

PROGRAM ASSEMENT COMMITTEE REPORT

A.Y.: 2023-24 (Odd Semester)

➤ **Student strength**

Academic Year	FE	SE	TE	BE	Total
2023-24	14	5	17 (14+9 ^{\$})	59 (12+47 ^{\$})	95
2022-23	8	33 (15+18 ^{\$})	79 (12+5 [#] +62 ^{\$})	91 (86+5 [#])	211 (121+10 [#] +80 ^{\$})
2021-22	17	80 (12+5 [#] +63 ^{\$})	92 (87+5 [#])	137 (131+06 [#])	326 (228+16 [#])
2020-21	15 (10+05 [#])	91 (26+05 [#] +60 ^{\$})	137 (131+06 [#])	181 (176+05 [#])	424 (402+21 [#])
2019-20	27 (22+05 [#])	134 (80+06 [#] +48 ^{\$})	166 (161+5 [#])	142 (136+6 [#])	469 (447+22 [#])

#: TFWS, \$: DSE

➤ **Academic Details**

Particulars	SE/TE/BE
Commencement Date	10/07/2023(TE/BE) and 17/07/2023 (SE)
Last Teaching Day	31/10/2023
Total Working Days	77 (SE), 83(TE/BE)
Completed Working Days	25(SE), 31(TE/BE)
Available Days	47(SE), 47(TE/BE)

Enrolment Ratio = N1 / N

Year	N1	N	Enrolment Ratio = N1 / N	Percentage
2023-2024	14	30	0.4667	46.67
2022-2023	8	60	0.1333	13.33
2021-2022	17	60	0.2833	28.33



Average	0.2944	29.44
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Sanctioned intake of the program (N)

Total number of students admitted in first year minus number of students migrated to other programs/institutions plus no. Of students migrated to his program (N1)

➤ **Attendance**

Sr. No.	Academic Session	Class/Semester	Average Attendance (%)	Syllabus Coverage (%)
1	2023-2024 [Odd Semester]	SE/III Sem	83.21	56.09
2		TE/V Sem	83.69	51.01
3		BE/VII Sem	77.39	53.00
4			80.64	53.65

➤ **Result Analysis**

Analysis of SEM III Result (last 5 Years):

SEM	A.Y. (2018-19) Sem III	A.Y. (2019-20) Sem III	A.Y. (2020-21) Sem III	A.Y. (2021-22) Sem III	A.Y. (2022-23) Sem III
No. Of Students Appeared	145	133	91	80	33
No. Of Students Passed	93	70	91	80	9
No. Of Students Failed	52	63	0	0	24
Percentage of Passing (%)	64.14	52.63	100	100	27.27
8.25 & Above [75 & above%]	8	8	79	38	3
GPA 7.75 To 8.24 [70-74.99%]	5	7	7	26	1
GPA 7.25 To 7.74 [65-69.99%]	17	11	2	13	1
GPA 6.75 To 7.24 [60-64.99%]	18	22	2	2	2
GPA 5.35 To 6.74 [50-59.99%]	45	22	1	1	2



GPA 4 To 5.34 [40-49.99%]	1	0	0	0	0
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Analysis of SEM IV Result (last 5 Years):

SEM	A.Y. (2018-19) Sem IV	A.Y. (2019-20) Sem IV	A.Y. (2020-21) Sem IV	A.Y. (2021-22) Sem IV	A.Y. (2022-23) Sem IV
No. Of Students Appeared	144	135	91	79	33
No. Of Students Passed	112	135	89	32	6
No. Of Students Failed	32	0	2	47	27
Percentage of Passing (%)	77.78	100	97.8	40.50	18.18
8.25 & Above [75 & above%]	11	51	88	2	1
GPA 7.75 To 8.24 [70-74.99%]	8	28	1	3	0
GPA 7.25 To 7.74 [65-69.99%]	12	34	0	6	2
GPA 6.75 To 7.24 [60-64.99%]	20	16	0	9	3
GPA 5.35 To 6.74 [50-59.99%]	61	0	0	12	0
GPA 4 To 5.34 [40-49.99%]	7	0	0	0	0

Analysis of SEM V Result (last 5 Years):

SEM	A.Y. (2018-19) Sem V	A.Y. (2019-20) Sem V	A.Y. (2020-21) Sem V	A.Y. (2021-22) Sem V	A.Y. (2022-23) Sem V
No. Of Students Appeared	133	165	137	92	79
No. Of Students Passed	87	112	134	92	33
No. Of Students Failed	46	53	3	0	46
Percentage of Passing (%)	65.41	67.28	97.81	100	41.77



8.25 & Above [75 & above%]	5	18	127	60	2
GPA 7.75 To 8.24 [70-74.99%]	7	8	2	15	3
GPA 7.25 To 7.74 [65-69.99%]	14	18	1	12	4
GPA 6.75 To 7.24 [60-64.99%]	18	22	1	3	6
GPA 5.35 To 6.74 [50-59.99%]	43	46	3	2	18
GPA 4 To 5.34 [40-49.99%]	3	0	0	0	0

