

Department of Computer Engineering

Remedial Class Record for Slow Learner

Sr.No	Academic Year	Semister	Particular
1	2022-2023	1	1. Notice 2. Time Table 3. Slow Learner Progress Report



Result Analysis 2022-2023

Sem:1st

Class:SE

Sr. No	Student Name	FDS	CG
		(70)	(70)
1	ARAJU MUBARAK SHAIKH	11	20
2	ATAK SHUBHAM MANGESH	12	21
3	CHACHE TEJAS RAMESH	09	09
4	CHAUDHARI GAYATRI KISHOR	29	33
5	DESHMUKH MINAL NARENDRA	30	37
6	DESHPANDE GAYATRI P	28	34
7	DEV SHAM JADHAV	28	22
8	GAIKWAD PALLAVI SOMNATH	28	28
9	GAIKWAD TANUJA SURYAKANT	54	32
10	GAWHANE PRIYA VILAS	46	36
11	GHULE NEHA SANTOSH	32	36
12	GUTTE ANJALI MAROTI	10	34
13	JADHAV NIPUN YOGESH	13	28
14	KALYANI SANJAY GHOGALE	29	29
15	KENGAR RUSHIKESH SANJAY	28	28
16	KHEDEKAR SULAKSHNA M	09	24
17	KULKARNI SUMEDH SUNIL	06	28
18	MECKENZIE WILSON SAMSON	07	17
19	MULLA KADARSAHAB G	07	16
20	NANEKAR MEGHARAJ J	29	30
21	NARKE AADITI PRABHAKAR	34	34
22	OMKAR VIKRAM GITE	28	33
23	ONKAR BALASO DIVEKAR	44	43
24	PANSARE VAISHNAVI SHAM	22	28
25	PATIL SHUBHAM VERSHIKET	28	28
26	PRIYA MANGESH CHAVAN	18	31
27	RIYA MANGESH CHAVAN	24	31
28	ROTE KIRAN PANDHARINATH	35	28
29	SALGAR SURAJ RAJESH	31	37
30	SANGME ADITYA SAYAJI	40	41
31	SHINDE SARTHAK RATANKUMAR	29	28
32	SOMWANSHI TUSHAR ASHOKRAO	37	33
33	SURVE RUTUJA ANIL	28	30
34	SWAMI ROHAN RAJKUMAR	34	36
35	WARBHUVAN NAMAN GAUTAM	28	28



Date: 20/04/2023

Notice

All the Students are hereby informed that Remedial classes for their respective subjects of semester-1 Scheduled from 14/04/2023 to 25/04/2023. The detailed time table is given below. All the Eligible Students should attend classes. Attendance is mandatory.

HOD

Prof. Soni R Ragho



Time Table

Day	Time	Subject	Staff Name
Monday	4:30PM to 6:00PM	CG	Prof.Priti T. Chorade
Tuesday	4:30PM to 6:00PM	CG	Prof.Priti T. Chorade
Wednesday	4:30PM to 6:00PM	CG	Prof.Priti T. Chorade
Thursday	4:30PM to 6:00PM	FDS	Prof.Soni R Ragho
Friday	4:30PM to 6:00PM	FDS	Prof.Soni R Ragho
Saturday	4:30PM to 6:00PM	FDS	Prof.Soni R Ragho



Remedial classes

ATTENDENCE

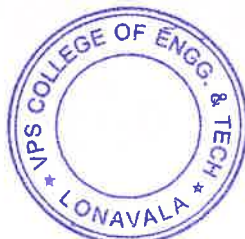
SUBJECT TEACHER:- Prof. Soni R. Raghoe

SUBJECT NAME : Fundamental Data Structures

YEAR/BRANCH : Second Year / Computer

SR. NO.	Students Name	13/04	20/04	27/04	27/04	28/04
1	ARAJU MUBARAK SHAIKH	P	P	P	P	P
2	ATAK SHUBHAM	A	P	P	P	P
3	CHACHE TEJAS RAMESH	P	P	P	P	A
4	GUTTE ANJALI MAROTI	P	A	A	P	P
5	JADHAV NIPUN YOGESH	P	P	P	A	P
6	KHEDEKAR SULAKSHNA	P	P	P	P	A
7	KULKARNI SUMEDH SUNIL	P	A	P	P	P
8	MECKENZIE WILSON	P	P	P	P	P
9	MULLA KADARSAHAB G	A	P	P	P	P
10	PANSARE VAISHNAVI	P	P	A	P	P
22	PRIYA MANGESH CHAVAN	P	A	P	P	P
12	RIYA MANGESH CHAVAN	A	P	P	P	P


Prof. S. R. Raghoe
SUBJECT TEACHER



Remedial classes


ATTENDENCE

SUBJECT TEACHER :- Prof. S. R. Raghoe

SUBJECT NAME : Fundamental Data Structures

YEAR/BRANCH : Second Year / Computer

SR. NO.	Students Name	29/04	4/05	6/05	11/05	12/05
1	ARAJU MUBARAK SHAIKH	P	P	A	P	P
2	ATAK SHUBHAM	P	P	P	P	P
3	CHACHE TEJAS RAMESH	A	P	P	P	P
4	GUTTE ANJALI MAROTI	P	P	P	P	A
5	JADHAV NIPUN YOGESH	P	P	P	P	P
6	KHEDEKAR SULAKSHNA	A	P	P	P	P
7	KULKARNI SUMEDH SUNIL	P	P	P	P	P
8	MECKENZIE WILSON	P	P	A	P	P
9	MULLA KADARSAHAB G	P	P	P	P	A
10	PANSARE VAISHNAVI	P	A	P	P	P
22	PRIYA MANGESH CHAVAN	P	P	P	P	P
12	RIYA MANGESH CHAVAN	P	P	P	P	P


SUBJECT TEACHER
Prof. S. R. Raghoe



Remedial classes

ATTENDENCE

SUBJECT TEACHER :- Prof. S. R. Raghoo

SUBJECT NAME : Fundamental Data Structures

YEAR/BRANCH : Second Year / Computer

SR. NO.	Students Name	13/05	18/05	19/05	20/5	22/05
1	ARAJU MUBARAK SHAIKH	P	P	P	A	P
2	ATAK SHUBHAM	P	P	A	P	P
3	CHACHE TEJAS RAMESH	P	P	A	A	A
4	GUTTE ANJALI MAROTI	P	A	P	P	P
5	JADHAV NIPUN YOGESH	P	P	P	P	P
6	KHEDEKAR SULAKSHNA	A	A	P	P	P
7	KULKARNI SUMEDH SUNIL	A	P	A	P	P
8	MECKENZIE WILSON	P	P	A	A	P
9	MULLA KADARSAHAB G	P	P	P	A	P
10	PANSARE VAISHNAVI	P	P	P	P	A
22	PRIYA MANGESH CHAVAN	A	A	P	P	A
12	RIYA MANGESH CHAVAN	P	P	P	A	P

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SUBJECT TEACHER

prof. S. R. Raghoo



QUESTION PAPER

Class	SE Computer	70
Name of the Subject	FDS	
Name of Faculty	Prof. Soni R Ragho	
Marks		
Time		2½ Hour s

Instructions to the candidates:

- 1) *Attempt Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8.*
- 2) *Figures to the right indicate full marks.*
- 3) *Neat diagrams must be drawn wherever necessary.*
- 4) *Assume Suitable data if necessary.*

Q.1.

