

Mechanical Engineering (2022-23)

Assignment Name : India Energy Report **Subject :** Energy Engineering - Theory

Faculty: Milind Patil
Group: SEM-8: BEME-B

Marks: 30

India Energy Report

ındıa Ene	rgy Report			
Sr.No.	Roll No.	Name	Q. 1:	Total
			Prepare a detailed report on India's Energy Insight.	
			Report should contain	
			Major energy reforms by Indian government	
			• Progress in sustainable development	
			Major energy supply and demand	
			Political system and energy governanceGovernance of public companies	
			Energy and climate policy	
			Energy taxation and subsidy	
			• Energy data and statistics in India	
			• Energy consumption by sector	
			Energy efficiency policies and programmesRenewable energy supply and demand trend	
			Renewable energy policy and regulation	
			Detailed review on coal as Indian fuel power	
			[30.00]	
Í	1	Tushar Palve		
2	2	Dhiraj Pandit	10	10.00
3	5	Dhananjay Pathade		
4	6	Abhishek Patil	15	15.00
5	7	Durvas Patil	12	12.00
6	11	Akash Pawar		
7	12	Darshan Pawar	10	10.00
8	13	Roshan Pawar	12	12.00
9	14	Vinay Pawar	10	10.00
10	18	Mayur Porje	12	12.00
11	19	Pradip Gupta	12	12.00
12	20	Raj Prajapati	15	15.00
13	22	Arpita Purne	12	12.00
14	23	Raheel Ahmed Momin	10	10.00
15	27	Tushar Sabale		
16	29	Aniket Salve		
17	32	Shashank Sawarkar	12	12.00
18	36	Sahil Shaikh		
19	41	Ajinkya Shinde		

20	46	Siddharth Bagul		
21	47	Aman Singh		
22	48	Hemant Singh	10	10.00
23	50	Nishant Solanki	15	15.00
24	52	Rushikesh Sonawane	10	10.00
25	53	Saurav Sonawane		
26	55	Sumeet Rokade	12	12.00
27	56	Sumit Pawar	10	10.00
28	57	Kapil Suryavanshi		
29	61	Taranjot Singh Gurmeet Singh		
30	65	Roshan Vishwakarma	15	15.00
31	67	Prafful Waghmare	10	10.00
32	69	Hrutvik Walve	15	15.00
33	70	Kunal Wankhede	15	15.00
34	71	Harsh Yeola	15	15.00
35	73	Aatmesh Patre		

	Q. 1:
	Prepare a detailed report on India's Energy Insight.
	Report should contain
	 Major energy reforms by Indian government Progress in sustainable development Major energy supply and demand Political system and energy governance Governance of public companies Energy and climate policy Energy taxation and subsidy Energy data and statistics in India Energy consumption by sector Energy efficiency policies and programmes Renewable energy supply and demand trend Renewable energy policy and regulation Detailed review on coal as Indian fuel power
Number of student(s) attempted question	22
Percentage of student(s) above threshold	0.00
Linked Course Outcome	CO1
Attainment	0

Course Outcome	CO1	CO2	CO3	CO4	CO5	CO6
Final Attainment	0	0	0	0	0	0

1 Last published on 2023-05-29 08:38:59



Mechanical Engineering (2022-23)

