



2.3.3 CA1,CA2 and MSE sample question paper, result analysis, marks sheet (filled DBATU portal), sample answer sheet/ summary of online examination, snap of students portal showing internal marks

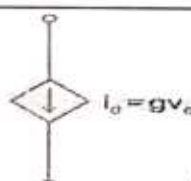
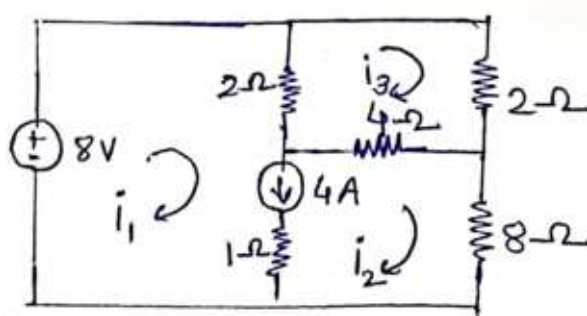
INDEX

Sr. No.	Details	Page No.
1	Sample question paper – CA1, CA2 and MSE	2
2	Sample answer sheet	8
3	Result analysis	11
4	Marks sheet (filled DBATU portal),	17
5	Snap of student portal showing internal marks	20


	DR. BABASAHEB AMBEDKAR TECHNICAL UNIVERSITY, LONERE.	
	Sanjeevan Engineering & Technology Institute, Panhala	
	Department of Electrical Engineering	
	CA-I	
	SEMESTER: IV	
	ACADEMIC YEAR: 2023-24	
	NAME OF STUDENT:	ROLL No.:
	CLASS: S.Y. Electrical	MARKS: 10
	DAY & DATE : 26/2/2024 Wednesday	Time: 2.15 to 2.45 Pm
SUBJECT: Network Theory		



INSTRUCTIONS:

- All questions are compulsory.

Q. No.1	Questions	Marks	CO	PO
A.	A circuit having neither any energy source nor e.m.f. source is called thecircuit A. Unilateral B. Bilateral C. Passive D. Active	1	2	3
B.	Star circuit has element of resistance $R/2$. The equivalent delta elements will be A. $R/6$ B. $3/2 R$ C. $2R$ D. $4R$	1	2	3
C.	 Identify the source A. VCVS B. VCIS C. ICIS D. ICVS	1	2	3
D.	Which of the following is not a unilateral element? A. Diode B. Resistor C. Inductor D. capacitor	1	2	3
Q.2.	Find current in circuit 	6	2	5




PRINCIPAL
 Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala - 416 201


	DR. BABASAHEB AMBEDKAR TECHNICAL UNIVERSITY, LONERE.	
	Sanjeevan Engineering & Technology Institute, Panhala.	
	Department of Electrical Engineering	
	CA-I	
	SEMESTER: VI	ACADEMIC YEAR: 2023-24
	NAME Of STUDENT:	PRN.:
	CLASS: T.Y. B. Tech.	Time : 09.30am to 10.00am
	DAY & DATE: Friday, 01/03/2024	Marks: 10
SUBJECT NAME WITH CODE: Power Plant Engineering (BTEEOE605B)		

INSTRUCTIONS:

- 1) All questions are compulsory.

Q. No.	Questions	Marks	CO	PO													
1	Explain Types of Excitation system	5	1	1													
	OR Write short notes on Energy Sources	5	1	1													
2	Define a. Load Factor b. Demand Factor c. Plant Capacity Factor d. load Curve e. Load Duration Curve	5	1	1													
	OR A generating station has the following daily load cycle:																
	<table><tr><td>Time (Hours)</td><td>0 -6</td><td>6 -10</td><td>10 -12</td><td>12 -16</td><td>16 -20</td><td>20 -24</td></tr><tr><td>Load (M W)</td><td>40</td><td>50</td><td>60</td><td>50</td><td>70</td><td>40</td></tr></table> Draw the load curve and find (i) maximum demand (ii) units generated per day (iii) average load and (iv) load factor	Time (Hours)	0 -6	6 -10	10 -12	12 -16	16 -20	20 -24	Load (M W)	40	50	60	50	70	40	5	1
Time (Hours)	0 -6	6 -10	10 -12	12 -16	16 -20	20 -24											
Load (M W)	40	50	60	50	70	40											




PRINCIPAL
 Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala - 416 201



DR. BABASAHEB AMBEDKAR TECHNICAL UNIVERSITY, LONERE.

Sanjeevan Engineering & Technology Institute, Panhala.

Department of Electrical Engineering

Mid Semester Examination 2023



SEMESTER: III

ACADEMIC YEAR: 2023-24

NAME OF STUDENT:

PRN.:

CLASS: T.Y. B. Tech.

Time : 02:00PM to 03:00PM

DAY & DATE: Friday & 27th October, 2023

Marks: 20

SUBJECT NAME WITH CODE: Engineering Material Science (BTES305)

Instructions to the Students:

1. All questions are compulsory
2. Assume suitable data if necessary
3. Use of non-programmable calculator is allowed

Q. No.	Sub Question	Question	CO	PO	BL	Marks
1.		Attempt the Following	4×1=4			
	a.	What is the correct classification of the conducting materials? a) low resistivity, low conductivity b) low resistivity, high conductivity c) high resistivity, high conductivity d) medium resistivity, medium conductivity	1	1,3	1	1
	b.	In superconductivity the conductivity of a material becomes a. Zero b. Finite c. Infinite d. None of the above	1	1,3	1	1
	c.	Dielectrics are a) Metals b) semiconductors c) insulating materials d) none	2	1,3	1	1
	d.	The following is not the type of polarization a) orientational b) ionic c) orbital d) electronic	2	1,3	1	1
2.		Solve Any Two Of The Following	3 × 2 = 6			
	a.	Explain Electronic & Ionic condition.	1	1,4	2	3
	b.	Define a. Collision time b. Mean free path c. Relaxation time	1	1,4	2	3
	c.	Explain Superconductivity.	1	1,4	2	3
3.		Solve Any two of the following	5 × 2 = 10			
	a.	Define polarization and explain its types.	2	2,3	2	5
	b.	Derive the expression of Clausius-Mossotti equation	2	2,3	2	5
	c.	Explain piezoelectric pyroelectric and ferroelectric materials.	2	2,3	2	5

***** END *****



PRINCIPAL

Sanjeevan Engg. & Tech. Institute
Soniwar Peth, Panhala - 416 201



DR. BABASAHEB AMBEDKAR TECHNICAL UNIVERSITY, LONERE.
Sanjeevan Engineering & Technology Institute, Panhala
Department of Electrical Engineering
CA-II

seti

SEMESTER: IV

ACADEMIC YEAR: 2023-24

NAME OF STUDENT: Harshada M. Bhadke ROLL No.: 02

CLASS: SY ELECTRICAL

PRN No.: 2263151293034

DAY & DATE: Thursday, 9/05/2024

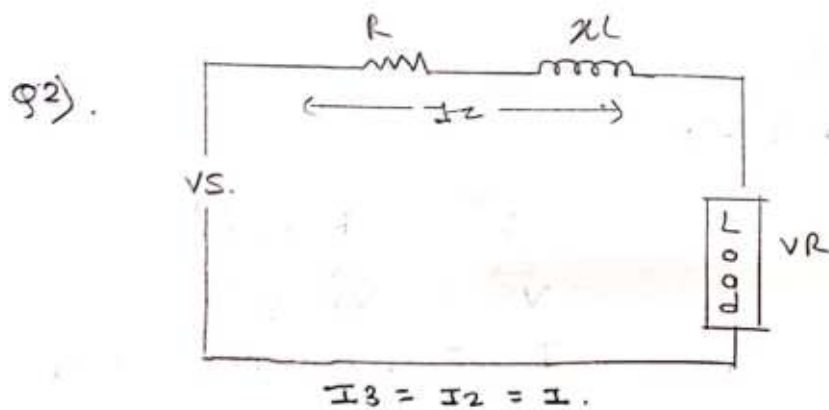
MARKS: 10

SUBJECT: Power System, BTEEC 402.

