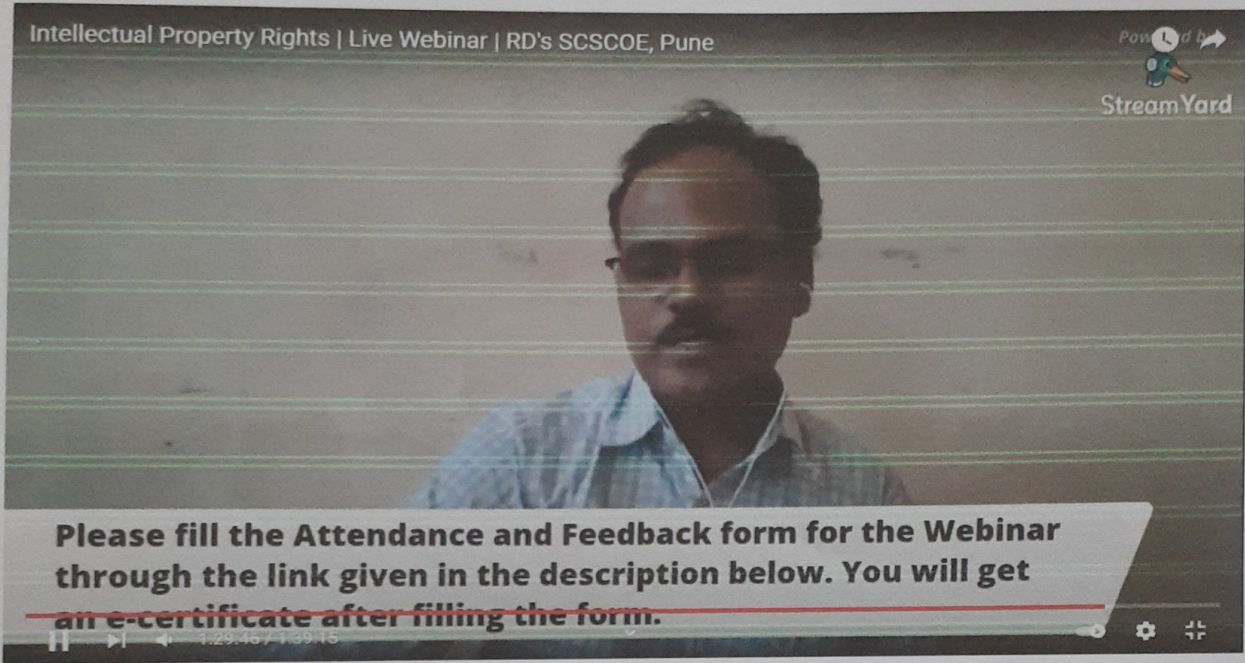




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Prof. Dr. B. K. Sarkar guiding faculties and students about Patents



Prof. Dr. S. I. Nipanikar concluding the webinar

Prof. R. S. Nipanikar

Coordinator

Prof. Dr. S. I. Nipanikar

Coordinator

Prof. T. M. Dudhane

HOD E & TC

Head of Department

Dept. of E& TC Engineering
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Prof. Dr. S. B. Patil

Principal

Principal

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WEBINAR REPORT

DEPARTMENT: **E&TC**

CLASS: SE, TE, BE students, Professionals and Faculties from inside and outside of college

NAME OF GUEST/EXPERT: **Mr. Sujit Sakhare**

FROM: **Spark Minda Technical Centre**

TITLE/TOPIC: **"Opportunities in Embedded Systems"**

DAY & DATE: 9th Feb 2021

DURATION OF SESSION: 2 Hr

ATTENDIES: 122

CO-ORDINATOR: **Prof. Dr. S. I. Nipanikar , Prof. P.S. Gham**

OBJECTIVE: The aim of this Webinar is to impart knowledge about the real time applications of Embedded System. The webinar will focus on **Opportunities in Embedded Systems**.

DESCRIPTION: Department of Electronics and telecommunication organized Webinar on "**Opportunities in Embedded Systems**" on 9/02/2021 for SE, TE, and BE E&TC students to give information about Embedded Systems.

An **embedded system** is a computer system—a combination of a computer processor, computer memory, and input/output peripheral devices—that has a dedicated function within a larger mechanical or electrical system. It is *embedded* as part of a complete device often including electrical or electronic hardware and mechanical parts. Because an embedded system typically controls physical operations of the machine that it is embedded within, it often has real-time computing constraints. Embedded systems control many devices in common use today. Ninety-eight percent of all microprocessors manufactured are used in embedded systems.