Assignment Name: Design and Analysis of Reheat Rankine Cycle

Subject : Energy Engineering - Theory

Faculty: Milind Patil Group: SEM-8: BEME-B

Marks: 30

11/10/23, 1:33 AM

Design and Analysis of Reheat Rankine Cycle

Design	and Ana	alysis of Reheat Rai	nkine Cycle	
Sr.No.	Roll No.	Name	Q. 1 Consider a steam power plant that operates on a reheat Rankine cycle and has a net power output of 80 MW. Steam enters the high-pressure turbine at 10 MPa and 500°C and the low-pressure turbine at 1 MPa and 500°C. Steam leaves the condenser as a saturated liquid at a pressure of 10 kPa. The isentropic efficiency of the turbine is 80 percent, and that of the pump is 95 percent. Show the cycle on a <i>T-s</i> diagram with respect to saturation lines, and determine (a) the quality (or temperature, if superheated) of the steam at the turbine exit, (b) the thermal efficiency of the cycle, and (c) the mass flow rate of the steam. Create an EES programme and evaluate the performance of the reheat cycle at a various operating pressure of – 14, 12, 10, 8 and 6 Mpa. Assume the same inlet temperature of the steam, condenser pressure and isentropic efficiencies. Compare the performance of reheat Rankine cycle with the simple Rankine cycle with a maximum pressure of 10 MPa. Assume same isentropic efficiency, inlet temperature and condenser pressure On observing the performance comment and justify the statements made by you [30.00]	Total
1	1	Tushar Palve		
2	2	Dhiraj Pandit	0	0.00
3	5	Dhananjay Pathade		
4	6	Abhishek Patil	15	15.0
5	7	Durvas Patil	15	15.0
6	11	Akash Pawar		
7	12	Darshan Pawar	20	20.0
8	13	Roshan Pawar	30	30.0
9	14	Vinay Pawar	20	20.0
10	18	Mayur Porje		
11	19	Pradip Gupta	10	10.0
12	20	Raj Prajapati	15	15.0
13	22	Arpita Purne	15	15.0
14	23	Raheel Ahmed Momin	20	20.0
15	27	Tushar Sabale		
16	29	Aniket Salve		
17	32	Shashank Sawarkar	20	20.0
18	36	Sahil Shaikh		
19	41	Ajinkya Shinde		
20	46	Siddharth Bagul		

21	47	Aman Singh		
22	48	Hemant Singh	15	15.00
23	50	Nishant Solanki	25	25.00
24	52	Rushikesh Sonawane	25	25.00
25	53	Saurav Sonawane		
26	55	Sumeet Rokade	18	18.00
27	56	Sumit Pawar	10	10.00
28	57	Kapil Suryavanshi		
29	61	Taranjot Singh Gurmeet Singh	10	10.00
30	65	Roshan Vishwakarma	15	15.00
31	67	Prafful Waghmare	25	25.00
32	69	Hrutvik Walve	15	15.00
33	70	Kunal Wankhede	25	25.00
34	71	Harsh Yeola	30	30.00
35	73	Aatmesh Patre		

Q. 1

Consider a steam power plant that operates on a reheat Rankine cycle and has a net power output of 80 MW. Steam enters the high-pressure turbine at 10 MPa and 500°C and the low-pressure turbine at 1 MPa and 500°C. Steam leaves the condenser as a saturated liquid at a pressure of 10 kPa. The isentropic efficiency of the turbine is 80 percent, and that of the pump is 95 percent. Show the cycle on a *T-s* diagram with respect to saturation lines, and determine (a) the quality (or temperature, if superheated) of the steam at the turbine exit, (b) the thermal efficiency of the cycle, and (c) the mass flow rate of the steam.

Create an EES programme and evaluate the performance of the reheat cycle at a various operating pressure of -14, 12, 10, 8 and 6 Mpa. Assume the same inlet temperature of the steam, condenser pressure and isentropic efficiencies.

Compare the performance of reheat Rankine cycle with the simple Rankine cycle with a maximum pressure of 10 MPa. Assume same isentropic efficiency, inlet temperature and condenser pressure

On observing the performance comment and justify the statements made by you

[30.00]

Number of

Attainment

student(s) attempted question	
Percentage of student(s) above threshold	50.00
Linked Course Outcome	CO1

Course Outcome	CO1	CO2	CO3	CO4	CO5	CO6
Final Attainment	1.00	0	0	0	0	0

1 Last published on 2023-05-29 08:39:16



Mechanical Engineering (2022-23)

Assignment Name: Design and Analysis of Steam Condenser

Subject : Energy Engineering - Theory

Faculty: Milind Patil
Group: SEM-8: BEME-B

Marks: 30

Design and performance analysis of steam surface condenser for steam thermal power plant.