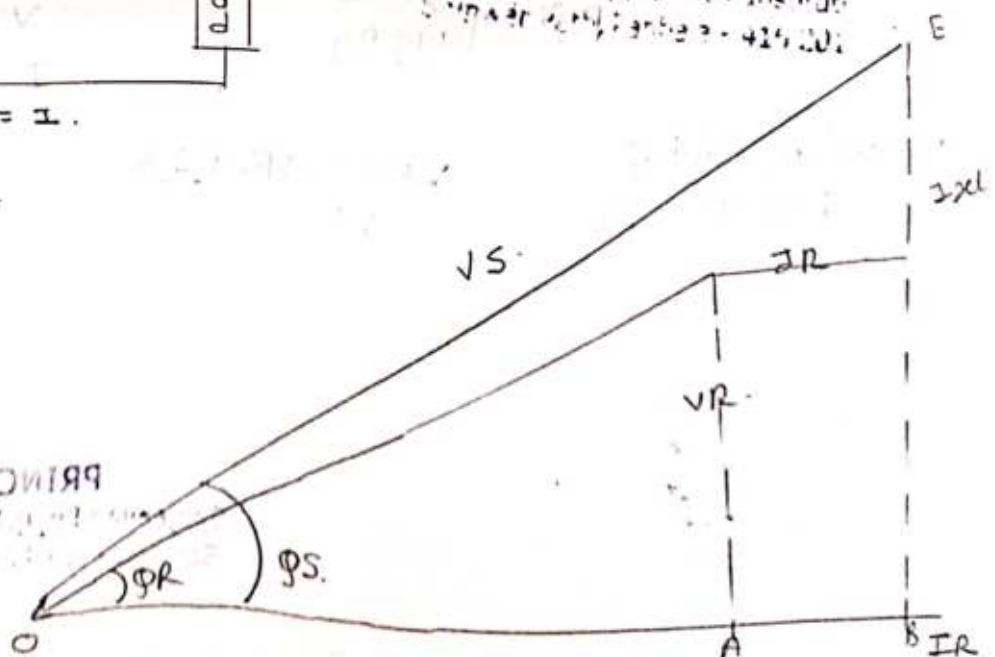
INSTRUCTIONS:



1) All questions are compulsory.

Q. No.	Questions	Examinee Marks	CO	PO
1	1.1 Short Transmission Line having Length Range of ✓ a) 0-50 Km b) 0-150 Km c) 150-250 Km d) 20-50 Km 1.2 Capacitance effect is negligible in ----- Transmission Lines a) Short ✓ b) Long c) Medium d) 3 Phase 1.3 Long Transmission Line having Length Range of a) above 150 Km b) 0-150 Km ✓ c) 150-250 Km d) 20-50 Km 1.4 Medium Transmission Line having Length Range of ✓ a) 50-150 Km b) 0-150 Km c) 150-250 Km d) 20-50 Km	4(1x4)	4	1
2	Derive Equation of V_L , V_{tg} Regulation, Power Efficiency for Short Transmission Line with Circuit Diagram & Phasor Diagram	6	4	3



Vector (phasor) Diagram -



	DR. BABASAHEB AMBEDKAR TECHNICAL UNIVERSITY, LONERE. Sanjeevan Engineering & Technology Institute, Panhala Department of Electrical Engineering	
	CA-II	
	SEMESTER: VIACADEMIC YEAR:2023-24	
	NAME OF STUDENT:	ROLL No.: 09.
	CLASS:T.Y ELECTRICAL	PRN No:-
	DAY & DATE : Thursday,09/05/2024	MARKS: 10
SUBJECT: Smart Grid Technology, BTEEC 601		

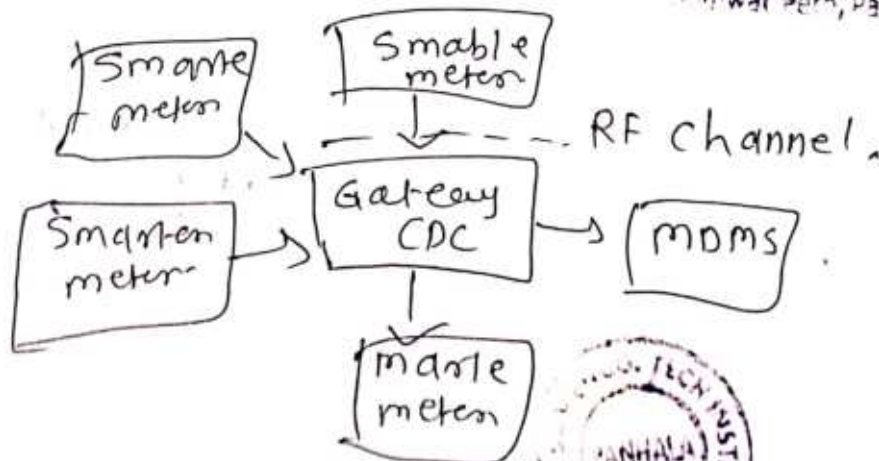
INSTRUCTIONS:

1) All questions are compulsory.

Q. No.	Questions	Marks	C O	P O
1	1.1 Wifi hasFrequency Bands (a) 2.4 Ghz (b) 2.3 Ghz (c) 2.4 Ghz & 5 Ghz (d) 2.8 Ghz 1.2 What is LAN? (a) Lateral area network (b) Large area network (c) Local area network (d) Long area network 1.3 NAN Comes UnderNetwork ? (a) HAN (b) FAN (c) WAN (d) Wi-max 1.4 In Home Smart Devices Like AC, Fridge UsesCommunication Standard. (a) Lan (b) Wan (c) Wifi & Zigbee (d) HAN	4 Marks (1x4)	4	2
2	Solve ALL	6 Marks		
2A	Draw diagram of AMI . List Advantages	3	4	?
2B	Compare Zig-bee, Bluetooth, Wifi, Wimax Technology.	3	4	3

- ① C
② C
③ C
④ C

Q.2 A.



Sanjeevan Engg. & Tech. Institute
Santwar Path, Panhala - 415 201



DR. BABASAHEB AMBEDKAR TECHNICAL UNIVERSITY, LONERE.

