



KALYANI CHARITABLE TRUST'S  
**LATE G. N. SAPKAL COLLEGE OF ENGINEERING**



Kalyani Hills, Anjaneri-Vadholi, Trimbakeshwar Road, Dist: Nashik - 422 212 (India)  
Tel.: +91 - 2594 - 220168/71, Fax : +91 - 2594 - 220174  
Website: www.sapkalknowledgehub.org, E-mail: gns\_engineering@sapkalknowledgehub.com

Ref No: KCT's/LGNSCOE/ESTT./2022-23/493

Date: 04/03/2023

## NOTICE

All the faculty members are hereby informed that the "Internal Quality Assurance Cell" (IQAC) has scheduled an expert session on "**CO-PO Mapping and Attainment**" on Monday, March 13, 2023, at 10.30 am, in anticipation of the second NAAC cycle.

### **Goals for the session:**

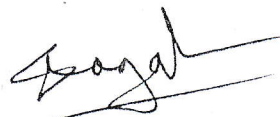
- To comprehend CO-PO Mapping, which involves connecting the programme outcomes (POs) for each lesson and evaluation with the course outcomes (Cos).
- To measure CO-PO attainment both directly and indirectly.

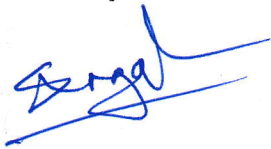
The following requirements must be met in order for faculty members to participate in the session:

- Result analysis for the subject taught in semester II of the academic year 2021-2022 (Marks attained by students in theory, term work, Or./Pr., etc.).
- A list of the subject's COs and POs

**Note:** Faculty members are urged to modify their schedules in order to be available for the session and refrain from taking any type of leave on the scheduled day.



  
**Prof. (Dr.) S.B. Bagal**  
Principal

  
**Prof. (Dr.) Sahebrao B. Bagal**  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.





## PROGRAM REPORT

**Title of the Program: A one day workshop on “CO-PO Mapping and Attainment”**

**Number of Day(s): 01**

**Date(s) of Conduction: 13/03/2023**

**Venue: LGNSCOE, Seminar Hall**

**Number of Participants: 50**

### **Program Objectives:**

1. To comprehend CO-PO Mapping, which ties the course outcomes (COs) to each lesson's programmed outcomes (POs) and evaluation (COs).
2. To assess CO-PO achievement by both direct and indirect measures

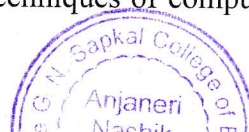
### **Name & Contact Details of the Resource Person(s):**

1. Dr. S. P. Awate Associate Professor  
(Mechanical Engineering Department) MVPS'S,KBTCOE, Nasik
2. Mr. R. S. Thakare Assistant Professor  
(Mechanical Engineering Department) MVPS'S,KBTCOE, Nasik

### **Description / Explanation of the Program:**

On March 13, 2023, the IQAC of LGNSCOE hosted a one-day workshop on CO-PO Mapping and Attainment in preparation for the NAAC second cycle. Dr. S. P. Awate gave a briefing on the NAAC criteria and the significance of CO-PO Mapping and Attainment in the first session. He talked about the mapping and achievement goals between the COs, POs, and PSOs.

He offered advice on how to match up a subject's COs, POs and PSOs. Prof. R. S. Thakare discussed the direct and indirect assessment techniques of computing CO and PO attainment






during the post-lunch session. The following session was organised to address the participants' questions.

### Outcome of the Talk / Event:

1. Faculty members will be able to map COs with POs and PSOs.
2. Faculty members will be able to evaluate CO-PO-PSO attainment.

### Photographs of the Event:

 **KALYANI CHARITABLE TRUST'S**  
**LATE G. N. SAPKAL COLLEGE OF ENGINEERING**  
Kalyani Hills, Anjaneri-Vadholi, Trimbakeshwar Road, Dist. Nashik - 422 212 (India)  
Tel: +91 - 2594 - 220168/71, Fax: +91 - 2594 - 220174  
Website: www.sapkalknowledgehub.org, E-mail: info@sapkalknowledgehub.com

Date: 04/03/2023

Ref No: KCT's/LGNSCOE/ESTT/2022-23/453

### NOTICE

All the faculty members are hereby informed that the "Internal Quality Assurance Cell" (IQAC) has scheduled a one day workshop on "**CO-PO Mapping and Attainment**" on Monday, March 13, 2023, at 10.30 am, in anticipation of the second NAAC cycle.