Design	and Ana	alysis of Steam Cor	ndenser	
Sr.No.	Roll No.	Name	A shell-and-tube type condenser is to be designed for a coal fired power station of 200 MWe. Steam enters the turbine at 5 MPa and 400°C (h = 3195.7 kJ/kg). The condenser pressure is 10 kPa (0.1 bar). The thermodynamic efficiency of the turbine $\eta_t = 0.85$. The actual enthalpy of steam entering the condenser at 0.1 bar is calculated to be h = 2268.4 kJ/kg with 80% quality. The condenser is to be designed without subcooling. A single tube pass is used and the cooling water velocity is assumed to be 2 m/s. Cooling water is available at 20°C and can exit the condenser at 30°C. Allowable total pressure drop on tube side is 35 kPa. The tube wall thermal conductivity $k = 111$ W/m.K	Total
1	1	Tushar Palve		
2	2	Dhiraj Pandit	15	15.00
3	5	Dhananjay Pathade		
4	6	Abhishek Patil	15	15.00
5	7	Durvas Patil	15	15.00
6	11	Akash Pawar		
7	12	Darshan Pawar	15	15.0
8	13	Roshan Pawar	00	0.00
9	14	Vinay Pawar	20	20.0
10	18	Mayur Porje		
11	19	Pradip Gupta	15	15.0
12	20	Raj Prajapati	30	30.0
13	22	Arpita Purne	15	15.0
14	23	Raheel Ahmed Momin	25	25.0
15	27	Tushar Sabale		
16	29	Aniket Salve		
17	32	Shashank Sawarkar	20	20.0
18	36	Sahil Shaikh		
19	41	Ajinkya Shinde		
20	46	Siddharth Bagul		
21	47	Aman Singh		
22	48	Hemant Singh	15	15.0
23	50	Nishant Solanki	25	25.0

Design	and Ana	alysis of Steam Cor	ndenser	
Sr.No.	Roll No.	Name	A shell-and-tube type condenser is to be designed for a coal fired power station of 200 MWe. Steam enters the turbine at 5 MPa and 400°C (h = 3195.7 kJ/kg). The condenser pressure is 10 kPa (0.1 bar). The thermodynamic efficiency of the turbine $\eta_t = 0.85$. The actual enthalpy of steam entering the condenser at 0.1 bar is calculated to be h = 2268.4 kJ/kg with 80% quality. The condenser is to be designed without subcooling. A single tube pass is used and the cooling water velocity is assumed to be 2 m/s. Cooling water is available at 20°C and can exit the condenser at 30°C. Allowable total pressure drop on tube side is 35 kPa. The tube wall thermal conductivity $k = 111$ W/m.K	Total
24	52	Rushikesh Sonawane	12	12.00
25	53	Saurav Sonawane		
26	55	Sumeet Rokade	15	15.00
27	56	Sumit Pawar	15	15.00
28	57	Kapil Suryavanshi		
29	61	Taranjot Singh Gurmeet Singh	0	0.00
30	65	Roshan Vishwakarma	15	15.00
31	67	Prafful Waghmare	10	10.00
32	69	Hrutvik Walve	10	10.00
33	70	Kunal Wankhede	20	20.00
34	71	Harsh Yeola	25	25.00
35	73	Aatmesh Patre		

Q. 1

A shell-and-tube type condenser is to be designed for a coal fired power station of 200 MWe. Steam enters the turbine at 5 MPa and 400°C (h = 3195.7 kJ/kg). The condenser pressure is 10 kPa (0.1 bar). The thermodynamic efficiency of the turbine $\eta_t = 0.85$. The actual enthalpy of steam entering the condenser at 0.1 bar is calculated to be h = 2268.4 kJ/kg with 80% quality. The condenser is to be designed without subcooling. A single tube pass is used and the cooling water velocity is assumed to be 2 m/s. Cooling water is available at 20°C and can exit the condenser at 30°C. Allowable total pressure drop on tube side is 35 kPa. The tube wall thermal conductivity k = 111 W/m.K

	[30.00]
Number of student(s) attempted question	22
Percentage of student(s) above threshold	31.82
Linked Course Outcome	CO2
Attainment	1