Embedded systems range from portable devices such as digital watches and MP3 players, to large stationary installations like traffic light controllers, programmable logic controllers, and large complex systems like hybrid vehicles, medical imaging systems, and avionics. Complexity





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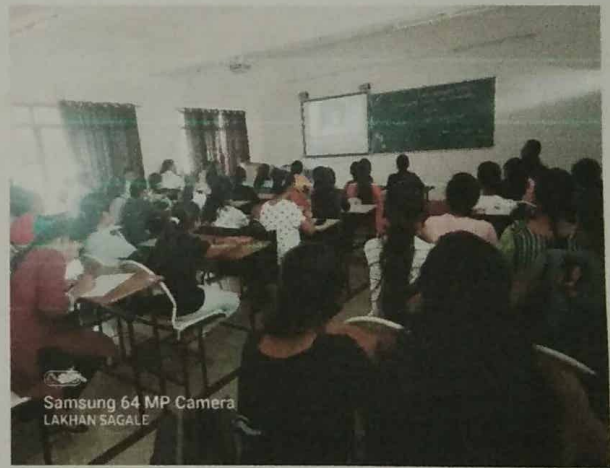
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varies from low, with a single microcontroller chip, to very high with multiple units, peripherals and networks mounted inside a large equipment rack.

Embedded System is the future. Every industry needs some artificial intelligence into it and artificial intelligence can be given by embedded systems only. No electronic product is without embedded systems in the market.

CONCLUSION: Since the embedded system is necessary for artificial intelligence. In the future, there must be good scopes that all must use and learn embedded system that helps in their knowledge and gain some new skills for getting some worthy job opportunities.

Photos during Webinar



Mr. Sujit Sakhare guiding offline students through ICT Tools.

Prof. P. S. Gham
Coordinator

Prof. Dr. S. I. Nipanikar
Coordinator

Prof. T. M. Dudhane
HOD E & TC

Prof. Dr. S. B. Patil
Principal

Head of Department

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EXPERT LECTURE REPORTDEPARTMENT: **E&TC**CLASS: SENAME OF GUEST/EXPERT: **Prof. Dr. Aniket A. Khandekar**FROM: **Zeal College of Engineering and Research Narhe, Pune, Maharashtra**TITLE/TOPIC: **“Control System”**DAY & DATE: 01/06/2021 to 05/06/2021DURATION OF SESSION: 5 DaysNUMBER OF PARTICIPANTS: 38CO-ORDINATOR: **Prof. Dr. S. I. Nipanikar, Prof. P. S. Gham**

OBJECTIVE: The main objective of the program is to guide students about how to construct a system that has a desirable response to standard inputs. A desirable transient response is one that is sufficiently fast without excessive oscillations. A desirable steady-state response is one that follows the desired output with sufficient accuracy.

DESCRIPTION: **Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune** has conducted Expert lecture on “Control Systems” a SE students of all branches to give information about “Control Systems”

If the output of control system for an input varies with respect to time, then it is called the **time response** of the control system. After applying input to the control system, output takes certain time to reach steady state. So, the output will be in transient state till it goes to a steady state. Therefore, the response of the control system during the transient state is known as **transient response**.

The first order control systems are not stable with the ramp and parabolic inputs because these responses go on increasing even at infinite amount of time. The first order control systems are stable with impulse and step inputs because these responses have bounded output. But, the impulse response doesn't have steady state term. So, the step signal is widely used in the time domain for analyzing the control systems from their responses.