**Session wise goals:**


- Session-I: Awareness about NAAC, Bloom's Taxonomy, CO-PO-PSO mapping and attainment
- Session-II: To comprehend CO-PO Mapping, which involves connecting the programme outcomes (POs) for each lesson with the course outcomes (COs).
- Session-III: To measure CO-PO attainment both directly and indirectly.

The following requirements must be met in order for faculty members to participate in the session:

- Result analysis for the subject taught in semester II of the academic year 2021-2022 (Marks attained by students in theory, term work, Or./Pr., etc.).
- A list of the subject's COs and POs

**Note:** Faculty members are urged to modify their schedules in order to be available for all the sessions of the workshop and refrain from taking any type of leave on the scheduled day.



  
**Prof. (Dr.) S.B. Bagal**  
Principal

**Prof. (Dr.) Sahebrao B. Bagal**  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 212





**KALYANI CHARITABLE TRUST'S**  
**LATE G. N. SAPKAL COLLEGE OF ENGINEERING**

Kalyani Hills, Anjaneri-Vadholi, Trimbakeshwar Road, Dist: Nashik - 422 212 (India)  
 Tel.: +91 - 2594 - 220168/71, Fax : +91 - 2594 - 220174  
 Website: www.sapkalknowledgehub.org, E-mail: gns\_engineering@sapkalknowledgehub.com

## Internal Quality Assurance cell (IQAC)

**WELCOME**

**Dr.S.P Awate**

Associate Professor (Mechanical Engineering Department)  
 MVPS'S,KBTCOE,Nasik

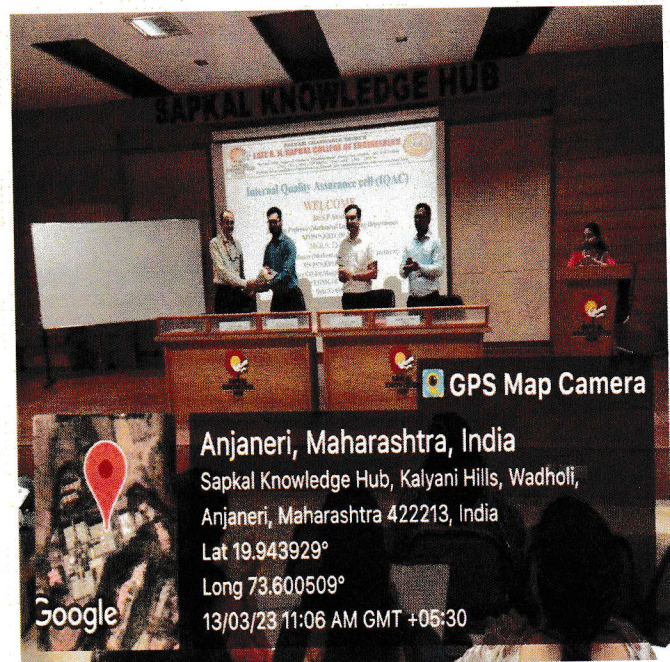
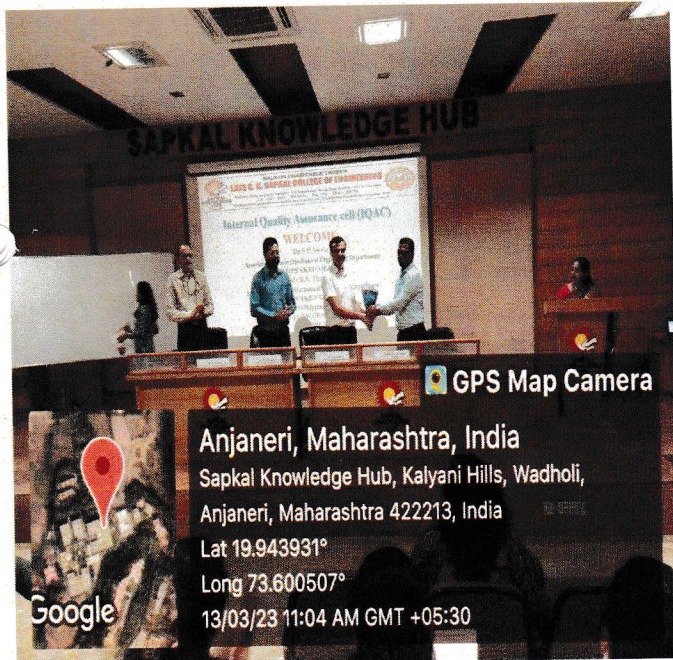
**Mr.R.S. Thakare**