Sanjeevan Engineering & Technology Institute, Panhala

Department of Electrical Engineering

CA-I



SEMESTER: VIACADEMIC YEAR: 2023-24

NAME OF STUDENT:

ROLL No.: 65

CLASS: T.Y ELECTRICAL

PRN No:- 2263151293553

DAY & DATE : Thursday, 29/02/2024

MARKS: 10

SUBJECT: Smart Grid Technology

INSTRUCTIONS:

1) All questions are compulsory.

7/10 a

Q. No.	Questions	Marks	C O	P O
1	<p>1.1 One Nation, One Grid, One <u>LC</u>. (a) Frequency (b) Current (c) voltage (d) phase</p> <p>1.2 Full form of the SCADA is... (a) Supervisory control and Data acquisition (b) Supervisory control and digital acquisition (c) Supplementary control and digital acquisition (d) Supplementary control and data acquisition</p> <p>1.3 The function of Calculation of estimation of restoration times, Management of crews assisting in restoration. Calculation of crews... required for restoration is performed by _____. (a) Outage Management system (b) smart meters (c) multiple commutation failure (d) SCADA</p> <p>1.4 Supply the required data for the smart grid which helps the grid in providing an automated response. (a) Smart meters (b) Sensors (c) Actuators (d) PLC</p>	4 Marks (1x4)	1	2
2	Solve Any Two.	6 Marks		
2A	Define smart grid concept and explain its necessity.	3	1	2
2B	Explain outage management system.	3	1	3
2C	Explain smart metering and advantages of it.	3	1	3

1.1 - Frequency

1.2 - Supervisory control & digital acquisition.

1.3 - Smart meters.

1.4 - Sensors.



Ami
PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201



HOLY- WOOD ACADEMY'S
SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevan Knowledge City, Dist. Kolhapur. Pin.416 201

Name of the Student: Archini mangesha Lak

Class: IT

Roll No.: 06

Subject: PSA

Date: 12/10/2023

Language of Answer: english

Question No.	1	2	3	4	5	6	7	8	9	10	Total	out of	Examiner's Sign.
Marks obtained	02	06	00								08	20	

Main Answersheet + No. of Supplement = Total

01 + 01 = 02

Supervisor's Signature

Q 2

→ a) D) All of these.

→ b) D) Bus incidence matrix

→ c) B) ~~IV~~ IVI f d

→ d) B) 25%

02



PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Sanjeevan Knowledge City, Panhala - 416 201

Q 2.

→ a) Equation of complex power

$$\vec{I} = I^* = I(\cos \phi \pm j \sin \phi) \quad \text{--- (1)}$$

$$S^* = V \cdot I^* \quad \text{--- (2)}$$

put eqn (1) in eqn (2)

$$S^* = V \cdot [I(\cos \phi - j \sin \phi)]$$

then,

If p.f is lagging then $[I(\cos \phi - j \sin \phi)]$

If p.f is leading then $[I(\cos \phi + j \sin \phi)]$

$$S^* = V \cdot I^*$$

$$S^* = V \cdot [I(\cos \phi + j \sin \phi)]$$

$$S^* = VI \cos \phi + j VI \sin \phi$$

$$S^* = P + jQ$$

case (I) constant current

$$V = I \cdot Z$$

$$I = \frac{V}{Z}$$

then

$$S^* = V \cdot I^*$$

$$I^* = \frac{S^*}{V}$$

multiply both side by *



we get,

$$\begin{bmatrix} \Delta C_1^{(0)} \\ \Delta C_2^{(0)} \\ \vdots \\ \Delta C_n^{(0)} \end{bmatrix} = \begin{bmatrix} \frac{df_1}{dx_1} & \frac{df_1}{dx_2} & \dots & \frac{df_1}{dx_n} \\ \frac{df_2}{dx_1} & \frac{df_2}{dx_2} & \dots & \frac{df_2}{dx_n} \\ \vdots & \vdots & \ddots & \vdots \\ \frac{df_n}{dx_1} & \frac{df_n}{dx_2} & \dots & \frac{df_n}{dx_n} \end{bmatrix} * \begin{bmatrix} \Delta x_1^{(0)} \\ \Delta x_2^{(0)} \\ \vdots \\ \Delta x_n^{(0)} \end{bmatrix}$$

$$\Delta C_k^{(0)} = J * \Delta x_k^{(0)} \quad x^{k+1} = x^{(k)} + \Delta x^{(k)} \quad \textcircled{2}$$

In power system variables are

P, Q, d, v

we can $\textcircled{2}$ eqⁿ we write in power MW

$$\begin{bmatrix} \Delta P \\ \Delta Q \end{bmatrix} = \begin{bmatrix} \frac{d\Delta P}{d\Delta d} & \frac{d\Delta P}{d\Delta v} \\ \frac{d\Delta Q}{d\Delta d} & \frac{d\Delta Q}{d\Delta v} \end{bmatrix} * \begin{bmatrix} \Delta d \\ \Delta v \end{bmatrix}$$

$$\begin{bmatrix} \Delta P \\ \Delta Q \end{bmatrix} = \begin{bmatrix} H & N \\ M & L \end{bmatrix} * \begin{bmatrix} \Delta d \\ \Delta v \end{bmatrix}$$

$$\begin{bmatrix} \Delta P \\ \Delta Q \end{bmatrix} = [J] * \begin{bmatrix} \Delta d \\ \Delta v \end{bmatrix}$$

$$\begin{bmatrix} \Delta P \\ \Delta Q \end{bmatrix} = \begin{bmatrix} J \end{bmatrix} * \begin{bmatrix} \Delta d \\ \Delta v \end{bmatrix}$$



Jai
PRINCIPAL
Jayvan Engg & Tech Institute
Somwar Peth, Pune-414 211

Sanjeevan Engineering & Technology Institute, Panhala**Branch : Electrical Engineering****CA1 Examination_Sem - III - September 2023****Class - S. Y. B. Tech****Academic Year - 2023 - 2024**