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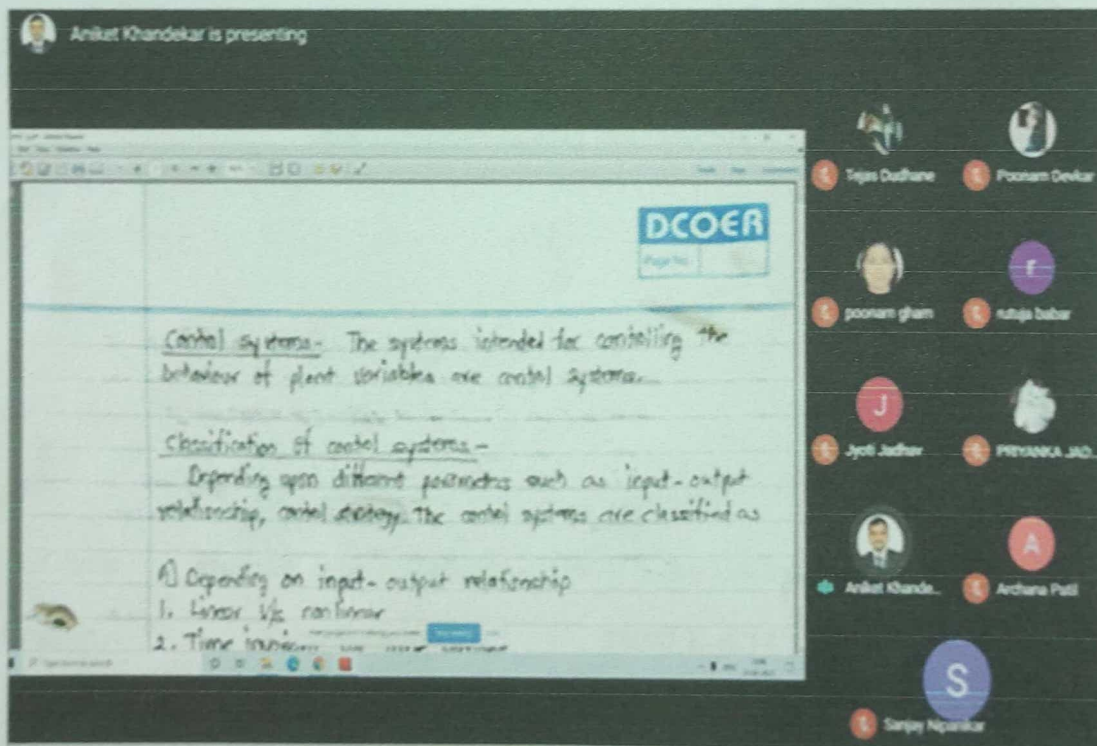
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A system whose input-output equation is a second order differential equation is called Second Order System. There are a number of factors that make second order systems important. They are simple and exhibit oscillations and overshoot. Higher order systems are based on second order systems

CONCLUSION: The expert lecture guided students to think about Standard input signals, Time response analysis of First Order Systems, Time response analysis of second order systems, etc. As well as students are able to understand applications of control system.

PHOTO'S DURING SESSION:



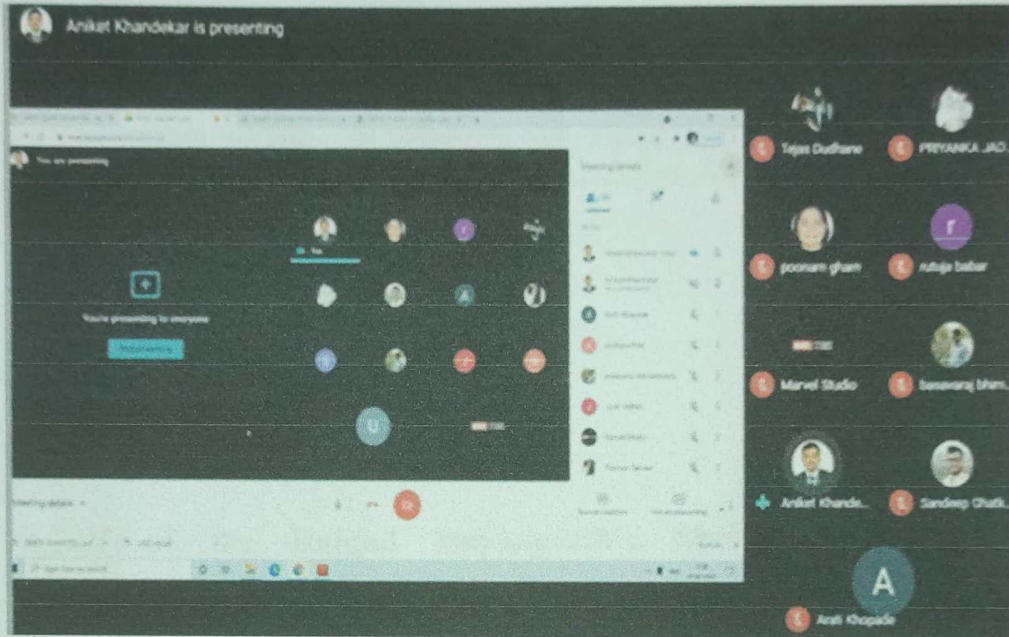
Prof. Dr. Aniket Khandekar guiding the webinar





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Participants during the webinar

Prof. P. S. Gham

Coordinator

Prof. Dr. S. I. Nipanikar

Coordinator

Prof. T. M. Dudhane

HODE &TC

Head of Department

Dept. of E& TC Engineering
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