Assistant Professor (Mechanical Engineering Department)  
 MVPS'S,KBTCOE, Nasik

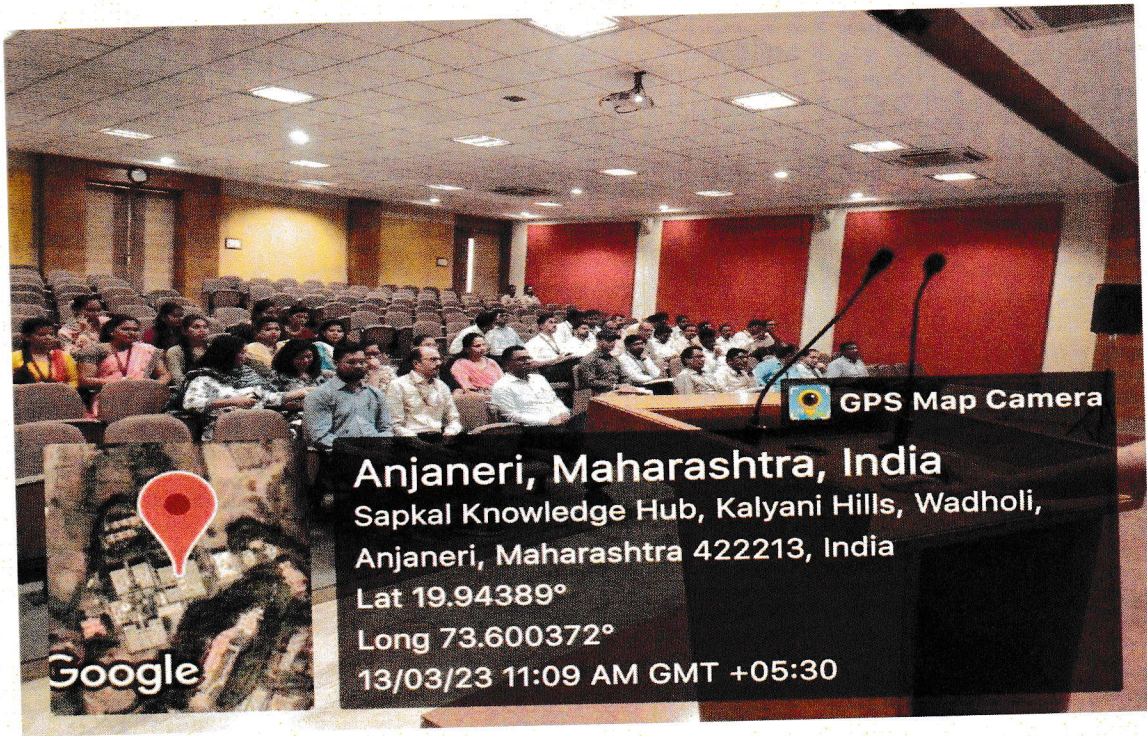
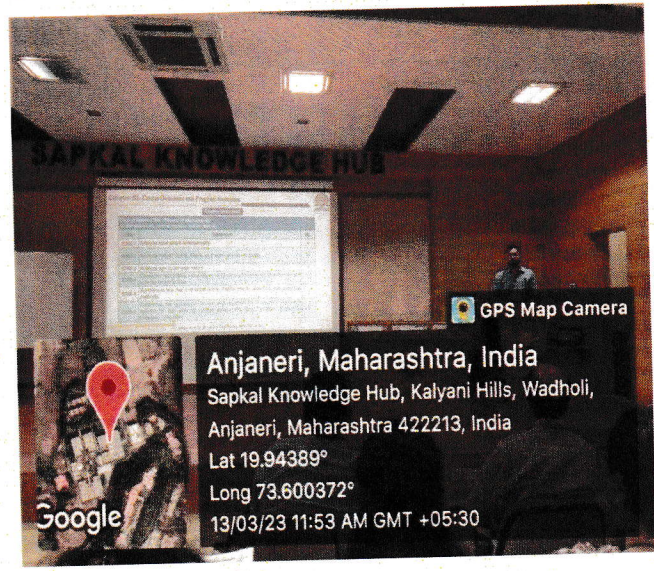
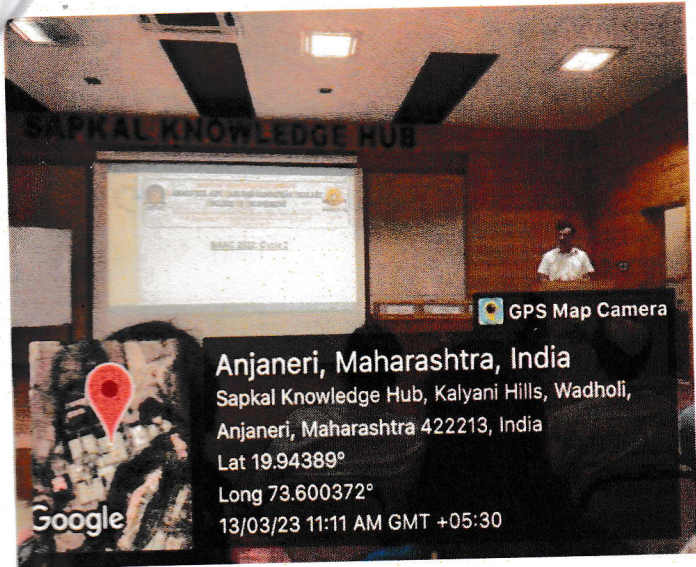
Session: CO-PO Mapping and Attainment