Course Outcome	CO1	CO2	CO3	CO4	CO5	CO6
Final Attainment	0	1.00	0	0	0	0

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Mechanical Engineering (2022-23)

Assignment Name: Hydro Power Plant Site Selection Report

Subject : Energy Engineering - Theory

Faculty: Milind Patil Group: SEM-8: BEME-B

Marks: 30

Hydro Power Plant Site Selection Report

Hydro F	Power Pla	nt Site Selection Report		
Sr.No.	Roll No.	Name	Q.1 Consider the requirement of installation of small hydro power plant in near by Village River. Prepare a report on site selection, survey and construction [30.00]	Total
1	1	Tushar Palve		
2	2	Dhiraj Pandit	12	12.00
3	5	Dhananjay Pathade		
4	6	Abhishek Patil	15	15.00
5	7	Durvas Patil	10	10.00
6	11	Akash Pawar		
7	12	Darshan Pawar	10	10.00
8	13	Roshan Pawar	10	10.00
9	14	Vinay Pawar	10	10.00
10	18	Mayur Porje		
11	19	Pradip Gupta	15	15.00
12	20	Raj Prajapati	15	15.00
13	22	Arpita Purne	15	15.00
14	23	Raheel Ahmed Momin	25	25.00
15	27	Tushar Sabale		
16	29	Aniket Salve		
17	32	Shashank Sawarkar	15	15.00
18	36	Sahil Shaikh		
19	41	Ajinkya Shinde		
20	46	Siddharth Bagul		
21	47	Aman Singh		
22	48	Hemant Singh	12	12.00
23	50	Nishant Solanki	12	12.0
24	52	Rushikesh Sonawane	10	10.00
25	53	Saurav Sonawane		
26	55	Sumeet Rokade	12	12.0
27	56	Sumit Pawar	12	12.00
28	57	Kapil Suryavanshi		

Hydro F	Power Pla	nt Site Selection Report		
Sr.No.	Roll No.	Name	Q.1 Consider the requirement of installation of small hydro power plant in near by Village River. Prepare a report on site selection, survey and construction [30.00]	Total
29	61	Taranjot Singh Gurmeet Singh	12	12.00
30	65	Roshan Vishwakarma	12	12.00
31	67	Prafful Waghmare	25	25.00
32	69	Hrutvik Walve	12	12.00
33	70	Kunal Wankhede	15	15.00
34	71	Harsh Yeola	15	15.00
35	73	Aatmesh Patre		

	Q.1 Consider the requirement of installation of small hydro power plant in near by Village River. Prepare a report on site selection, survey and construction [30.00]
Number of student(s) attempted question	22
Percentage of student(s) above threshold	77.27
Linked Course Outcome	CO3
Attainment	2

Course Outcome	CO1	CO2	CO3	CO4	CO5	CO6
Final Attainment	0	0	2.00	0	0	0

1 Last published on 2023-05-29 08:40:00



Mechanical Engineering (2022-23)

Assignment Name: Design and Evaluation of Reheat Regenerative GTPP

Subject : Energy Engineering - Theory

Faculty: Milind Patil Group: SEM-8: BEME-B

Marks: 30

Design and Evaluation of Reheat Regenerative GTPP

Design	aliu Eva	lluation of Reheat Rege		
Sr.No.	Roll No.	Name	Q.1 Consider the reheat and regenerative gas turbine cycle to be analyzed for the various operating parameters with the considerations of the irreversibility, pressure loss and effect of air fuel ratio. Design your own cycle, develop a computer programme and evaluate the performance of this cycle. [30.00]	Total
1	1	Tushar Palve		
2	2	Dhiraj Pandit	15	15.0
3	5	Dhananjay Pathade		
4	6	Abhishek Patil	20	20.0
5	7	Durvas Patil	15	15.0
6	11	Akash Pawar		
7	12	Darshan Pawar	10	10.0
8	13	Roshan Pawar	20	20.0
9	14	Vinay Pawar	12	12.0
10	18	Mayur Porje		
11	19	Pradip Gupta	12	12.0
12	20	Raj Prajapati	6	6.00
13	22	Arpita Purne	20	20.0
14	23	Raheel Ahmed Momin	25	25.0
15	27	Tushar Sabale		
16	29	Aniket Salve		
17	32	Shashank Sawarkar	12	12.0
18	36	Sahil Shaikh		
19	41	Ajinkya Shinde		
20	46	Siddharth Bagul		
21	47	Aman Singh		
22	48	Hemant Singh	6	6.00
23	50	Nishant Solanki	30	30.0
24	52	Rushikesh Sonawane	12	12.0
25	53	Saurav Sonawane		
26	55	Sumeet Rokade	18	18.0