Analysis of SEM VI Result (last 5 Years):

SEM	A.Y. (2018-19) Sem VI	A.Y. (2019-20) Sem VI	A.Y. (2020-21) Sem VI	A.Y. (2021-22) Sem VI	A.Y. (2022-23) Sem VI
No. Of Students Appeared	133	166	137	91	79
No. Of Students Passed	101	166	136	56	44
No. Of Students Failed	32	0	1	35	35
Percentage of Passing (%)	75.94	100	99.27	61.53	55.70
8.25 & Above [75 & above%]	3	74	130	8	4
GPA 7.75 To 8.24 [70-74.99%]	5	27	1	6	3
GPA 7.25 To 7.74 [65-69.99%]	19	36	3	13	5
GPA 6.75 To 7.24 [60-64.99%]	20	23	1	13	4
GPA 5.35 To 6.74 [50-59.99%]	54	6	1	16	26
GPA 4 To 5.34 [40-49.99%]	3	0	0	0	2

Analysis of SEM VII Result (last 5 Years):



SEM	A.Y. (2018-19) Sem VII	A.Y. (2019-20) Sem VII	A.Y. (2020-21) Sem VII	A.Y. (2021-22) Sem VII	A.Y. (2022-23) Sem VII
No. Of Students Appeared	135	142	181	137	91
No. Of Students Passed	128	133	180	137	53
No. Of Students Failed	7	9	1	0	38
Percentage of Passing (%)	94.81	93.66	99.45	100	58.24
8.25 & Above [75 & above%]	7	10	163	124	04
GPA 7.75 To 8.24 [70-74.99%]	27	16	7	6	03
GPA 7.25 To 7.74 [65-69.99%]	25	26	4	3	10
GPA 6.75 To 7.24 [60-64.99%]	30	44	3	2	12
GPA 5.35 To 6.74 [50-59.99%]	39	37	3	2	24
GPA 4 To 5.34 [40-49.99%]	2	1	0	0	0

Analysis of SEM VIII Result (last 5 Years):

SEM	A.Y. (2018-19) Sem VIII	A.Y. (2019-20) Sem VIII	A.Y. (2020-21) Sem VIII	A.Y. (2021-22) Sem VIII	A.Y. (2022-23) Sem VIII
No. Of Students Appeared	135	142	181	137	91
No. Of Students Passed	133	142	181	132	77
No. Of Students Failed	2	0	0	5	14
Percentage of Passing (%)	98.52	100	100	96.35	84.62
8.25 & Above [75 & above%]	28	142	177	32	12
GPA 7.75 To 8.24 [70-74.99%]	36	0	1	85	18



GPA 7.25 To 7.74 [65-69.99%]	42	0	2	36	24
GPA 6.75 To 7.24 [60-64.99%]	22	0	1	13	13
GPA 5.35 To 6.74 [50-59.99%]	5	0	0	16	10
GPA 4 To 5.34 [40-49.99%]	0	0	0	0	0

➤ **Students' Performance**

Number of students successfully graduated without backlog

Year of entry	N1 + N2 +N3 (As defined above)	Number of students who have successfully graduated without backlogs in any semester/year of study (Without Backlog means no compartment or failures in any semester/year of study)			
		1Year	2Year	3Year	4Year
CAY (2023-24)	14	---	---	---	---
CAY m1 (2022-23)	08	01	----	----	----
CAY m2 (2021-22)	35(17+18)	04	(3+2)	----	----
CAY m3 (2020-21)	78(15+63)	15	31(7+24)	22(6+16)	---
CAY m4 (2019-20)	87(27+60)	14	72(13+58)	47(13+34)	36(9+27)
CAY m5 (2018-19)	136 (89+47+0)	40	60(27+33)	60(27+33)	59(26+33)
CAY m6 (2017-18)	144 (95+49+0)	47	69(41+28)	65(38+27)	61(37+24)
CAY m7 (2016-17)	139 (93+46+0)	45	45(30+15)	39(25+14)	39(25+14)
CAY m7 (2015-16)	153(122+31+0)	48	41(32+9)	35(26+9)	33(26+7)
CAY m8(2014-15)	140 (98+42+0)	48	50(37+13)	34(27+7)	34 (27+7)

Number of students graduated successfully

Year of entry	N1 + N2 + N3	Number of students who have successfully graduated
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	(As defined above)	(Students with backlog in stipulated period of study)			
		1Year	2Year	3Year	4Year
CAY (2023-24)	14	—	—	—	—
CAY m1 (2022-23)	08	04	----	----	----
CAY m2 (2021-22)	35(17+18)	17	17	----	----
CAY m3 (2020-21)	78(15+63)	15	78	59	----
CAY m4 (2019-20)	87(27+60)	27	84	55	47
CAY m5 (2018-19)	136 (89+47+0)	50	111	131	122
CAY m6 (2017-18)	144 (95+49+0)	92	91	136	135
CAY m7 (2016-17)	139 (93+46+0)	88	116	111	107
CAY m7 (2015-16)	153 (122+31+0)	118	145	115	110
CAY m8(2014-15)	140 (98+42+0)	96	128	114	111