Venue: LGNSCOE, Seminar Hall


Date:13/03/2023






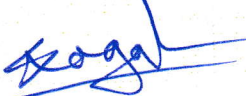


Name & Sign:

  
**Dr. V. A. Kolhe**  
 IQAC Co-ordinator



  
**Prof. Dr. N. R. Wankhade**  
 HOD Of Computer Engineering

  
**Prof. Dr. S. B. Bagal**  
 Principal  
**Prof.(Dr.) Sahebrao B. Bagal**  
 Principal





# Kalyani Charitable Trust's Late G. N. Sapkal College of Engineering

Kalyani Hills, Anjaneri, Trimbakeshwar Road,  
Nashik - 422 213



## FFEDBACK FORM – RESOURCE PERSON

We would appreciate if you could take a few minute to share your opinion with us.

Name of the Resource Person: Dr. S. P. Awate (Associate Prof.)

Mobile No: 9922956965 E-mail id: awate.svapw@kbtcoe.org

Name of the Affiliating Institute: MVPS's, KBTCE,

Address of the Affiliating Institute: Nashik

Title of the Talk: Co-PO Mapping of Attainment

Date(s) of Participation: From 13/03/23 to 13/03/23 Days: 01

Kindly tick mark (✓) in the relevant box below

Sr.	Performance Attributes	Rating									
1.	Involvement of the participants in the session	1	2	3	4	5	6	7	8	9	10
											✓
1 – Uninterested; 5 – Interested; 10 – Very Inquisitive											
2.	Nature of the event organized (Relevance to students / Academics)	1	2	3	4	5	6	7	8	9	10
											✓
1 – Moderately Relevant; 10 – Most Relevant											
3.	Infrastructural capacity of the organizing Department / Institute	1	2	3	4	5	6	7	8	9	10
											✓
1 – Insufficient; 5 – Sufficient; 10 – Excellent											
4.	Overall impact of the event on the participants	1	2	3	4	5	6	7	8	9	10
										✓	
1 – Beneficial; 5 – More Beneficial; 10 – Most Beneficial											
5.	Comments on the boarding and lodging facilities (if availed )	1	2	3	4	5	6	7	8	9	10
											✓
1 – Average; 5 – Good; 10 – Excellent											
6.	In near future how would you like to associate with the Students / Department / Institute?										
	Mentoring	✓	Infrastructure Sharing		Employment		Financial Support		All of the above		
7.	Comments / Suggestions:										
	.....										
	.....										
	.....										

*S. Awate*  
Signature of Resource Person



Please return this form to the Program Co-ordinator.



**FFEDBACK FORM – RESOURCE PERSON**

We would appreciate if you could take a few minute to share your opinion with us.

Name of the Resource Person: Mr. R. S. Thakare (Asst. Prof.)