Design	and Eva	luation of Reheat Rege	enerative GTPP	
Sr.No.	Roll No.	Name	Q. 1 Consider the reheat and regenerative gas turbine cycle to be analyzed for the various operating parameters with the considerations of the irreversibility, pressure loss and effect of air fuel ratio. Design your own cycle, develop a computer programme and evaluate the performance of this cycle. [30.00]	Total
27	56	Sumit Pawar	15	15.00
28	57	Kapil Suryavanshi		
29	61	Taranjot Singh Gurmeet Singh	18	18.00
30	65	Roshan Vishwakarma	12	12.00
31	67	Prafful Waghmare	12	12.00
32	69	Hrutvik Walve	12	12.00
33	70	Kunal Wankhede	25	25.00
34	71	Harsh Yeola	12	12.00
35	73	Aatmesh Patre		

	Q. 1
	Consider the reheat and regenerative gas turbine cycle to be analyzed for the various operating parameters with the considerations of the irreversibility, pressure loss and effect of air fuel ratio. Design your own cycle, develop a computer programme and evaluate the performance of this cycle. [30.00]
Number of student(s) attempted question	22
Percentage of student(s) above threshold	36.36
Linked Course Outcome	CO4
Attainment	1

Course Outcome	CO1	CO2	CO3	CO4	CO5	CO6
Final Attainment	0	0	0	1.00	0	0

1 Last published on 2023-05-29 08:40:21



Mechanical Engineering (2022-23)

Assignment Name: Design and Evaluation of Reheat Regenerative GTPP

Subject : Energy Engineering - Theory

Faculty: Milind Patil Group: SEM-8: BEME-B

Marks: 30

Design and Evaluation of Reheat Regenerative GTPP

Design	aliu Eva	lluation of Reheat Rege		
Sr.No.	Roll No.	Name	Q.1 Consider the reheat and regenerative gas turbine cycle to be analyzed for the various operating parameters with the considerations of the irreversibility, pressure loss and effect of air fuel ratio. Design your own cycle, develop a computer programme and evaluate the performance of this cycle. [30.00]	Total
1	1	Tushar Palve		
2	2	Dhiraj Pandit	15	15.0
3	5	Dhananjay Pathade		
4	6	Abhishek Patil	20	20.0
5	7	Durvas Patil	15	15.0
6	11	Akash Pawar		
7	12	Darshan Pawar	10	10.0
8	13	Roshan Pawar	20	20.0
9	14	Vinay Pawar	12	12.0
10	18	Mayur Porje		
11	19	Pradip Gupta	12	12.0
12	20	Raj Prajapati	6	6.00
13	22	Arpita Purne	20	20.0
14	23	Raheel Ahmed Momin	25	25.0
15	27	Tushar Sabale		
16	29	Aniket Salve		
17	32	Shashank Sawarkar	12	12.0
18	36	Sahil Shaikh		
19	41	Ajinkya Shinde		
20	46	Siddharth Bagul		
21	47	Aman Singh		
22	48	Hemant Singh	6	6.00
23	50	Nishant Solanki	30	30.0
24	52	Rushikesh Sonawane	12	12.0
25	53	Saurav Sonawane		
26	55	Sumeet Rokade	18	18.0