- (a) Write pseudo C/C++ code to perform simple transpose of sparse matrix. [4]
- (b) State the characteristics of an algorithm. [2]
- (c) What is complexity analysis of an algorithm ? Explain the notations used in the complexity analysis. [5]

Or

Q.2.

- (a) What is sparse matrix ? Explain its representation with an example. [4]
- (b) Define : [5]
 - (i) ADT
 - (ii) Data structure.
- (c) Solve the recurrence relation : [6]

$$ar - 10ar - 1 + 9ar - 2 = 0$$

with initial conditions $a_0 = 3$ and $a_1 = 11$.

Q.3.

(a) Explain polynomial representation using linked list with an example. [3]

(b) Define : [3]

(i) Recursion

(ii) Stack

(iii) Linked List.

(c) Explain process of conversion of an infix expression to postfix expression using

stack : $A * (B - C) / E ^ F + G$ [6]

Or

Q.4.

(a) Explain use of backtracking in 4-Queen's problem. [4]

(b) Explain the concept of Generalized linked list. [2]

(c) Write pseudo C/C++ code to represent circular linked list as an ADT. [6].

Q.5.

(a) Write pseudo C/C++ code to implement a simple queue using linked list. [6]

(b) Explain Dequeue with the insert and delete operations performed on it. [7]

Or

Q.6

(a) Write pseudo C/C++ code to implement a circular queue using arrays. [6]

(b) What is Priority queue ? Describe the operations on priority queue and explain its applications. [7]

Q.7

(a) Write pseudo C/C++ code for radix sort. [6]

(b) Write an algorithm for searching an element using binary search. Discuss the time complexity of algorithm in best case and worst case. [7]

Or

Q.8.

(a) Explain insertion sort algorithm and sort the given list using insertion sort : [6]

7, 4, 10, 6, 3, 12, 1, 8, 2, 15, 9, 5.

(b) Explain merge sort algorithm using divide and conquer strategy with an example.

State its time complexity and space complexity. [7]



Subject Teacher

Prof. Soni R Ragho



HOD

Prof. Soni R Ragho

Remedial classes		
RESULT ANALYSIS		
SUBJECT TEACHER :-Prof.Soni R.Ragho		
SUBJECT NAME :Fundamental of Data Structures		
YEAR/BRANCH : Second Year / Computer		
Marks-70		
SR.NO.	Students Name	Marks
1	ARAJU MUBARAK SHAIKH	45
2	ATAK SHUBHAM MANGESH	51
3	CHACHE TEJAS RAMESH	53
4	GUTTE ANJALI MAROTI	57
5	JADHAV NIPUN YOGESH	47
6	KHEDEKAR SULAKSHNA M	41
7	KULKARNI SUMEDH SUNIL	52
8	MECKENZIE WILSON SAMSON	59
9	MULLA KADARSAHAB G	38
10	PANSARE VAISHNAVI SHAM	39
22	PRIYA MANGESH CHAVAN	43
12	RIYA MANGESH CHAVAN	43

Ragho

SUBJECT TEACHER



Remedial classes


ATTENDENCE

SUBJECT TEACHER :- Prof. P. T. Chorade

SUBJECT NAME : Computer Graphics


YEAR/BRANCH : Second Year / Computer

Sr. No.	Students Name	3/05	8/05	9/05	10/5	15/05
1	ARAJU MUBARAK SHAIKH	P	P	P	P	A
2	ATAK SHUBHAM	P	P	P	P	P
3	CHACHE TEJAS RAMESH	P	A	P	P	P
4	DEV SHAM JADHAV	P	P	P	A	P
5	KHEDEKAR SULAKSHNA	A	P	P	P	P
6	MECKENZIE WILSON	P	A	P	P	P
7	MULLA KADARSAHAB G	P	P	P	P	P


Prof. P. T. Chorade
SUBJECT TEACHER




Remedial classes						
ATTENDENCE						
SUBJECT TEACHER :- Prof. P. T. Chorade						
SUBJECT NAME : Computer Graphics						
YEAR/BRANCH : Second Year / Computer						
Sr. No.	Students Name	19/04	20/04	25/04	26/04	2/05
1	ARAJU MUBARAK SHAIKH	P	P	P	P	A
2	ATAK SHUBHAM	P	P	P	P	P
3	CHACHE TEJAS RAMESH	P	P	P	A	P
4	DEV SHAM JADHAV	P	P	P	P	P
5	KHEDEKAR SULAKSHNA	A	P	P	P	P
6	MECKENZIE WILSON	P	P	A	P	P
7	MULLA KADARSAHAB G	P	P	P	P	A


 Prof. P. T. Chorade
 SUBJECT TEACHER



Remedial classes						
ATTENDENCE						
SUBJECT TEACHER :- Prof. P. T. Chorade						
SUBJECT NAME : Computer Graphics						
YEAR/BRANCH : Second Year / Computer						
Sr. No.	Students Name	10/04	11/04	12/04	17/04	18/04
1	ARAJU MUBARAK SHAIKH	P	P	A	P	P
2	ATAK SHUBHAM	A	P	P	A	P
3	CHACHE TEJAS RAMESH	A	P	P	P	P
4	DEV SHAM JADHAV	P	P	A	P	P
5	KHEDEKAR SULAKSHNA	P	P	P	P	P
6	MECKENZIE WILSON	P	P	A	P	P
7	MULLA KADARSAHAB G	P	P	P	P	A


 Prof. P. T. Chorade
 SUBJECT TEACHER



QUESTION PAPER

Class	SE Computer	70
Name of the Subject	CG	
Name of Faculty	Prof. Priti T.Chorade	
Marks		
Time		2½ Hours

Instructions to the candidates:

- 1) Attempt Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8.***
- 2) Figures to the right indicate full marks.***
- 3) Neat diagrams must be drawn wherever necessary.***
- 4) Assume Suitable data if necessary.***

Q1)

- a) Differentiate between Orthographic Projection and Isometric Projection. **[5]**
- b) What is transformation and write transformation matrix for: **[5]**
- i) 3D translation using homogenous coordinate system
 - ii) 3-D rotation about X-axis.
- c) Consider the square A (1, 0), B(0, 0), C(0, 1), D (1, 1). Rotate the square ABCD by 45° anticlockwise about point A (1,0) **[8]**

OR

Q2)

- a) What are the types of projection and write in brief about each type of projections. **[5]**
- b) Derive 3D transformation matrix for rotation about a principal axis. **[5]**

c) A triangle is defined by

2 4 4

2 2 4

Find transformed coordinates after the following transformation.