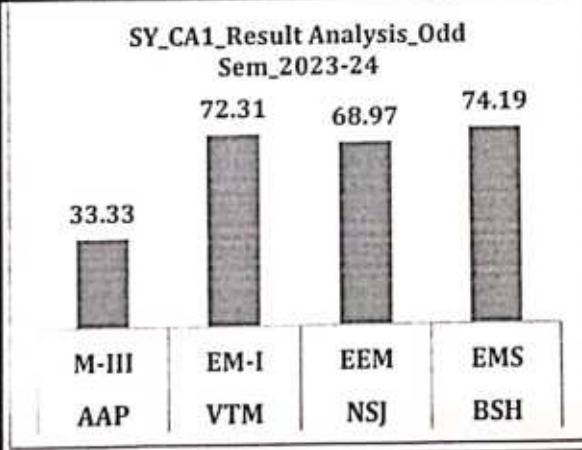
Subject Name			M-III	EM-I	EEM	EMS
Subject Code			BTBS 301	BTEEC 302	BTEEC 303	BTES 305
Subject Teacher			AAP	VTM	NSJ	BSH
Out of			10	10	10	10
Sr. No.	Roll No.	Name of Student				
1	1	AREKAR HARSHAD RANGRAO	4	7	3	8
2	2	BHADEKAR HARSHADA MAHESH	5	7	8	9
3	3	BHOGAVKAR KEDAR KAMALAKAR	2	3	3	2
4	4	BHOSALE ABHISHEK VIJAY	5	4	4	7
5	5	BHOSALE ADITYARAJE SAYAJIRAO	5	8	6	8
6	6	BURAN SANDESH SHIVAJI	3	3	AB	7
7	7	CHOUGALE SANKET PRADIP	3	7	2	6
8	8	DINDE ROHAN BALASO	3	7	AB	5
9	9	DOMBE SAMARTH SANDIP	4	1	2	3
10	10	GAWADE PARASHRAMDADA CHANDRAK	3	1	1	6
11	11	GAWADE TEJASWINI GANPATI	3	3	AB	6
12	12	HAJARE ANKITA AVAGHADI	6	3	6	8
13	13	HALADKAR SWAPNIL SARDAR	10	10	6	8
14	14	JADHAV VAISHALI PANDURANG	5	8	8	6
15	15	KHOT AKSHADA SURESH	3	5	6	7
16	16	KULKARNI ABHISHEK MADAN	2	4	2	3
17	17	MUDAGE VIRANJAY SHIVAJI	3	9	9	8
18	18	MULIK SANIKA JOTIRAM	8	9	9	7
19	19	PATIL ANMOL VISHAL	2	3	3	5
20	20	PATIL DAKSHATA RAJENDRA	3	9	2	6
21	21	PATIL PAVAN GANAPATI	7	10	4	7
22	22	PATIL ROSHAN DNYANDEV	4	4	2	3
23	23	PATIL SAHIL RAJENDRA	5	5	4	4
24	24	PATIL SAHIL RAVINDRA	5	6	2	5
25	25	PATIL SANIKA SATUPPA	3	10	6	7
26	26	PATIL VAIJAYANTI DATTATRAY	4	9	9	8
27	27	PAWAR SAHIL BHIVA	3	1	2	8
28	28	PILANKAR RUTUJA SANDIP	AB	8	AB	AB
29	29	POWAR SOURABH SUHAS	4	4	2	5
30	30	RAUT SWARAJ VITTHAL	3	3	3	2
31	31	SAWANT SAHIL SANTOSH	2	3	3	2
32	32	SAWANT VINAYAK VIKRAM	AB	AB	AB	AB
33	33	SURYAWANSHI PURVA CHANDRAKANT	5	8	9	7

Sanjeevan Engineering & Technology Institute, Panhala**Branch : Electrical Engineering****CA1 Examination_Sem - III - September 2023****Class - S. Y. B. Tech****Academic Year - 2023 - 2024**

Subject Name			M-III	EM-I	EEM	EMS
Subject Code			BTBS 301	BTEEC 302	BTEEC 303	BTES 305
Subject Teacher			AAP	VTM	NSJ	BSH
Out of			10	10	10	10
Sr. No.	Roll No.	Name of Student				
34	34	AKIWATE RUTUJA RAJENDRA	AB	AB	AB	AB
35	35	BURUD SANKET SHIVAJI	AB	AB	AB	AB
36	36	CHOUGALE KARAN SANJAY	4	7	6	6
37	37	DONE SHWETA SUNIL	2	3	6	3
38	38	GIRIGOSAVI VIKAS PRAKASH	4	9	6	6
39	39	GOLE VAISHNAVI DATTATRAY	4	10	8	7
40	40	HARALE VINAYAK UTTAM	4	7	8	6
41	41	HINDULE SHUBHAM VIJAY	3	3	5	3
42	42	KAMBLE PRATIKSHA VILAS	AB	AB	AB	AB
43	43	KASOTE PRATHAMESH SUNIL	3	10	9	9
44	44	KORAVI JADHAV GANESH RAMESH	AB	AB	AB	AB
45	45	KUMBHAR SNEHAL YASHWANT	3	7	8	7
46	46	PARIT AVINASH JAGDISH	3	7	5	4
47	47	PATIL PRAJAKTA SHIVAJI	AB	1	AB	AB
48	48	PATIL TANMAY MADHUKAR	3	1	2	4
49	49	PATIL VAIBHAV MARUTI	4	6	1	2
50	50	PAWAR SANIKA BHIKAJI	2	10	6	7
51	51	SHINGE SAKSHI JANARDAN	3	AB	4	AB
52	52	SURYAWANSHI MAYURESH LALASAHEB	3	10	9	7
53	53	SUTAR PRATIKSHA DILIP	AB	10	AB	AB
54	54	VIBHUTE SHREYASH SHIVPRASAD	3	7	7	7
55	55	WALVEKAR PRASAD PRAKASH	3	9	4	7
56	56	BABAR SIDDHIKA RAHUL	3	9	5	8
57	57	CHOUGALE SHAILESH NETAJI	3	9	6	4
58	58	DESAI AKANKSHA DHANAJI	3	10	8	8
59	59	JADHAV SHUBHAM ANIL	2	5	AB	7
60	60	JADHAV SHUBHAM BAPUSO	AB	AB	AB	AB
61	61	MAGADUM PRAJWAL DHONDIRAM	3	1	AB	1
62	62	NANGARE VIJAYKUMAR SHRIKANT	3	5	5	3
63	63	NARAKE SOHAM ANJAY	3	9	5	3
64	64	PADALKAR ANJAN SWINIKUMBA	3	10	7	7
65	65	PARAS PRADIP RAJENDRA	3	8	2	2
66	66	PATIL ATIL RAJENDRA	3			

PRINCIPAL
 Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala - 416 201

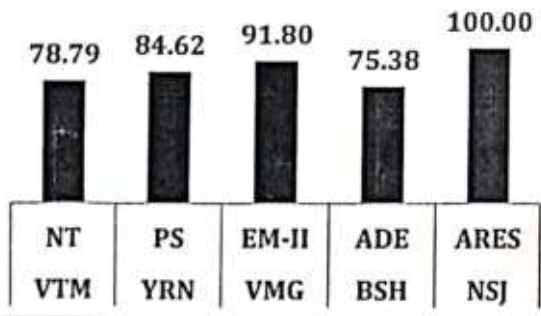
Sanjeevan Engineering & Technology Institute, Panhala**Branch : Electrical Engineering****CA1 Examination_Sem - III - September 2023****Class - S. Y. B. Tech****Academic Year - 2023 - 2024**