Design	and Eva	luation of Reheat Rege	enerative GTPP	
Sr.No.	Roll No.	Name	Q. 1 Consider the reheat and regenerative gas turbine cycle to be analyzed for the various operating parameters with the considerations of the irreversibility, pressure loss and effect of air fuel ratio. Design your own cycle, develop a computer programme and evaluate the performance of this cycle. [30.00]	Total
27	56	Sumit Pawar	15	15.00
28	57	Kapil Suryavanshi		
29	61	Taranjot Singh Gurmeet Singh	18	18.00
30	65	Roshan Vishwakarma	12	12.00
31	67	Prafful Waghmare	12	12.00
32	69	Hrutvik Walve	12	12.00
33	70	Kunal Wankhede	25	25.00
34	71	Harsh Yeola	12	12.00
35	73	Aatmesh Patre		

	Q. 1
	Consider the reheat and regenerative gas turbine cycle to be analyzed for the various operating parameters with the considerations of the irreversibility, pressure loss and effect of air fuel ratio. Design your own cycle, develop a computer programme and evaluate the performance of this cycle. [30.00]
Number of student(s) attempted question	22
Percentage of student(s) above threshold	36.36
Linked Course Outcome	CO4
Attainment	1

Course Outcome	CO1	CO2	CO3	CO4	CO5	CO6
Final Attainment	0	0	0	1.00	0	0

1 Last published on 2023-05-29 08:40:21



Mechanical Engineering (2022-23)

Assignment Name: Wind Energy Presentation

Subject : Energy Engineering - Theory

Faculty : Milind Patil
Group : SEM-8: BEME-B

Marks: 30

Wind Energy Presentation

Wind E	nergy Pre	sentation		
Sr.No.	Roll No.	Name	Prepare a presentation on Wind Energy a Renewable Source of energy. Presentation should include India wind energy scenario Wind energy estimation Wind energy techniques Hybrid wind and solar energy technology Economics of wind energy	Tota
1	1	Tushar Palve		
2	2	Dhiraj Pandit	12	12.00
3	5	Dhananjay Pathade		
4	6	Abhishek Patil	15	15.00
5	7	Durvas Patil	12	12.0
6	11	Akash Pawar		
7	12	Darshan Pawar	10	10.0
8	13	Roshan Pawar	00	0.00
9	14	Vinay Pawar	25	25.0
10	18	Mayur Porje	12	12.0
11	19	Pradip Gupta	10	10.0
12	20	Raj Prajapati	10	10.0
13	22	Arpita Purne	30	30.0
14	23	Raheel Ahmed Momin	14	14.0
15	27	Tushar Sabale		
16	29	Aniket Salve		
17	32	Shashank Sawarkar	15	15.0
18	36	Sahil Shaikh		
19	41	Ajinkya Shinde		
20	46	Siddharth Bagul		
21	47	Aman Singh		
22	48	Hemant Singh	10	10.0
23	50	Nishant Solanki	12	12.0
24	52	Rushikesh Sonawane	10	10.0
25	53	Saurav Sonawane		

Wind E	nergy Pre	sentation		
Sr.No.	Roll No.	Name	Q. 1 Prepare a presentation on Wind Energy a Renewable Source of energy. Presentation should include • India wind energy scenario • Wind energy estimation • Wind energy techniques • Hybrid wind and solar energy technology • Economics of wind energy	Total
26	55	Sumeet Rokade	15	15.00
27	56	Sumit Pawar	15	15.00
28	57	Kapil Suryavanshi		
29	61	Taranjot Singh Gurmeet Singh	15	15.00
30	65	Roshan Vishwakarma	15	15.00
31	67	Prafful Waghmare	15	15.00
32	69	Hrutvik Walve	15	15.00
33	70	Kunal Wankhede	10	10.00
34	71	Harsh Yeola	10	10.00
35	73	Aatmesh Patre		

	Q. 1 Prepare a presentation on Wind Energy a Renewable Source of energy. Presentation should include • India wind energy scenario • Wind energy estimation • Wind energy techniques • Hybrid wind and solar energy technology • Economics of wind energy [30.00]
Number of student(s) attempted question	23
Percentage of student(s) above threshold	65.22
Linked Course Outcome	CO6
Attainment	2