[8]

i) 90° rotation about the origin.

ii) Reflection about line X=Y

Q3)

a) What is Backface? Explain Backface Detection and removal.

[6]

b) Explain and compare point source and diffuse illumination.

[5]

c) Compare RGB and HSV color model

[6]

OR

Q4)

a) Write short note on Painters Algorithm

[6]

b) Explain Halftone shading

[5]

c) Explain the following terms with examples.

[6]

i) Colour gamut

ii) Specular Reflection

iii) Diffuse reflection

Q5)

a) Write a short note on interpolation and approximation.

[4]

b) Explain Blending function for B-spline curve.

[7]

c) What are fractals? Explain Triadic Koch in detail.

[7]

OR

Q6)

a) Explain the Bezier curve. Enlist its properties.

[4]

b) Draw and explain Hilbert's curve with an example

[7]

c) With suitable example write short note on the fractal lines.

[7]

Q7)

a) Explain deletion of segment with suitable example.

[7]

b) What is Morphing and write the applications of Morphing.

[3]

c) Draw block diagram of NVIDIA workstation and explain it in brief.

[7]

OR

Q8)

a) Write a short note on motion specification method based on. [7]

i) Geometric and kinematics information.

ii) Animation languages

b) Write any three important features of NVIDIA gaming platform [3]

c) Explain renaming of a segment with suitable example. [7]



Subject Teacher

Prof. Priti T. Chorade



HOD

Prof. Soni R Ragho

Remedial classes		
Result Analysis		
SUBJECT TEACHER :-Prof.Priti T.Chorade		
SUBJECT NAME :Computer Graphics		
YEAR/BRANCH : Second Year / Computer		
Marks-70		
Sr.No.	Students Name	Marks
1	ARAJU MUBARAK SHAIKH	45
2	ATAK SHUBHAM MANGESH	49
3	CHACHE TEJAS RAMESH	39
4	DEV SHAM JADHAV	53
5	KHEDEKAR SULAKSHNA M	37
6	MECKENZIE WILSON SAMSON	41
7	MULLA KADARSAHAB G	45


SUBJECT TEACHER



Department of Mechanical Engineering

Remedial Class Record for Slow Learner

Sr. No	Academic Year	Semester	Particular
1.	2022-2023	I	1. Notice 2. Time Table 3. Result Analysis 4. Attendance 5. Unit Test Details 6. Slow Learner Progress Report




Date: 05/04/2023


Notice

All the Students are hereby informed that Remedial classes for their respective subjects of Semester-I Scheduled from 10/04/2023 to 20/05/2023. The detailed time table is given below. All the Eligible Students should attend classes.

NOTE: Attendance is mandatory.


Class Incharge
Prof. T.S. Hulavale




HOD
Mechanical Department

Time Table:

Day	Time	Subject	Staff Name
Monday	4:30PM to 6:00PM	Solid Mechanics	Dr. Harish Harsurkar
Tuesday	4:30PM to 6:00PM	Solid Mechanics	Dr. Harish Harsurkar
Wednesday	4:30PM to 6:00PM	Engineering Materials & Metallurgy	Prof. Tanuja Hulavale
Thursday	4:30PM to 6:00PM	Engineering Materials & Metallurgy	Prof. Tanuja Hulavale
Friday	4:30PM to 6:00PM	Engineering Materials & Metallurgy	Prof. Tanuja Hulavale
Saturday	4:30PM to 6:00PM	Solid Mechanics	Dr. Harish Harsurkar



Result Analysis (A.Y. 2022-2023)

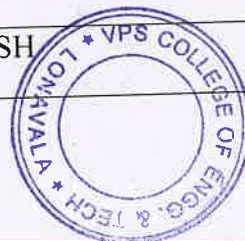
SEM: III

CLASS: SE

Sr. No	Student Name	SM	EMM
		(70)	(70)
S191210801	PALAN KEVAL MANOJ	06	11
S191210802	AKASH BHIMRAO ALDAR	14	13
S191210803	ANANDA KRUSHNA ALDAR	06	13
S191210804	AVHAD NIKESH BHASKAR	10	20
S191210805	BADHE GUNJAN MADHUKAR	-	16
S191210806	BIDKAR SUMIT ROHIDAS	14	22
S191210807	BODAKE SANDESH RAMESH	15	15
S191210808	CHAVAN SURAJ PRAKASHRAO	13	08
S191210809	FULWADE POOJA MARUTI	19	17
S191210810	GADE AVADHUT ASHOK	20	16
S191210811	GAIKWAD NIKHIL RAOSAHEB	07	09
S191210812	GAWADE SADANAND BHUJANG	01	12
S191210813	GIRIJA AABASO LOHAR	20	-
S191210814	GOMARE GOVIND PUNDLIK	07	21
S191210815	HADKE RAHUL SURESH	12	15
S191210816	HEMBADE SHUBHAM SUBHASH	04	11
S191210817	ISHTE VIKAS MAHADU	00	-
S191210818	JADHAV JAYANT CHANGDEV	06	13
S191210819	JADHAV SANDESH SURESH	09	13
S191210820	JADHAV SOURABH VASANT	01	09



Sr. No	Student Name	SM	EMM
		(70)	(70)
S191210821	JAYESH JAYWANT DHADAVE	11	16
S191210822	KADAM GANESH TRIYAMBAK	09	15
S191210823	KAMBLAJKAR DNYANESHWAR AVADHUT	11	15
S191210824	KAMTHE LALIT TUKARAM	11	14
S191210825	KARANDE SAMSHER YASHWANT	17	13
S191210826	KHARADE ATUL MAHADEV	18	17
S191210827	KUMBHAR ROHAN SHRIKANT	15	17
S191210828	LOKHANDE OMKAR VIJAY	20	17
S191210829	MAHANGADE MAHESH SOPAN	14	20
S191210830	MALUSARE RAJKUMAR RAGHU	16	19
S191210831	MANDALE SAGAR KHANDU	05	08
S191210832	MANJREKAR ANIKET ARVIND	14	17
S191210833	MASKE AMAY MAHADEV	15	-
S191210834	MAYOOR RAJESH BHARGAVAN	20	-
S191210835	MHATRE SAGAR RAMCHANDRA	-	14
S191210836	MISHRA ABHISHEK RAMBHU	AB	AB
S191210837	MUJAWAR AMAAN NAZIR	07	09
S191210838	NITIN BABRUWAN HARE	07	12
S191210839	OMKAR SUBHASH RAO	21	21
S191210840	PATEL SAHIL PAIGAMBAR	09	16
S191210841	PATIL BHUSHAN SUNIL	11	16
S191210842	PATIL RITIK GOKUL	11	18
S191210843	PATIL RUSHIKESH MANGESH	15	16