Subject Name			M-III	EM-I	EEM	EMS
Subject Code			BTBS 301	BTEEC 302	BTEEC 303	BTES 305
Subject Teacher			AAP	VTM	NSJ	BSH
Out of			10	10	10	10
Sr. No.	Roll No.	Name of Student				
67	67	PATIL HARSHAVARDHAN SANJAY	3	10	8	7
68	68	PATIL KEDAR SACHIN	AB	AB	AB	AB
69	69	PATIL SHUBHAM DAYANAND	3	1	5	1
70	70	PHAD DIPAK MAHADEV	2	5	7	5
71	71	SANAGAR SIDDANT SHRIKANT	3	1	3	0
72	72	ZIMUR PRATHAMESH POPAT	3	8	7	1
73	73	PATIL AVINASH MARUTI	3	2	3	5
Result Analysis			M-III	EM-I	EEM	EMS
Total Strength			73	73	73	73
ABSENT			10	8	15	11
PASS			21	47	40	46
FAIL			42	18	18	16
Percentage RESULT			33.33	72.31	68.97	74.19
			Mr. A. A. Patil	Mr. V. T. Metkari	Mr. N. S. Jadhav	Mr. B. S. Hebbale

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201
Class Co-Ordinator
Mr. N. S. Jadhav
Internal Exam Co-Ordinator
Mr. V. T. Metkari
**H.O.D.****Dr. V. V. Puranik**
Head of the Department
Electrical Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Subject Name			NT	PS	EM-II	ADE	ARES
Subject Code			BTEEC 401	BTEEC 402	BTEEC 403	BTBS 404	BTEEPE 405C
Subject Teacher			VTM	YRN	VMG	BSH	NSJ
Out of			10	10	10	10	10
Sr. No.	Roll No.	Name of Student					
1	1	AREKAR HARSHAD RANGRAO	5	5	6	2	7
2	2	BHADEKAR HARSHADA MAHESH	AB	AB	AB	AB	AB
3	3	BHOGAVKAR KEDAR KAMALAKAR	4	5	5	0	7
4	4	BHOSALE ABHISHEK VIJAY	6	6	4	4	8
5	5	BHOSALE ADITYARAJE SAYAJIRAO	10	7	8	8	8
6	6	BURAN SANDESH SHIVAJI	9	6	3	2	7
7	7	CHOUGALE SANKET PRADIP	10	6	6	7	8
8	8	DINDE ROHAN BALASO	10	7	8	4	8
9	9	DOMBE SAMARTH SANDIP	10	4	AB	3	8
10	10	GAWADE PARASHRAMDADA CHANDRAK	8	4	3	3	9
11	11	GAWADE TEJASWINI GANPATI	8	4	5	4	10
12	12	HAJARE ANKITA AVAGHADI	AB	AB	AB	AB	AB
13	13	HALADKAR SWAPNIL SARDAR	9	8	7	9	9
14	14	JADHAV VAISHALI PANDURANG	10	5	5	8	9
15	15	KHOT AKSHADA SURESH	6	4	4	2	9
16	16	KULKARNI ABHISHEK MADAN	AB	AB	AB	AB	AB
17	17	MUDAGE VIRANJAY SHIVAJI	7	7	7	5	7
18	18	MULIK SANIKA JOTIRAM	7	5	9	5	9
19	19	PATIL ANMOL VISHAL	3	6	3	0	7
20	20	PATIL DAKSHATA RAJENDRA	6	6	6	3	8
21	21	PATIL PAVAN GANAPATI	6	7	6	5	8
22	22	PATIL ROSHAN DNYANDEV	3	4	3	0	AB
23	23	PATIL SAHIL RAJENDRA	5	4	4	4	8
24	24	PATIL SAHIL RAVINDRA	5	5	4	1	8
25	25	PATIL SANIKA SATUPPA	4	8	8	7	9
26	26	PATIL VAIJAYANTI DATTATRAY	6	7	7	10	10
27	27	PAWAR SAHIL BHIVA	2	3	1	AB	AB
28	28	PILANKAR RUTUJA SANDIP	6	5	7	7	7
29	29	POWAR SOURABH ANIL	2	4	AB	AB	AB
30	30	RAUT SWARAJ ANIL	3	2	AB	AB	AB
31	31	SAWANT SAHIL ANIL	AB	AB	4	0	9
32	32	SURYAWANSHI DNYANESH CHANDRAKANT	5	7	8	8	10
33	33	AKIWATE RUTUJA RAJENDRA	2	7	5	2	7


Subject Name			NT	PS	EM-II	ADE	ARES
Subject Code			BTEEC 401	BTEEC 402	BTEEC 403	BTBS 404	BTEEPE 405C
Subject Teacher			VTM	YRN	VMG	BSH	NSJ
Out of			10	10	10	10	10
Sr. No.	Roll No.	Name of Student					
34	34	BURUD SANKET SHIVAJI	AB	AB	AB	AB	AB
35	35	CHOUGALE KARAN SANJAY	4	6	4	6	7
36	36	DONE SHWETA SUNIL	6	6	9	5	8
37	37	GIRIGOSAVI VIKAS PRAKASH	6	6	6	4	8
38	38	GOLE VAISHNAVI DATTATRAY	9	9	9	8	10
39	39	HARALE VINAYAK UTTAM	9	6	7	6	7
40	40	HINDULE SHUBHAM VIJAY	5	5	7	6	7
41	41	KAMBLE PRATIKSHA VILAS	2	3	AB	4	8
42	42	KASOTE PRATHAMESH SUNIL	4	8	8	8	10
43	43	KORAVI JADHAV GANESH RAMESH	3	3	5	3	AB
44	44	KUMBHAR SNEHAL YASHWANT	5	9	9	7	10
45	45	PARIT AVINASH JAGDISH	6	8	6	4	10
46	46	PATIL PRAJAKTA SHIVAJI	AB	AB	AB	AB	AB
47	47	PATIL TANMAY MADHUKAR	3	3	5	3	7
48	48	PATIL VAIBHAV MARUTI	AB	AB	AB	AB	AB
49	49	PAWAR SANIKA BHIKAJI	9	8	9	10	10
50	50	SHINGE SAKSHI JANARDAN	3	7	7	6	7
51	51	SURYAWANSHI MAYURESH LALASAHEB	6	6	9	9	10
52	52	SUTAR PRATIKSHA DILIP	5	6	8	7	5
53	53	VIBHUTE SHREYASH SHIVPRASAD	9	9	8	9	7
54	54	WALVEKAR PRASAD PRAKASH	8	10	7	9	9
55	55	BABAR SIDDHIKA RAHUL	8	8	9	9	10
56	56	CHOUGALE SHAILESH NETAJI	5	6	6	8	7
57	57	DESAI AKANKSHA DHANAJI	7	7	8	8	10
58	58	JADHAV SHUBHAM ANIL	5	8	7	5	7
59	59	JADHAV SHUBHAM BAPUSO	AB	AB	AB	AB	AB
60	60	MAGADUM PRAJWAL DHONDIRAM	3	7	6	AB	8
61	61	NANGARE VIJAYKUMAR SHIRANT	3	3	AB	PRINCIPAL	8
62	62	NARAKE SOHAM SANJAY	4	6	AB	Sanjeevan Engg. & Tech. Institute	8
63	63	PADALKAR TEJASWINI KERBA	8	8	7	Somwar Peth, Panhala - 416 201	10
64	64	PARAS PRAKASH PATIL	4	6	9	6	8
65	65	PATIL ATHARV RAJENDRA	9	7	8	7	8
66	66	PATIL HARSHAVARDHAN SANJAY	5	5	7	4	6