Course Outcome	CO1	CO2	CO3	CO4	CO5	CO6
Final Attainment	0	0	0	0	0	2.00

1 Last published on 2023-05-29 08:42:40

Students Score - (Practical Assessment) Threshold 50%

		Practical As	ssessment									
Roll No	Name	To design shel [10.00 Marks]	Case study on [10.00 Marks]	Estimation of [10.00 Marks]	Case study on [10.00 Marks]	Design and per [10.00 Marks]	Prepare a tech [10.00 Marks]	Trial on Steam [10.00 Marks]	Trial on diese [10.00 Marks]		Total	Mark As Absent
1	Tushar Palve	4	0	0	0	0	7	7	7	Saved	25	
2	Dhiraj Pandit	6	6	6	9	4	8	8	8	Saved	55	
3	Harman Singh Panesar	5	5	4	4	4	8	8 \$	8	Saved	46	
4	Parth Sonawane	4	4	4	7	6	8	8	8	Saved	49	. 🗆
5	Dhananjay Pathade	5	5	7	6	4	6	7	7	Saved	47	
6	Abhishek Patil	4	4	4	7	7	8	8	8	Saved	50	
7	Durvas Patil	4	0	6	6	4	7	6	8	Saved	41	
8	Harshraj Patil	4	4	4	4	4	7	6	7	Saved	40	
9	Mayur Patil	4	4	5	8	6	9	8	8	Saved	52	
10	Sahil Patil	8	8	8	8	9	9	9	8	Saved	67	
11	Akash Pawar	4	4	4	4	4	6	0	6	Saved	32	
12	Darshan Pawar	7	8	8	8	9	9	8	8	Saved	65	
13	Roshan Pawar	5	5	6	6	4	7	7	8	Saved	48	
14	Vinay Pawar	4	4	4	4	4	6	6	6	Saved	38	
15	Vishal Pawar	4	0	4	4	4	8	8	7	Saved	39	
16	Albaksh Pinjari	7	8	8	7	6	9	8	8	Saved	61	
17	Sameer Pinjari	7	8	8	7	9	8	8	8	Saved	63	
18	Mayur Porje									Save	0	
19	Pradip Gupta	4	4	4	4	4	6	7	8	Saved	41	
20	Raj Prajapati	3	4	4	7	7	9	8	8	Saved	50	
21	Geeta Pure	9	7	8	7	5	9	8	8	Saved	61	
22	Arpita Purne	4	9	8	8	4	9	8	8	Saved	58	
23	Raheel Ahmed Momin	7	7	7	5	4	8	8	8	Saved	54	. 0
24	Rahul Chaudhary	4	4	4	4	4	7	6	7	Saved	40	
25	Rohit Patil	7	8	8	9	8	9	9	9	Saved	67	
26	Rupal Karad	5	5	9	5	7	8	8	8	Saved	55	
27	Tushar Sabale	4	4	4	4	4	6	0	6	Saved	32	
28	Rahul Sadgir	4	4	4	4	4	7	7	7	Saved	41	
29	Aniket Salve									Save	0	