Sr. No	Student Name	SM	EMM
		(70)	(70)
S191210844	PEDATE GANESH GOVIND	15	18
S191210845	QUADRI SAYYED RUHAAN SAYYED MUBIN	-	19
S191210846	RAHUL TILEKAR	-	16
S191210847	RAJKUMAR PANDIT CHIMANE	22	13
S191210848	RAKSHE ROHIT SURYAKANT	20	10
S191210849	ROHIT KUMAR KUSHWAHA	20	16
S191210850	RUSHIKESH KISHOR PARDESHI	24	17
S191210851	SACHIN SHRIKANT NAIKARE	-	17
S191210853	SANDESH YASHWANT KADAM	17	19
S191210854	SARAWADE SHWETA GANESH	14	20
S191210855	SAURABH	14	-
S191210857	SAWANT VINAYAK ANANDA	12	18
S191210858	SHAILESH HARIBA NAIK	10	21
S191210859	SHIDORE VISHAL SUBHASH	14	18
S191210860	SHINGARE VINEET ANDRES	10	15
S191210861	SHIRKE SHASHIKANT DHARMRAJ	09	19
S191210862	SHREERAM RAMESH GIRI	19	-
S191210863	SHRIDHAR ARVIND DESHPANDE	07	-
S191210864	SONAR AMEY VILAS	03	14
S191210865	SONAWANE NITIN SURESH	09	20
S191210866	SOSHTE DIVESH SHIRDHAR	-	19
S191210867	SUMESH ANIL PATIL	-	23



Sr. No	Student Name	SM	EMM
		(70)	(70)
S191210869	TAMBE OMKAR NAVANATH	AB	AB
S191210870	TANWADE KIRAN RAMKISAN	-	18
S191210871	TEJAS NAGNATH KORE	-	18
S191210872	THORVE OMKAR KRISHNA	24	19
S191210873	WAGH ONKAR RAMDAS	00	00
S191210874	WAGH RITIK PURUSHOTAAM	12	18
S191210875	WAGHOLE SAURABH BALASAHEB	12	20
S191210876	YELWANDE SURAJ VISHNU	16	-

Hulavale
Class Incharge
Prof. T.S. Hulavale



HOD
HOD
Mechanical Department

Sr. No.	Students Name	10/04	11/04	15/04	18/04	02/05	02/05	09/05	15/05	16/05	20/05
21	JAYESH JAYWANT DHADAVE	P	P	A	P	P	P	P	P	A	P
22	KADAM GANESH TRIYAMBAK	P	A	P	P	P	P	A	P	P	P
23	KAMBLAJKAR DNYANESHWAR AVADHUT	P	P	P	P	P	A	A	P	P	A
24	KAMTHE LALIT TUKARAM	P	P	A	P	P	A	P	P	P	A
25	KARANDE SAMSHER YASHWANT	P	A	P	A	P	P	P	P	P	A
26	KHARADE ATUL MAHADEV	P	A	A	P	P	P	P	P	P	A
27	KUMBHAR ROHAN SHRIKANT	P	P	P	P	P	A	P	A	A	P
28	LOKHANDE OMKAR VIJAY	P	P	P	P	P	P	P	P	A	A
29	MAHANGADE MAHESH SOPAN	P	P	P	P	A	P	A	P	P	P
30	MALUSARE RAJKUMAR RAGHU	P	P	P	P	P	P	P	P	P	P
31	MANDALE SAGAR KHANDU	P	P	P	P	A	A	P	P	P	P
32	MANJREKAR ANIKET ARVIND	P	P	A	P	A	P	P	P	P	P
35	MHATRE SAGAR RAMCHANDRA	P	P	A	P	A	P	P	P	P	P
36	MISHRA ABHISHEK RAMBHU	P	P	A	P	A	P	P	P	P	A
37	MUJAWAR AMAAN NAZIR	P	P	A	P	P	P	A	P	P	A
38	NITIN BABRUWAN HARE	P	P	P	P	A	P	P	A	P	P
39	OMKAR SUBHASH RAO	P	P	P	P	P	P	P	P	P	A
40	PATEL SAHIL PAIGAMBAR	P	P	P	P	P	A	P	P	P	A
41	PATIL BHUSHAN SUNIL	P	A	P	P	A	P	P	P	P	P
42	PATIL RITIK GOKUL	P	P	P	P	A	P	A	P	A	P
43	PATIL RUSHIKESH MANGESH	A	P	P	A	A	P	P	P	P	P
44	PEDATE GANESH GOVIND	A	P	P	P	P	A	P	P	P	P
45	QUADRI SAYYED RUHAAN SAYYED MUBIN	P	A	P	A	P	P	P	P	P	A



Sr. No.	Students Name	10/09	11/09	15/09	18/09	29/09	02/10	09/10	15/10	16/10	22/10
46	RAHUL TILEKAR	P	P	P	P	P	P	P	P	P	P
47	RAJKUMAR PANDIT CHIMANE	P	P	A	P	P	P	P	A	P	A
48	RAKSHE ROHIT SURYAKANT	A	P	P	P	A	P	P	P	P	A
49	ROHIT KUMAR KUSHWAHA	A	P	P	P	P	P	A	P	P	P
50	RUSHIKESH KISHOR PARDESHI	P	P	P	P	A	P	A	P	P	A
51	SACHIN SHRIKANT NAIKARE	P	P	P	P	P	A	P	A	P	P
52	SANDESH YASHWANT KADAM	P	A	P	P	P	P	P	A	P	P
53	SARAWADE SHWETA GANESH	P	P	P	P	A	P	A	P	P	P
55	SAWANT VINAYAK ANANDA	P	A	P	P	A	A	P	P	P	P
56	SHAILESH HARIBA NAIK	P	P	P	P	P	P	P	P	P	A
57	SHIDORE VISHAL SUBHASH	P	P	P	P	P	P	P	P	P	P
58	SHINGARE VINEET ANDRES	P	P	A	P	P	P	A	P	P	A
59	SHIRKE SHASHIKANT DHARMRAJ	P	P	P	P	P	P	A	P	P	P
62	SONAR AMEY VILAS	A	P	P	P	A	P	P	P	P	P
63	SONAWANE NITIN SURESH	A	A	P	P	P	P	P	P	A	P
64	SOSHTE DIVESH SHIRDHAR	P	P	P	P	P	P	P	P	P	A
65	SUMESH ANIL PATIL	P	P	A	P	P	P	P	A	P	P
66	TAMBE OMKAR NAVANATH	P	P	P	P	P	P	P	P	P	A
67	TANWADE KIRAN RAMKISAN	P	P	P	A	P	P	P	P	A	P
68	TEJAS NAGNATH KORE	A	P	P	P	P	P	P	A	P	A
69	THORVE OMKAR KRISHNA	P	P	P	P	P	P	A	P	A	P
70	WAGH ONKAR RAMDAS	P	A	P	P	P	A	P	A	P	P
71	WAGH RITIK PURUSHOTAAM	A	P	P	P	P	P	P	A	P	A
72	WAGH ONKAR RAMDAS	A	P	P	P	P	P	P	P	A	P
73	WAGH RITIK PURUSHOTAAM	A	P	P	A	P	P	P	P	P	P