Subject Name			NT	PS	EM-II	ADE	ARES
Subject Code			BTEEC 401	BTEEC 402	BTEEC 403	BTBS 404	BTEEPE 405C
Subject Teacher			VTM	YRN	VMG	BSH	NSJ
Out of			10	10	10	10	10
Sr. No.	Roll No.	Name of Student					
67	67	PATIL KEDAR SACHIN	6	5	4	4	AB
68	68	PATIL SHUBHAM DAYANAND	4	5	6	5	8
69	69	PHAD DIPAK MAHADEV	6	8	8	5	9
70	70	SANAGAR SIDDANT SHRIKANT	5	2	6	5	8
71	71	ZIMUR PRATHAMESH POPAT	6	3	8	4	8
72	72	PATIL AVINASH MARUTI	3	2	AB	AB	AB
73	73	KURANE ABHISHEK BABAN	3	1	4	1	AB
Result Analysis			VTM	YRN	VMG	BSH	NSJ
Total Strength			73	73	73	73	73
ABSENT			7	8	12	8	14
PASS			52	55	56	49	59
FAIL			14	10	5	16	0
Percentage RESULT			78.79	84.62	91.80	75.38	100.00
SY_CA1_Result Analysis_Even Sem_2023-24 			Mr. V. T. Metkari	Mr. Y. R. Naik	Mr. V. M. Ghewari	Mr. B. S. Hebbale	Mr. N. S. Jadhav

 Class Co-Ordinator
 Mr. N. S. Jadhav

 Internal Exam Co-Ordinator
 Mr. V. T. Metkari


 H.O.D.
 Mr. V. T. Metkari


PRINCIPAL
 Sanjeevan Engg. & Tech. Institute
 Somwar Peth, Panhala - 416 201



Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad (402103)

Subject: (BTBS301) Engineering Mathematics-III

Faculty Name: A.A.PATIL

Date: January 1st 2024,
14:53:42 PM

Sr.No	PRN	Name	Continuous Assessment (CA) Max : 20	Mid-Semester Exam (MSE) Max : 20
1	2163151293009	PATIL AVINASH MARUTI	13	11
2	2263151293001	PATIL ANMOL VISHAL	11	13
3	2263151293002	PATIL SANIKA SATUPPA	15	17
4	2263151293003	BURAN SANDESH SHIVAJI	15	13
5	2263151293004	GAWADE TEJASWINI GANPATI	15	17
6	2263151293005	MUDAGE VIRANJAY SHIVAJI	16	16
7	2263151293006	SAWANT SAHIL SANTOSH	14	12
8	2263151293007	CHOUGALE SANKET PRADIP	16	16
9	2263151293008	BHOSALE ADITYARAJE SAYAJIRAO	17	18
10	2263151293009	POWAR SOURABH SUHAS	14	16
11	2263151293010	VAISHALI PANDURANG JADHAV	17	18
12	2263151293011	PATIL PAVAN GANAPATI	14	17
13	2263151293012	PATIL SAHIL RAJENDRA	15	15
14	2263151293013	ROHAN BALASO DINDE	16	17
15	2263151293014	KULKARNI ABHISHEK MADAN	10	16
16	2263151293015	HALADKAR SWAPNIL SARDAR	20	18
17	2263151293016	PATIL DAKSHATA RAJENDRA	16	17
18	2263151293017	SAHIL BHIVA PAWAR	13	10
19	2263151293018	AREKAR HARSHAD RANGRAO	12	19
20	2263151293019	PATIL ROSHAN DNYANDEV	12	14
21	2263151293020	MULIK SANIKA JOTIRAM	19	18
22	2263151293021	GAWADE PARASHRAMDAS CHANDRAKANT	12	17
23	2263151293022	SURYAWANSHI DURVA		18

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 415201



Sr.No	PRN	Name	Continuous Assessment (CA) Max : 20	Mid-Semester Exam (MSE) Max : 20
24	2263151293023	ABHISHEK VIJAY BHOSALE	13	18
25	2263151293024	BHOGAVKAR KEDAR KAMALAKAR	10	14
26	2263151293025	DOMBE SAMARTH SANDIP	11	17
27	2263151293026	RAUT SWARAJ VITTHAL	15	12
28	2263151293028	PILANKAR RUTUJA SANDIP	17	16
29	2263151293030	KHOT AKSHADA SURESH	12	16
30	2263151293031	PATIL SAHIL RAVINDRA	14	14
31	2263151293032	HAJARE ANKITA AVAGHADI	17	17
32	2263151293033	PATIL VAIJAYANTI DATTATRAY	18	18
33	2263151293034	HARSHADA MAHESH BHADEKAR	18	17
34	2263151293548	KURANE ABHISHEK BABAN	11	10
35	23063151293501	JADHAV SHUBHAM ANIL	10	16
36	23063151293502	ZIMUR PRATHAMESH POPAT	12	13
37	23063151293503	PATIL VAIBHAV MARUTI	12	13
38	23063151293504	PAWAR SANIKA BHIKAJI	16	16
39	23063151293505	HINDULE SHUBHAM VIJAY	12	13
40	23063151293506	PATIL PARAS PRAKASH	15	10
41	23063151293507	KASOTE PRATHAMESH SUNIL	16	16
42	23063151293508	SUTAR PRATIKSHA DILIP	9	14
43	23063151293509	SURYAWANSHI MAYURESH LALASAHEB	18	19
44	23063151293510	HARALE VINAYAK UTTAM	11	14
45	23063151293511	AKIWATE RUTUJA RAJENDRA	9	14
46	23063151293512	PARIT AVINAS JAGDISH	12	13
47	23063151293513	PATIL HARSHAVARDHAN SANJAY	14	16
48	23063151293514	BABAR SIDDHIKA RAHUL	14	16
49	23063151293515	DESAI AKANKSHA DHANAJI	14	16
50	23063151293516	KORAVI JADHAV	9	14
51	23063151293517	GIRIGOSAVI VIKAS	13	13

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Sonwar Peth, Panhala - 416 204