		Practical As	sessment									
Roll No	Name	To design shel [10.00 Marks]	Case study on [10.00 Marks]	Estimation of [10.00 Marks]	Case study on [10.00 Marks]	Design and per [10.00 Marks]	Prepare a tech [10.00 Marks]	Trial on Steam [10.00 Marks]	Trial on diese [10.00 Marks]		Total	Mark As Absent
30	Yash Sangale	7	7	8	9	8	7	9	8	Saved	63	
31	Gajanan Sarode	10	8	8	9	9	10	8	9	Saved	71	
32	Shashank Sawarkar	4	4	4	4	5	8	0	8	Saved	37	
33	Altamash Ali Sayyed	9	8	7	8	9	9	8	9	Saved	67	
34	Anas Shaikh	7	8	8	8	8	8	8	8	Saved	63	
35	Nouman Shaikh	4	4	4	4	4	4	8	8	Saved	40	
36	Sahil Shaikh	5	5	4	4	4	8	8	8	Saved	46	
37	Shahbaaz Shaikh	5	5	4	5	8	8	8	8	Saved	51	
38	Prasad Shelke	4	4	5	5	5	7	6	8	Saved	44	
39	Shailesh Shelke	9	7	7	7	9	8	8	8	Saved	63	
40	Atharva Shimpi	4	4	4	6	6	8	8	8	Saved	48	
41	Ajinkya Shinde									Save	0	
42	Sanket Shinde	8	8	4	5	5	8	8	8	Saved	54	
43	Yogesh Shirsath	8	9	8	7	8	8	8	8	Saved	64	
44	Shreya Wishwakarma	8	9	7	8	8	8	8	8	Saved	64	
45	Shubham Patil	9	9	8	8	9	9	7	8	Saved	67	
46	Siddharth Bagul	6	4	5	0	5	8	6	6	Saved	40	
47	Aman Singh	8	8	4	7	7	8	8	8	Saved	58	
48	Hemant Singh	4	4	4	4	4	6	6	6	Saved	38	
49	Vijay Sisode	9	6	9	8	7	9	8	9	Saved	65	
50	Nishant Solanki	5	5	6	6	9	8	8	8	Saved	55	
51	Kunal Sonawane	5	7	7	9	8	7	9	8	Saved	60	
52	Rushikesh Sonawane	5	5	7	6	4	7	8	7	Saved	49	
53	Saurav Sonawane	4	4	4	4	4	6	6	6	Saved	38	
54	Suyash Sonawane	0	4	4	3	5	8	7	7	Saved	38	
55	Sumeet Rokade	4	7	8	9	8	8	8	9	Saved	61	
56	Sumit Pawar	4	4	6	6	8	8	8	8	Saved	52	
57	Kapil Suryavanshi	4	4	4	4	4	8	7	6	Saved	41	
58	Radhika Suryawanshi	9	9	8	8	5	9	8	8	Saved	64	
59	Suyash Dhavan	4	4	4	4	4	7	7	4	Saved	38	

		Practical Assessment										
Roll No	Name	To design shel [10.00 Marks]	Case study on [10.00 Marks]	Estimation of [10.00 Marks]	Case study on [10.00 Marks]	Design and per [10.00 Marks]	Prepare a tech [10.00 Marks]	Trial on Steam [10.00 Marks]	Trial on diese [10.00 Marks]		Total	Mark As Absent
60	Aditya Tappu	8	8	8	8	6	8	8	8	Saved	62	
61	Taranjot Singh Gurmeet Singh	4	4	4	4	4	8	8	8	Saved	44	
62	Ketan Telore	4	4	4	4	4	10	9	10	Saved	49	
63	Chinmay Thakur	8	8	8	9	8	8	8	8	Saved	65	
64	Vedant Purandare	4	4	4	4	4	10	9	9	Saved	48	
65	Roshan Vishwakarma	5	5	5	7	4	8	8	8	Saved	50	
66	Aditya Waghchaure	7	7	8	5	9	8	8	8	Saved	60	
67	Prafful Waghmare	5	5	5	4	7	8	7	8	Saved	49	
68	Ganesh Waichal	4	0	4	0	5	8	8	8	Saved	37	
69	Hrutvik Walve	4	4	4	7	4	8	7	8	Saved	46	
70	Kunal Wankhede	8	8	8	4	8	9	9	9	Saved	63	
71	Harsh Yeola	4	0	4	6	5	8	7	8	Saved	42	
72	Yuvraj Ingale	7	4	4	7	4	9	8	8	Saved	51	
73	Aatmesh Patre									Save	0	

SAVE ALL

	To design shel	Case study on	Estimation of	Case study on	Design and per	Prepare a tech	Trial on Steam	Trial on diese
Number of student(s) attempted question	69	69	69	69	69	69	69	69
Percentage of student(s) above threshold	53.62	53.62	53.62	63.77	57.97	98.55	95.65	98.55
Linked course outcome	CO1	CO2	соз	CO4	CO5	CO6	CO7	CO8
Attainment	1	1	1	2	1	3	3	3

Course outcome	CO1	CO2	соз	CO4	CO5	CO6	CO7	CO8
Final attainment	1.00	1.00	1.00	2.00	1.00	3.00	3.00	3.00

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