Remedial classes(A.Y 2022-23)

ATTENDANCE SHEET

SUBJECT TEACHER :-Prof. Tanuja Hulavale

SUBJECT NAME : Engineering Materials & Metallurgy

YEAR/BRANCH : SE / Mechanical

Sr. No.	Students Name	12/09	13/09	19/09	20/09	27/09	24/09	11/10	12/10	18/10	19/10
1	PALAN KEVAL MANOJ	P	P	P	P	P	P	A	A	P	P
2	AKASH BHIMRAO ALDAR	P	A	P	P	A	P	P	P	P	P
3	ANANDA KRUSHNA ALDAR	A	P	P	P	P	P	A	A	P	P
4	AVHAD NIKESH BHASKAR	A	P	P	P	P	P	P	P	P	P
5	BADHE GUNJAN MADHUKAR	P	P	A	P	P	P	A	P	A	A
6	BIDKAR SUMIT ROHIDAS	P	A	P	P	P	P	P	P	P	P
7	BODAKE SANDESH RAMESH	P	P	P	P	P	A	P	P	P	P
8	CHAVAN SURAJ PRAKASHRAO	P	P	P	A	P	P	P	P	P	A
9	FULWADE POOJA MARUTI	P	P	A	P	P	P	A	P	P	P
10	GADE AVADHUT ASHOK	P	A	P	P	P	P	P	P	A	P
11	GAIKWAD NIKHIL RAOSAHEB	P	P	P	P	P	A	P	P	A	P
12	GAWADE SADANAND BHUJANG	P	P	P	P	P	P	A	P	P	P
14	GOMARE GOVIND PUNDLIK	A	P	P	P	P	P	P	P	P	P
15	HADKE RAHUL SURESH	P	P	P	P	A	P	P	A	A	P
16	HEMBADE SHUBHAM SUBHASH	P	P	P	A	P	P	P	P	A	A
18	JADHAV JAYANT CHANGDEV			P	P	P	A	P	P	P	P
19	JADHAV SANDESH SURESH	A	P	P	P	P	P	A	P	P	A
20	JADHAV SOURABH VASANT	P	P	P	P	P	P	P	A	P	P

Sr. No.	Students Name	12/09	13/09	19/09	20/09	27/09	04/10	11/10	12/10	18/10	19/10
46	RAHUL TILEKAR	P	P	P	P	A	P	P	A	P	P
47	RAJKUMAR PANDIT CHIMANE	P	P	A	P	P	P	P	P	A	P
48	RAKSHE ROHIT SURYAKANT	P	P	A	P	P	P	P	A	P	P
49	ROHIT KUMAR KUSHWAHA	A	P	A	P	P	P	P	A	P	P
50	RUSHIKESH KISHOR PARDESHI	A	P	A	P	P	P	P	P	P	A
51	SACHIN SHRIKANT NAIKARE	P	A	P	P	P	P	P	P	P	P
52	SANDESH YASHWANT KADAM	P	P	P	P	P	A	P	P	P	P
53	SARAWADE SHWETA GANESH	P	P	P	P	P	P	A	P	A	P
55	SAWANT VINAYAK ANANDA	P	P	P	P	A	P	P	A	P	A
56	SHAILESH HARIBA NAIK	P	P	P	A	P	A	P	P	P	P
57	SHIDORE VISHAL SUBHASH	A	P	P	P	P	P	P	A	P	A
58	SHINGARE VINEET ANDRES	A	P	P	P	P	P	P	A	P	P
59	SHIRKE SHASHIKANT DHARMRAJ	P	P	P	A	P	P	P	P	P	A
62	SONAR AMEY VILAS	P	P	P	P	P	P	A	P	P	P
63	SONAWANE NITIN SURESH	P	P	P	P	P	P	A	A	P	P
64	SOSHTE DIVESH SHIRDHAR	P	P	P	P	P	P	A	A	P	P
65	SUMESH ANIL PATIL	P	P	P	P	P	P	P	P	A	P
66	TAMBE OMKAR NAVANATH	P	P	P	P	P	P	P	P	A	P
67	TANWADE KIRAN RAMKISAN	P	P	P	P	P	P	P	P	P	P
68	TEJAS NAGNATH KORE	A	P	A	P	P	P	P	P	A	P
69	THORVE OMKAR KRISHNA	P	P	P	P	A	P	A	P	P	P
70	WAGH ONKAR RAMDAS	P	P	A	A	P	P	P	P	P	P
71	WAGH RITIK PURUSHOTAAM	A	P	A	P	P	P	P	P	P	P
72	WAGH ONKAR RAMDAS	A	P	P	P	P	P	P	P	P	A
73	WAGH RITIK PURUSHOTAAM	A	P	A	P	P	P	P	P	P	A

Date: 05/04/2023

Notice

All the Students are hereby informed that Remedial class Unit Test is scheduled from 25/05/2023 to 26/05/2023. The detailed time table is given below.

Date	Time	Subject
25/05/2023	10.00 AM To 12.30 PM	Solid Mechanics
26/05/2023	10.00 AM To 12.30 PM	Engineering Materials And Metallurgy

NOTE: Attendance is mandatory.