Sr.No	PRN	Name	Continuous Assessment (CA) Max : 20	Mid-Semester Exam (MSE) Max : 20
52	23063151293518	PATIL ATHARV RAJENDRA	15	14 <u>Spab</u>
53	23063151293519	KUMBHAR SNEHAL YASHWANT	14	16 <u>54P</u>
54	23063151293520	VIBHUTE SHREYASH SHIVPRASAD	15	17 <u>84.</u>
55	23063151293521	NARAKE SOHAM SANJAY	13	14 <u>84.84</u>
56	23063151293522	GOLE VAISHNAVI DATTATRAY	18	18 <u>82.82</u>
57	23063151293523	PADALKAR TEJASWINI KERBA	13	17 <u>Padalkar</u>
58	23063151293524	CHOUGALE SHAILESH NETAJI	12	14 <u>84.84</u>
59	23063151293525	NANGARE VIJAYKUMAR SHRIKANT	12	16 <u>V.S. Nangare</u>
60	23063151293526	PHAD DIPAK MAHADEV	15	15 <u>Dipak</u>
61	23063151293527	WALVEKAR PRASAD PRAKASH	14	17 <u>Prak.</u>
62	23063151293528	PATIL TANMAY MADHUKAR	10	14 <u>Tanmay</u>
63	23063151293529	MAGADUM PRAJWAL DHONDIRAM	13	14 <u>Prajwal</u>
64	23063151293530	SANAGAR SIDDHANT SHRIKANT	12	14 <u>Sanagar</u>
65	23063151293531	KAMBLE PRATIKSHA VILAS	13	10 <u>Prat.</u>
66	23063151293532	PATIL SHUBHAM DAYANAND	14	10 <u>SDPatil</u>
67	23063151293533	DONE SHWETA SUNIL	11	14
68	23063151293534	JADHAV SHUBHAM BAPUSO	14	10 <u>Shubh</u>
69	23063151293535	CHOUGALE KARAN SANJAY	13	16 <u>Kar.</u>
70	23063151293536	PATIL PRAJAKTA SHIVAJI	13	10
71	23063151293537	PATIL KEDAR SACHIN	13	10 <u>K.S. Patil</u>
72	23063151293538	BURUD SANKET SHIVAJI	13	10 <u>Sanket</u>
73	23063151293539	SHINGE SAKSHI JANARDAN	11	14 <u>Shinge</u>

Faculty Name : A.A.PATIL

Faculty Signature : (A.A. Patil)

Faculty Confirmation On : 29-December-2023, 17:05 PM

HOD Name : Vivek Vinayak Puranik

HOD Signature : (Vivek Puranik)

HOD Confirmation On : 31-December-2023, 16:29 PM



(Principal Signature)
PRINCIPAL

Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

**Dr. Babasaheb Ambedkar Technological University****LONERE - RAIGAD, MAHARASHTRA**

(Established by Government of Maharashtra & Governed by Dr. Babasaheb Ambedkar Technological University Act No. XXIX of 2014)

SEMESTER GRADE REPORT

EXAMINATION : SUMMER SEMESTER EXAMINATIONS 2024
FACULTY : ENGINEERING AND TECHNOLOGY
INSTITUTE NAME : SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE, PANHALA
PROGRAMME : BACHELOR OF TECHNOLOGY (ELECTRICAL ENGINEERING)
PRN : T2163151293527 SEMESTER: EIGHTH
STUDENT'S NAME : PUSALKAR SURABHI SANJAY

SUBJECT CODE	SUBJECT NAME	CREDITS	GRADE
BTEEP801F	INTRODUCTION TO INDUSTRY 4.0 AND INDUSTRIAL INTERNET OF THINGS	3	CC
BTEEP802	INHOUSE PROJECT PART-II /INTERNSHIP IN INDUSTRY	12	EX

CURRENT SEMESTER PERFORMANCE			CUMMULATIVE PERFORMANCE		
CREDITS	GRADE POINTS	SGPA	CREDITS	GRADE POINTS	CGPA
15	141	9.40	122	950.5	7.79

FIRST CLASS WITH DISTINCTION

12/07/2024

DATE :

**CONTROLLER OF EXAMINATIONS**



Sr. No. : 1295290

Dr. Babasaheb Ambedkar Technological University**LONERE - RAIGAD, MAHARASHTRA**

(Established by Government of Maharashtra & Governed by Dr. Babasaheb Ambedkar Technological University Act No. XXIX of 2014)

SEMESTER GRADE REPORT

EXAMINATION : SUMMER SEMESTER EXAMINATIONS 2024

FACULTY : ENGINEERING AND TECHNOLOGY

INSTITUTE NAME : SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE, PANHALA

PROGRAMME : BACHELOR OF TECHNOLOGY (ELECTRICAL ENGINEERING)

PRN : T2163151293504

SEMESTER: EIGHTH

STUDENT'S NAME : PATIL SAMMED SIDGONDA

SUBJECT CODE	SUBJECT NAME	CREDITS	GRADE
BTEEP801F	INTRODUCTION TO INDUSTRY 4.0 AND INDUSTRIAL INTERNET OF THINGS	3	CC
BTEEP802	INHOUSE PROJECT PART-II /INTERNSHIP IN INDUSTRY	12	EX

CURRENT SEMESTER PERFORMANCE			CUMMULATIVE PERFORMANCE		
CREDITS	GRADE POINTS	SGPA	CREDITS	GRADE POINTS	CGPA
15	141	9.40	122	947.5	7.77

FIRST CLASS WITH DISTINCTION

12/07/2024



DATE :