Mobile No: 7588558889 E-mail id: thakare.raahul@kbtcoe.org

Name of the Affiliating Institute: MVPS's KBTCoE,

Address of the Affiliating Institute: Nashik

Title of the Talk: Co-PO Mapping & Attainment

Date(s) of Participation: From 13/03/23 to 13/03/23 Days: 01

Kindly tick mark (✓) in the relevant box below

Sr.	Performance Attributes	Rating										
		1	2	3	4	5	6	7	8	9	10	
1.	Involvement of the participants in the session											✓
		1 – Uninterested; 5 – Interested; 10 – Very Inquisitive										
2.	Nature of the event organized (Relevance to students / Academics)											✓
		1 – Moderately Relevant; 10 – Most Relevant										
3.	Infrastructural capacity of the organizing Department / Institute											✓
		1 – Insufficient; 5 – Sufficient; 10 – Excellent										
4.	Overall impact of the event on the participants											✓
		1 – Beneficial; 5 – More Beneficial; 10 – Most Beneficial										
5.	Comments on the boarding and lodging facilities (if availed )											✓
		1 – Average; 5 – Good; 10 – Excellent										
6.	In near future how would you like to associate with the Students / Department / Institute?											
	Mentoring	✓	Infrastructure Sharing		Employment		Financial Support		All of the above			
7.	Comments / Suggestions: ..... ..... .....											





Kalyani Charitable Trust's  
**Late G. N. Sapkal College of Engineering**

Kalyani Hills, Anjaneri, Trimbakeshwar Road,  
Nashik - 422 213



**FEEDBACK FORM - PARTICIPANTS**

Title of Program/Event: One day Workshop on "CO-PO Mapping Attainment"

Name of Participant: *Karninee R. Patil*

Name of Department: *Computer*

1.	Did you find the Workshop is useful?	1	2	3
				✓
		1.not useful; 2-To some Extend; 3-Very useful		
2.	Did it fulfil your expectations?	1	2	3
				✓
		1.not useful; 2-To some Extend; 3-Very useful		
3	Did the Workshop improve your knowledge about the topic discussed?	1	2	3
				✓
		1.not useful; 2-To some Extend; 3-Very useful		
4	Suggestion to further improvement:			

*Patil*  
Signature of Participant



Kalyani Charitable Trust's  
**Late G. N. Sapkal College of Engineering**

Kalyani Hills, Anjaneri, Trimbakeshwar Road,  
Nashik - 422 213



**FEEDBACK FORM - PARTICIPANTS**

Title of Program/Event: One day Workshop on "CO-PO Mapping Attainment"

Name of Participant: *Pooja D. Jadhav*

Name of Department: *Mech Engrg. Dept.*

1.	Did you find the Workshop is useful?	1	2	3
				✓
		1.not useful; 2-To some Extend; 3-Very useful		
2.	Did it fulfil your expectations?	1	2	3
				✓
		1.not useful; 2-To some Extend; 3-Very useful		
3	Did the Workshop improve your knowledge about the topic discussed?	1	2	3
				✓
		1.not useful; 2-To some Extend; 3-Very useful		
4	Suggestion to further improvement:			

*Jadhav*  
Signature of Participant

Date: *3/03/25*

Please return this form to the co-ordinator at the end of program.



Late. G. N. Sapkal College of Engineering

IQAC Programme Attendance Sheet

CO-PO Mapping & Attainment

Staff List 2022-23

Date : 13/03/2023

Sr. No.	Name of the Employee	Designation	Signature
27	Mr. Ravindra Uttam Pawar	Asst. Professor	
<b>COMPUTER DEPARTMENT</b>			
28	Ms. Devyani Deepak Sharma	Asst. Professor	
29	Ms. Shweta Dnyaneshwar Bagade	Asst. Professor	<i>Shweta</i>
30	Mrs. Varsha Chandrakant Satpute	Asst. Professor	<i>(SVP)</i>
31	Mr. Santoshchand Ramdayal Agrawal	Asst. Professor	<i>Santosh</i>
32	Mrs. Supriya Nilesh Thakur	Asst. Professor	<i>Supriya</i>
33	Mrs. Kaminee Ravindra Patil	Asst. Professor	<i>Patil</i>
34	Mrs. Vidya Amrutrao Khairnar	Asst. Professor	<i>(Vidya)</i>
35	Mr. Manoj Dyaneshwar Damahe	Asst. Professor	<i>M. Manoj - Com Dept</i>
<b>MECHANICAL DEPARTMENT</b>			
36	Mr. Jitendra Raghunath Mahajan	Asst. Professor	<i>Jitendra</i>
37	Mr. Chetan Prakash Shinde	Asst. Professor	<i>Shinde</i>
38	Mr. Parag Dashrath Jadhav	Asst. Professor	<i>Parag</i>
39	Mr. Kishor Wamanrao Kale	Asst. Professor	
40	Ms. Poonam R. Chakule (Talmale)	Asst. Professor	<i>Poonam</i>
41	Mr. Mahesh Vitthalrao Jadhav	Asst. Professor	<i>Mahesh</i>
42	Mr. Firoj Umraopbhai Pathan	Asst. Professor	<i>Pathan</i>
43	Mr. Rahul Rupchand Chaudhari	Asst. Professor	<i>Rudhrai</i>
44	Mr. Ashok Dharmaraj More	T.P.O/Asst. Professor	<i>Ashok</i>
45	Dr. Vikram Ashok Kolhe	Associate Professor/ Academic Dean/ IQAC Coordinator	<i>Vikram</i>
<b>APPLIED SCIENCE DEPARTMENT</b>			
46	Dr. Rajesh Kashinath Kasar	Physical Director	<i>Rajesh</i>
47	Mr. Rahul Vasantrao Shinde	Asst. Professor in Physics	<i>Rahul</i>
48	Mrs. Shital Rangrao Shinde	Asst. Professor in Mathematics	<i>Shital</i>
49	Mrs. Kirti Pankaj Deshmukh	Asst. Professor in Mathematics	<i>Kirti</i>
50	Ms. Tejaswini Laxman Jadhav	Asst. Professor in Chemistry	<i>Tejaswini</i>
51	Dr. Sanjay Ratan Kumavat	Asst. Professor in Chemistry	<i>Sanjay</i>