Hulavale
05/04/2023
Class Incharge
Prof. T.S. Hulavale



HOD

Mechanical Department

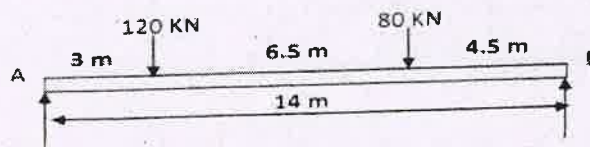
DEPARTMENT OF MECHANICAL ENGINEERING

Subject: SOLID MECHANICS

[Time: 2½ Hours]

[Max. Marks: 70]

1. A cast iron pipe of internal diameter 450 mm is 15 mm thick and is supported on a span of 8 m. Find the maximum stress in the pipe when it is full of water. Take specific weight of cast iron = 71600 N/m³ and that of water = 9810 N/m³ [9]
2. A horizontal girder of steel having uniform section is 14 meters long and is simply supported at its ends. It carries concentrated loads of 120 kN and 80 kN at two points 3 meters and 4.5 meters from the two ends respectively. I for the section of the girder is 16×10⁸ mm⁴ and $E_s = 210 \text{ kN/mm}^2$. Calculate the deflections of the girder at points under the two loads. Find also the maximum deflection. [9]



3. A square column of wood is 2.5 m long with pinned ends. Taking a factor of safety of 2.5 in computing Euler critical load and also taking the allowable compressive stress as 12 N/mm², find the size of the crosssection, if the column has to safety support, i) 150 kN ii) 275 kN. Take $E = 1.3 \times 10^4 \text{ N/mm}^2$. [7]
4. Find the greatest length of a mild steel rod 25 mm X 25 mm which can be used as a compression member with one end fixed and the other end free to carry a working load of 35 kN. Allow a factor of safety of 4. Take $\alpha = 1/7500$ and $f_c = 320 \text{ N/mm}^2$ [7]



5. A rectangular block of material is subjected to stresses on perpendicular faces as shown in figure 4.

Using Mohr's circle of stress, find

[9]

- i) The normal and shear stresses on a plane for which $\theta = 30^\circ$.
- ii) The magnitude of the principal stresses and the inclination of the planes on which principal stresses act

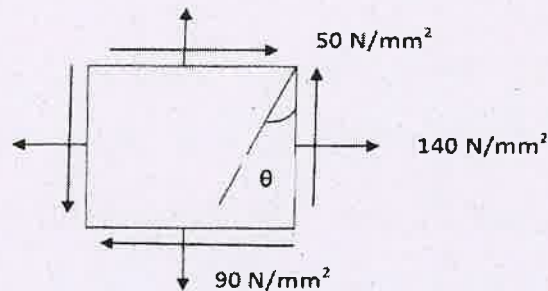
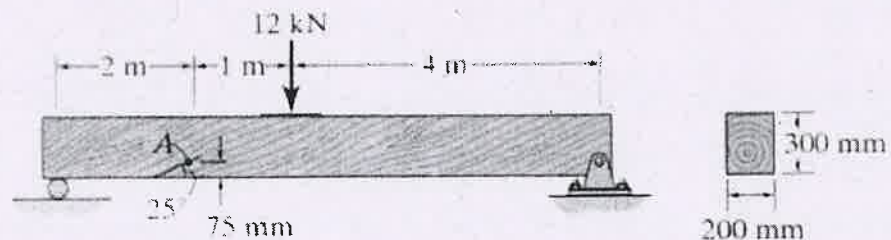


figure 4

6. The wood beam is subjected to a load of 12 kN. Determine the principal stress at point A and specify the orientation of the element. [7]



7. A hollow rectangular section is having external size 600 mm × 550 mm and internal size 500 mm × 450 mm. It carries a vertical load of 110 kN at the outer edge of the column on X-axis. Calculate maximum and minimum intensities of stress in the section. Assume 600 mm side horizontal. [7]



8. An axial pull of 25 kN along with a shear force of 20 kN is applied to a circular bar of 20 mm diameter. The elastic limit of the bar material is 250 MPa and Poisson's ratio, $\mu = 0.3$. Determine the factor of safety against failure based on: [9]
- Maximum shear stress theory
 - ii) Maximum strain energy theory iii) Maximum principal strain energy theory iv) Maximum shear strain energy theory
9. At a point in a strained material, there are two mutually perpendicular stresses of 30 MPa and 70 MPa, both tensile. They are accompanied by a shear stress of 20 MPa. Determine principal plane and principal stresses. Use Mohr's stress circle method only. What is Aluminium's crystal structure? Give the composition, at least one property and use of the Aluminium Alloys listed below. [8]
10. A composite shaft consist of copper rod of 20 mm diameter enclosed in a steel tube of 60 mm external diameter and 20 mm thick. The shaft is required to transmit to torque of 1200 Nm. Determine the shear stresses developed in the copper and steel if both the shaft have equal length and welded to a plate at each end so that their twists are equal take modulus of rigidity for steel as twice that copper. [7]



Remedial Class Unit Test (A.Y 2022-23)

ATTENDENCE SHEET

Subject Name : Dr. Harish Harsurkar (Solid Mechanics)

Year/Branch : SE / Mechanical

Date: 25/05/2023

Sr. No.	Students Name	Marks	Sign
1	PALAN KEVAL MANOJ	35	
2	AKASH BHIMRAO ALDAR	32	
3	ANANDA KRUSHNA ALDAR	38	
4	AVHAD NIKESH BHASKAR	40	
5	BIDKAR SUMIT ROHIDAS	45	
6	BODAKE SANDESH RAMESH	50	
7	CHAVAN SURAJ PRAKASHRAO	40	
8	FULWADE POOJA MARUTI	42	
9	GADE AVADHUT ASHOK	50	
10	GAIKWAD NIKHIL RAOSAHEB	52	
11	GAWADE SADANAND BHUJANG	35	
12	GIRIJA AABASO LOHAR	40	
14	GOMARE GOVIND PUNDLIK	55	
15	HADKE RAHUL SURESH	52	
16	HEMBADE SHUBHAM SUBHASH	56	
18	ISHTE VIKAS MAHADU	30	
19	JADHAV JAYANT CHANGDEV	30	
20	JADHAV SANDESH SURESH	40	
21	JADHAV SOURABH VASANT	45	



Sr. No.	Students Name	Marks	Sign
22	JAYESH JAYWANT DHADAVE	45	
23	KADAM GANESH TRIYAMBAK	35	<u>Kanethkar</u>
24	KAMBLAJKAR DNYANESHWAR AVADHUT	45	<u>Avadhut</u>
25	KAMTHE LALIT TUKARAM	30	<u>Kamthe</u>
26	KARANDE SAMSHER YASHWANT	50	<u>Yashwant</u>
27	KHARADE ATUL MAHADEV	50	<u>Atul</u>
28	KUMBHAR ROHAN SHRIKANT	45	<u>Rohan</u>
29	LOKHANDE OMKAR VIJAY	45	<u>Omkar</u>
30	MAHANGADE MAHESH SOPAN	50	<u>M.M.S</u>
31	MALUSARE RAJKUMAR RAGHU	65	<u>Raghu</u>
32	MANDALE SAGAR KHANDU	60	<u>Mandale Sagar</u>
33	MANJREKAR ANIKET ARVIND	58	<u>Aniket</u>
32	MASKE AMAY MAHADEV	58	<u>Mahadev</u>
33	MAYOOR RAJESH BHARGAVAN	62	<u>Bhargavan</u>
34	MISHRA ABHISHEK RAMBHU	57	<u>Mishra</u>
35	MUJAWAR AMAAN NAZIR	40	<u>Amaan</u>
36	NITIN BABRUWAN HARE	45	<u>Nitin</u>
37	OMKAR SUBHASH RAO	52	<u>Omkar</u>
38	PATEL SAHIL PAIGAMBAR	55	<u>Sahil</u>
39	PATIL BHUSHAN SUNIL	58	<u>Bhushan</u>
40	PATIL RITIK GOKUL	42	<u>RGokul</u>
41	PATIL RUSHIKESH MANGESH	58	<u>Rushikesh</u>
42	PEDATE GANESH GOVIND	68	<u>Patede</u>
43	RAJKUMAR PANDIT CHIMANE	63	<u>Pandit</u>