CONTROLLER OF EXAMINATIONS

AG1625		18																																						
	A	B	C	E	F	G	H	I	J	L	M	N	O	P	Q	S	T	U	V	W	X	Z	AA	AB	AC	AD	AE	AG	AH	AI	AJ	AK	AL	AN	AO	AP	AQ	AR	AS	
1570	11293	2263151293534	Sanket Shankar Patil	17	AB	9999	0	17	FF	16	AB	3	0	19	FF	16	AB	0	0	16	FF	16	AB	0	0	16	FF													
1571	11293	2263151293535	Adhav Ranjeet Ashok	17	5	32	0	54	DE	16	8	8	0	32	FF	16	AB	9999	0	16	FF	17	14	16	0	47	FF													
1572																																								
1573																																								
1574	Dr. Babasaheb Ambedkar Technological																																							
1575	Summer Semester Examinations 2024																																							
1576	Institute Code: 6315																																							
1577																																								
1578	Branch Code	PRN	Student Name	BTEEC601 Switchgear and Protection						BTEEC602 Electrical Machine Design						BTEEC603 Control System Engineering						BTEEPE604A Flexible AC Transmission System						BTEEPE604B Smart Grid Technology						BTEEPE604C Modeling, Simulation and Control of Electric Drives						
CA (20)				MSE (20)	ESE (60)	Grace Marks Allocated	Total (With Grace)	Grade	CA (20)	MSE (20)	ESE (60)	Grace Marks Allocated	Total (With Grace)	Grade	CA (20)	MSE (20)	ESE (60)	Grace Marks Allocated	Total (With Grace)	Grade	CA (20)	MSE (20)	ESE (60)	Grace Marks Allocated	Total (With Grace)	Grade	CA (20)	MSE (20)	ESE (60)	Grace Marks Allocated	Total (With Grace)	Grade	CA (20)	MSE (20)	ESE (60)	Grace Marks Allocated	Total (With Grace)	Grade		
1579	11293	2163151293001	Ghatage Pradhumna	12	8	22	0	42	EE	15	15	3	0	33	FF	10	10	26	0	46	EE							12	8	12	0	32	FF							
1580	11293	2163151293002	Patil Kartik Sanjay	12	9	39	0	60	DD	14	18	18	2	52	DE	17	12	33	0	62	CD							17	15	29	0	61	CD							
1581	11293	2163151293003	Patil Rutuja Raju	12	13	30	0	55	DE	17	16	9	0	42	FF	17	13	25	0	55	DE							19	15	34	0	68	CC							
1582	11293	2163151293004	Lale Ashwini Mangesh	16	12	29	0	57	DD	16	18	20	0	54	DE	20	18	34	0	72	BC							19	9	33	0	61	CD							
1583	11293	2163151293006	Kamble Aditya Arjun	12	8	26	0	46	EE	16	16	10	0	42	FF	14	15	27	0	56	DD							16	6	34	0	56	DD							
1584	11293	2163151293007	Kamble Sujata Pralhad	12	8	5	0	25	FF	13	17	7	0	37	FF	15	14	17	3	49	EE							16	6	24	0	46	EE							
1585	11293	2163151293008	Patil Yash Laxman	15	11	21	0	47	EE	18	17	16	4	55	DE	10	14	33	0	57	DD							19	18	30	0	67	CC							
1586	11293	2163151293010	Bidkar Sanika Balaso	12	8	35	0	55	DE	15	16	25	0	56	DD	15	15	21	0	51	DE							16	9	35	0	60	DD							
1587	11293	2163151293011	Prasad Sonam Ramesh	12	10	10	0	32	FF	18	17	12	0	47	FF	18	15	33	0	66	CC							18	15	25	0	58	DD							
1588	11293	2163151293012	Patil Pratik Jotiram	15	10	25	0	50	EE	15	14	13	0	42	FF	17	13	17	3	50	EE							17	13	33	0	63	CD							
1589	11293	2163151293013	Bange Rushikesh	18	10	26	0	54	DE	20	14	8	0	42	FF	16	15	33	0	64	CD							18	9	33	0	60	DD							
1590	11293	2163151293014	Patil Saurabh Suresh	12	8	24	0	44	EE	17	14	11	0	42	FF	17	14	28	0	59	DD							15	12	35	0	62	CD							
1591	11293	2163151293015	Patankar Akib Shabbir	15	10	21	0	46	EE	18	18	21	0	57	DD	15	16	30	0	61	CD							18	13	37	0	68	CC							
1592	11293	2163151293016	Mhetar Saurabh Sarjerao	19	16	31	0	66	CC	20	19	27	0	66	CC	20	19	27	0	66	CC							18	18	39	0	75	BC							
1593	11293	2263151293501	Omkar Sanjay Mane	15	6	28	0	49	EE	16	17	10	0	43	FF	14	16	25	0	55	DE							13	16	16	0	45	FF							
1594	11293	2263151293502	Patil Dipali Shripati	14	14	42	0	70	CC	15	16	5	0	36	FF	18	14	29	0	61	CD							17	12	37	0	66	CC							
1595	11293	2263151293503	Bhandari Sanika Dilip	18	11	45	0	74	BC	19	19	29	0	67	CC	18	18	24	0	60	DD							20	17	33	0	70	CC							
1596	11293	2263151293504	Khopkar Mayuri Hariba	17	9	38	0	64	CD	18	17	24	0	59	DD	18	16	36	0	70	CC							20	12	35	0	67	CC							
1597	11293	2263151293505	Parit Ritesh Chandrakant	17	13	35	0	65	CD	16	17	6	0	39	FF	14	15	13	0	42	FF							10	17	24	0	51	DE							
1598	11293	2263151293506	Shelke Sakshi Jeevan	15	8	41	0	64	CD	20	16	17	3	56	DD	17	15	32	0	64	CD							20	17	30	0	67	CC							
1599	11293	2263151293507	Mullani Yunus Dastagir	12	12	32	0	56	DD	18	15	7	0	40	FF	15	14	10	0	39	FF							14	7	35	0	56	DD							
1600	11293	2263151293508	Kumbhar Adinath Jalindar	5	15	2	0	22	FF	10	15	8	0	33	FF	10	10	24	0	44	EE							8	12	29	0	49	EE							
1601	11293	2263151293509	Patil Shivraj Vidyanand	5	15	1	0	21	FF	19	6	9	0	34	FF	10	10	11	0	31	FF							16	4	22	0	42	EE							
1602	11293	2263151293510	Malave Karan Chandrakant	7	13	22	0	42	EE	17	13	24	0	54	DE	14	9	11	0	34	FF							18	16	38	0	72	BC							
1603	11293	2263151293511	Charapale Satyaajeet Shamarao	12	8	24	0	44	EE	11	14	24	0	49	EE	14	9	28	0	51	DE							14	6	21	0	41	EE							
1604	11293	2263151293512	Akshada Ramesh Sangar	13	11	35	0	59	DD	19	19	28	0	66	CC	19	15	12	0	46	FF							20	19	37	0	76	BB							
1605	11293	2263151293513	Jadhav Sarang Mahesh	16	6	21	0	43	EE	19	10	13	0	42	FF	12	9	9	0	30	FF							14	6	34	0	54	DE							
1606	11293	2263151293514	Chougale Ruteraj Ramchandra	4	16	7	0	27	FF	10	14	7	0	31	FF	11	9	5	0	25	FF							14	6	20	0	40	EE							
1607	11293	2263151293515	Adulkar Shilpa Batu	8	12	9999	0	20	FF	13	10	7	0	30	FF	11	9	6	0	26	FF							13	7	25	0	45	EE							
1608	11293	2263151293516	Powar Bhushan Subhash	17	3	3	0	23	FF	10	14	7	0	31	FF	13	8	7	0	28	FF							12	8	14	0	34	FF							
1609	11293	2263151293517	Nadaf Mostaqahmad Iqbal	5	15	20	0	40	EE	10	14	8	0	32	FF	11	9	5	0	25	FF							13	7	21	0	41	EE							
1610	11293	2263151293518	Charapale Rohini Pandurang	9	11	25	0	45	EE	18	7	16	0	41	FF	10	14	12	0	36	FF							11	9	29	0	49	EE							
1611	11293	2263151293519	Gurnole Bhimraj Krishnaji	5	15	29	0	49	EE	10	10	6	0	26	FF	12	13	9	0	34	FF							11	9	39	0	59	DD							
1612	11293	2263151293520	Patil Aditya Vijay	8	12	36	0	56	DD	19	11	9	0	39	FF	11	10	5	0	26	FF							16	11	34	0	61	CD							
1613	11293	2263151293521	Maralkar Mrunal Mahesh	14	6	21	0	41	EE	16	18	9	0	43	FF	18	15	4	0	37	FF							15	9	30	0	54	DE							
1614	11293	2263151293522	Suraj Kiran Patil	5	15	8	0	28	FF	10	10	4	0	24	FF	10	10	5	0	25	FF							8	12	20	0	40	EE							
1615	11293	2263151293523	Lokhande Pruthviraj Atul	5	15	4	0	24	FF	20	6	3	0	29	FF	13	11	3	0	27	FF							12	8	22	0	42	EE							
1616	11293	2263151293524	Chougale Uday Sarjerao	17	16	33	0	66	CC	19	17	32	0	68	CC	17	17	22	0	56	DD							20	19	29	0	68	CC							
1617	11293	2263151293526	Patil Neha Ashok	16	12	37	0	65	CD	16	17	13	0	46	FF	20	15	20	0	55	DE							19	12	34	0	65	CD							
1618	11293																																							