52. Mr. Navnath Mahale  
53. Mr. Aniruddha Patil

Civil, Technical Assistant - *Navnath*  
E & TC, Technical Assistant *Aniruddha*

Dr. Vikram Ashok Kolhe

Dr. Sahebrao B. Bagal

IQAC Coordinator

*(Signature)*



Principal

Prof. (Dr.) Sahebrao B. Bagal  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.



**Late. G. N. Sapkal College of Engineering**  
**IQAC Programme Attendace Sheet**  
**CO-PO Mapping & Attainment**  
**Staff List 2022-23**

Date : 13/03/2023

Sr. No.	Name of the Employee	Designation	Signature
<b>PRINCIPAL</b>			
1	Prof. (Dr.) Sahebrao Bhaurao Bagal	Principal	
<b>HOD</b>			
2	Prof. (Dr.) Sachin Sudhakar Harak	Professor/ Admin. Officer	
3	Prof. (Dr.) Nilesh Ramrao Wankhade	Professor (Computer Dept.)	
4	Prof. Tushar Yashawant Badgujar	Associate Professor ( Mechanical Dept.)	
5	Prof. Ravindra Narayan Baji	Associate Professor (Electrical Dept.)	
6	Prof. Sachin Baburao Borse	Associate Professor (E & TC Dept.)	
7	Prof. Sandeep Gulabrao Bagul	Asst. Professor (Fe Co-Ordinator)	
8	Prof. (Dr.) C. K. Sridhar	Professor (Civil Dept.)	
<b>ELECTRONIC &amp; TELECOMMUNICATION DEPARTMENT</b>			
9	Mrs. Manjusha Sachin Borse	Asst. Professor	
10	Mrs. Kavita Jitendra Mahajan	Asst. Professor	
11	Mr. Sachin Gulabrao Bagul	Asst. Professor	
12	Mrs. Hutashani R. Deshmane	Asst. Professor	
13	Ms. Jyosna L. Pingle	Asst. Professor	
14	Mr. Subhash Gokul Patil	Asst. Professor	
<b>CIVIL DEPARTMENT</b>			
15	Prof. (Dr.) Dayanand Pundlik Joshi	Professor	
16	Mr. Sachin Uttamrao Pagar	Asst. Professor	
17	Mr. Shailesh Jayprakash Pagar	Asst. Professor	
18	Mr. Anil Uttam Mankar	Asst. Professor	
19	Mr. Tushar Ramnath Shinde	Asst. Professor	
20	Ms. Madhuri Zhumbarlal Khairnar	Asst. Professor	
21	Mr. Kiran Manikrao Deore	Asst. Professor	
22	Mr. Pradeep Tulshidas Kumawat	Asst. Professor	
23	Mr. Bhushan Vilas Tatar	Asst. Professor	
<b>ELECTRICAL DEPARTMENT</b>			
24	Ms. Savita Suresh Tidke	Asst. Professor	
25	Mr. Pankaj Ravindra Gajare	Asst. Professor	
26	Mr. Santosh Namdeorao Hurdade	Asst. Professor	

Ms. Ashwini Santosh Kardile  
 Mrs. Sonali Jadhav

computer, Technical Assistant  
 computer, Technical Assistant