Sr. No.	Students Name	Marks	Sign
44	RAKSHE ROHIT SURYAKANT	65	<u>Rohit</u>
45	ROHIT KUMAR KUSHWAHA	Rohit 52	<u>Rohit</u>
46	RUSHIKESH KISHOR PARDESHI	56	<u>Rushikesh</u>
47	SANDESH YASHWANT KADAM	58	<u>Sandesh</u>
48	SARAWADE SHWETA GANESH	42	<u>Shweta</u>
49	SAURABH	68	<u>Saurabh</u>
50	SAWANT VINAYAK ANANDA	63	<u>Vinayak</u>
51	SHAILESH HARIBA NAIK	64	<u>Shailesh</u>
52	SHIDORE VISHAL SUBHASH	40	<u>Vishal</u>
53	SHINGARE VINEET ANDRES	56	<u>Vineet</u>
54	SHIRKE SHASHIKANT DHARMRAJ	58	<u>Shirke</u>
55	SHREERAM RAMESH GIRI	48	<u>Ramesh</u>
56	SHRIDHAR ARVIND DESHPANDE	60	<u>Shridhar</u>
57	SONAR AMEY VILAS	58	<u>Amev</u>
58	SONAWANE NITIN SURESH	56	<u>Nitin</u>
59	TAMBE OMKAR NAVANATH	54	<u>Omkar</u>
60	THORVE OMKAR KRISHNA	53	<u>Omkar</u>
61	WAGH ONKAR RAMDAS	60	<u>Omkar</u>
62	WAGH RITIK PURUSHOTAAM	48	<u>Ritik</u>

[Signature]
Subject Teacher



[Signature]
HOD
Mechanical Department

DEPARTMENT OF MECHANICAL ENGINEERING

Subject: ENGINEERING MATERIALS AND METALLURGY

[Time: 2½ Hours]

[Max. Marks: 70]

1. What is Equilibrium diagram? With diagram explain three important reactions in Iron Carbon Equilibrium diagram? [7]
2. Discuss Homeothermy rule for substitutional solid solutions? [7]
3. Define hardenability? Differentiate between austempering and Martempering with diagram. [7]
4. Define annealing and explain types of annealing? [7]
5. Define Cast Iron? Explain classification of Cast iron with applications. [7]
6. Define steel? Explain classification of steel with applications. [7]
7. What is Age Hardening? Explain with example application of age hardening. [7]
8. Write short note on Invar? [7]
9. What is Aluminium's crystal structure? Give the composition, at least one property and use of the Aluminium Alloys listed below. [7]
 - i) Y-Alloy
 - ii) Hinduminium
10. What is a binary Solid Solution alloy, draw the cooling curve of a typical solid solution alloy.



Remedial Class Unit Test (A.Y 2022-23)

ATTENDENCE SHEET

Subject Name : Prof. T.S. Hulavale

Year/Branch : SE / Mechanical

Date: 26/05/2023

Sr. No.	Students Name	Marks	Sign
1	PALAN KEVAL MANOJ	48	
2	AKASH BHIMRAO ALDAR	42	
3	ANANDA KRUSHNA ALDAR	45	
4	AVHAD NIKESH BHASKAR	50	
5	BIDKAR SUMIT ROHIDAS	56	
6	BODAKE SANDESH RAMESH	58	
7	CHAVAN SURAJ PRAKASHRAO	62	
8	FULWADE POOJA MARUTI	64	
9	GADE AVADHUT ASHOK	45	
10	GAIKWAD NIKHIL RAOSAHEB	60	
11	GAWADE SADANAND BHUJANG	62	
12	GIRIJA AABASO LOHAR	58	
14	GOMARE GOVIND PUNDLIK	48	
15	HADKE RAHUL SURESH	60	
16	HEMBADE SHUBHAM SUBHASH	62	
18	ISHTE VIKAS MAHADU	48	
19	JADHAV JAYANT CHANGDEV	56	
20	JADHAV SANDESH SURESH	54	
21	JADHAV SOURABH VASANT	52	



Sr. No.	Students Name	Marks	Sign
22	JAYESH JAYWANT DHADAVE	49	
23	KADAM GANESH TRIYAMBAK	52	<u>Ganesh K</u>
24	KAMBLAJKAR DNYANESHWAR AVADHUT	54	<u>Dnyaneshwar</u>
25	KAMTHE LALIT TUKARAM	45	<u>L Kamthe</u>
26	KARANDE SAMSHER YASHWANT	48	<u>Samsheer</u>
27	KHARADE ATUL MAHADEV	56	<u>Atul</u>
28	KUMBHAR ROHAN SHRIKANT	59	<u>Rohan</u>
29	LOKHANDE OMKAR VIJAY	62	<u>Omkar</u>
30	MAHANGADE MAHESH SOPAN	64	<u>M.M.S</u>
31	MALUSARE RAJKUMAR RAGHU	69	<u>Raghu</u>
32	MANDALE SAGAR KHANDU	48	<u>Sagar Mandale</u>
33	MANJREKAR ANIKET ARVIND	62	<u>Aniket</u>
32	MASKE AMAY MAHADEV	48	<u>Amay</u>
33	MAYOOR RAJESH BHARGAVAN	52	<u>Bhargavan</u>
34	MISHRA ABHISHEK RAMBHU	54	<u>Mishra</u>
35	MUJAWAR AMAAN NAZIR	50	<u>Amaan</u>
36	NITIN BABRUWAN HARE	48	<u>Nitin</u>
37	OMKAR SUBHASH RAO	62	<u>Omkar</u>
38	PATEL SAHIL PAIGAMBAR	68	<u>Sahil</u>
39	PATIL BHUSHAN SUNIL	57	<u>Bhushan</u>
40	PATIL RITIK GOKUL	48	<u>Ritik</u>
41	PATIL RUSHIKESH MANGESH	54	<u>Rushikesh</u>
42	PEDATE GANESH GOVIND	52	<u>Ganesh</u>
43	RAJKUMAR PANDIT CHIMANE	56	<u>Pandit</u>



Sr. No.	Students Name	Marks	Sign
44	RAKSHE ROHIT SURYAKANT	58	<u>Raksh</u>
45	ROHIT KUMAR KUSHWAHA	60	<u>Rohit</u>
46	RUSHIKESH KISHOR PARDESHI	45	<u>Rushikesh</u>
47	SANDESH YASHWANT KADAM	48	<u>Kadam</u>
48	SARAWADE SHWETA GANESH	62	<u>Alkamble</u>
49	SAURABH	45	<u>Saurabh</u>
50	SAWANT VINAYAK ANANDA	48	<u>Ananda</u>
51	SHAILESH HARIBA NAIK	62	<u>Shailesh</u>
52	SHIDORE VISHAL SUBHASH	64	<u>Vishal</u>
53	SHINGARE VINEET ANDRES	49	<u>Vineet</u>
54	SHIRKE SHASHIKANT DHARMRAJ	52	<u>Shirke</u>
55	SHREERAM RAMESH GIRI	54	<u>Ramesh</u>
56	SHRIDHAR ARVIND DESHPANDE	56	<u>Arvind</u>
57	SONAR AMEY VILAS	58	<u>Amev</u>
58	SONAWANE NITIN SURESH	49	<u>Nitin</u>
59	TAMBE OMKAR NAVANATH	50	<u>Omkar</u>
60	THORVE OMKAR KRISHNA	48	<u>Omkar</u>
61	WAGH ONKAR RAMDAS	56	<u>Onkar</u>
62	WAGH RITIK PURUSHOTAAM	54	<u>Ritik</u>

Mulavale
Subject Teacher
Prof. T.S. Mulavale



Chavhan
HOD
Mechanical Department

Result Analysis (A.Y. 2022-2023)

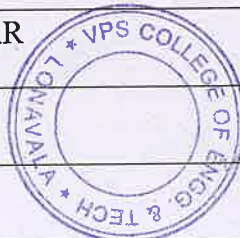
SEM: IV

CLASS: SE

Sr. No	Student Name	SM	EMM
		(70)	(70)
S191210801	PALAN KEVAL MANOJ	28	33
S191210802	AKASH BHIMRAO ALDAR	33	33
S191210803	ANANDA KRUSHNA ALDAR	36	34
S191210804	AVHAD NIKESH BHASKAR	44	32
S191210805	BADHE GUNJAN MADHUKAR	-	28
S191210806	BIDKAR SUMIT ROHIDAS	42	AB
S191210807	BODAKE SANDESH RAMESH	42	28
S191210808	CHAVAN SURAJ PRAKASHRAO	33	30
S191210809	FULWADE POOJA MARUTI	28	28
S191210810	GADE AVADHUT ASHOK	37	29
S191210811	GAIKWAD NIKHIL RAOSAHEB	28	
S191210813	GIRIJA AABASO LOHAR	35	-
S191210814	GOMARE GOVIND PUNDLIK	32	33
S191210815	HADKE RAHUL SURESH	34	29
S191210816	HEMBADE SHUBHAM SUBHASH	33	29
S191210817	ISHTE VIKAS MAHADU	AB	-
S191210818	JADHAV JAYANT CHANGDEV	AB	28
S191210819	JADHAV SANDESH SURESH	31	28
S191210820	JADHAV SOURABH VASANT	32	29



Sr. No	Student Name	SM	EMM
		(70)	(70)
S191210821	JAYESH JAYWANT DHADAVE	31	30
S191210822	KADAM GANESH TRIYAMBAK	28	08
S191210823	KAMBLAJKAR DNYANESHWAR AVADHUT	30	21
S191210824	KAMTHE LALIT TUKARAM	28	35
S191210825	KARANDE SAMSHER YASHWANT	31	30
S191210826	KHARADE ATUL MAHADEV	41	32
S191210827	KUMBHAR ROHAN SHRIKANT	40	38
S191210828	LOKHANDE OMKAR VIJAY	34	29
S191210829	MAHANGADE MAHESH SOPAN	41	34
S191210830	MALUSARE RAJKUMAR RAGHU	40	32
S191210831	MANDALE SAGAR KHANDU	33	28
S191210832	MANJREKAR ANIKET ARVIND	39	36
S191210833	MASKE AMAY MAHADEV	40	-
S191210834	MAYOOR RAJESH BHARGAVAN	33	-
S191210835	MHATRE SAGAR RAMCHANDRA	-	34
S191210836	MISHRA ABHISHEK RAMBHU	40	20
S191210837	MUJAWAR AMAAN NAZIR	29	33
S191210838	NITIN BABRUWAN HARE	35	18
S191210839	OMKAR SUBHASH RAO	44	30
S191210840	PATEL SAHIL PAIGAMBAR	36	29
S191210841	PATIL BHUSHAN SUNIL	30	29
S191210842	PATIL RITIK GOKUL	43	31



Sr. No	Student Name	SM	EMM
		(70)	(70)
S191210843	PATIL RUSHIKESH MANGESH	46	30
S191210844	PEDATE GANESH GOVIND	40	28
S191210845	QUADRI SAYYED RUHAAN SAYYED MUBIN	-	31
S191210846	RAHUL TILEKAR	-	30
S191210847	RAJKUMAR PANDIT CHIMANE		
S191210848	RAKSHE ROHIT SURYAKANT		
S191210849	ROHIT KUMAR KUSHWAHA	35	30
S191210850	RUSHIKESH KISHOR PARDESHI	31	34
S191210851	SACHIN SHRIKANT NAIKARE	-	32
S191210853	SANDESH YASHWANT KADAM	32	33
S191210854	SARAWADE SHWETA GANESH	31	29
S191210855	SAURABH	46	-
S191210857	SAWANT VINAYAK ANANDA	35	33
S191210858	SHAILESH HARIBA NAIK	37	30
S191210859	SHIDORE VISHAL SUBHASH	45	30
S191210860	SHINGARE VINEET ANDRES	AB	AB
S191210861	SHIRKE SHASHIKANT DHARMRAJ	15	31
S191210862	SHREERAM RAMESH GIRI	31	-
S191210863	SHRIDHAR ARVIND DESHPANDE	37	-
S191210864	SONAR AMEY VILAS	28	14
S191210865	SONAWANE NITIN SURESH	38	35
S191210866	SOSHTE DIVESH SHIRDHAR	-	35



Sr. No	Student Name	SM	EMM
		(70)	(70)
S191210867	SUMESH ANIL PATIL	-	31
S191210869	TAMBE OMKAR NAVANATH	AB	
S191210870	TANWADE KIRAN RAMKISAN	-	33
S191210871	TEJAS NAGNATH KORE	-	29
S191210872	THORVE OMKAR KRISHNA	37	35
S191210873	WAGH ONKAR RAMDAS	37	34
S191210874	WAGH RITIK PURUSHOTAAM	36	33
S191210875	WAGHOLE SAURABH BALASAHEB	35	34
S191210876	YELWANDE SURAJ VISHNU	36	28

Hulavale
Class Incharge
Prof. T.S. Hulavale



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