Success rate without backlogs

Item	LYG (2019-23)	LYGm1 (2018-22)	LYG m2 (2017-21)
Number of students admitted in the corresponding First Year + admitted in 2 nd year via lateral entry and separate division	87	137	152
Number of students who have graduated without backlogs in the stipulated period	36	59	61
Success Index (SI)	0.41	0.43	0.40
Average SI	0.41		
Assessment = 25×Average SI	10.25		

Success rate in stipulated period

Item	LYG (2019-23)	LYGm1 (2018-22)	LYG m2 (2017-21)



Number of students admitted in the corresponding First Year + admitted in 2 nd year via lateral entry and separate division	87	137	152
Number of students who have graduated in the stipulated period	47	122	135
Success Index (SI)	0.54	0.90	0.88
Average SI	0.77		
Assessment= 15×Average SI	11.55		

Academic Performance in BE

Academic Performance	CAY (2022-23)	CAYm1 (2021-22)	CAYm2 (2020-21)
Mean of CGPA or Mean Percentage of all Successful students (X)	7.05	8.27	9.74
Total no. Of successful students (Y)	91	122	179
Total no. Of students appeared in the examination (Z)	91	137	181
$API = X * (Y/Z)$	7.05	7.36	9.63
Average API = (AP1 + AP2 + AP3)/3	8.01		
Academic Performance Level = 1.5 * Average API	12.01		

Academic Performance in TE

Academic Performance	CAY (2022-23)	CAYm1 (2021-22)	CAYm2 (2020-21)
Mean of CGPA or Mean Percentage of all successful students(X)	6.43	7.26	9.33



Total no. Of successful students (Y)	59	72	136
Total no. Of students appeared in the examination (Z)	79	87	137
$API = X * (Y/Z)$	4.80	6.00	9.26
Average API = (AP1 + AP2 + AP3)/3	6.69		
Academic Performance = 1.5 * Average API	10.03		

Academic Performance in SE

Academic Performance	CAY (2022-23)	CAYm1 (2021-22)	CAY m2 (2020-21)
Mean of CGPA or Mean Percentage of all successful students(X)	6.84	6.97	9.32
Total no. Of successful students (Y)	23	31	89
Total no. Of students appeared in the examination (Z)	33	78	91
$API = X * (Y/Z)$	4.77	2.77	9.11
Average API = (AP1 + AP2 + AP3)/3	5.55		
Academic Performance Level = 1.5 * Average API	8.33		

Academic Performance Index (API) of First Year

Academic performance	CAY (2022-23)	CAYm1 2021-22	CAY m2 2020-21
Mean of CGPA of all successful students(X)	6.17	8.11	9.23
Total number of successful students (Y)	1	17	15



Total number of students appeared in the examination (Z)	8	17	15
$API = X*(Y/Z)$	0.771	8.11	9.23
Average API = (AP1 + AP2 + AP3)/3	6.04		
Academic Performance Level = 1.5 * Average API	9.06		

➤ **Placement, Higher Studies and Entrepreneurship:**

Item	CAY (2022-23)	CAY m1 (2021-22)	CAY m2 (2020-21)
Total No. Of Final Year Students (N)	91	137	144
No. Of students placed in companies or Government Sector (x)	33	50	100
No. Of students admitted to higher studies with valid qualifying scores (GATE or equivalent State or National Level Tests, GRE, GMAT etc.) (y)	6*	6	14
No. Of students turned entrepreneur in Engineering/technology (z)	1	4	1
$x + y + z$	40	60	115
Placement Index: $(x + y + z)/N$	0.4395*	0.4379	0.7986
Average placement= (P1 + P2 + P3)/3	0.5587		
Assessment Points = 40 x average placement	22.34		

* Ongoing placements

Students' Placement A.Y (2022-23)

Sr. No.	PID	Name of Students	Company Details	On/Off Campus	Package (Rs.)
1	EU1195003	Singh Nandini Ranjeet Ritu	On Campus	Tetrapak, Pune	600000
2	EU2195042	Rane Yash Prakash Prachi	On Campus	A1 Fence, Dahisar, Mumbai	180000



3	EU11950 22	Choubisa Devang Rajesh Parmeshwari	On Campus	A1 Fence, Dahisar, Mumbai	180000
4	EU21950 16	Gharat Susmit Sanjay Swati	On Campus	A1 Fence, Dahisar, Mumbai	180000
5	EU21950 15	Kadu Vaibhav Naresh Bhavna	On Campus	A1 Fence, Dahisar, Mumbai	180000
6	EU11950 09	Patil Sandesh Vasant Vandana	On Campus	A1 Fence, Dahisar, Mumbai	180000
7	EU21950 01	Thakur Sairaj Milind Kavita	On Campus	A1 Fence, Dahisar, Mumbai	180000
8	EU21950 33	Khan Danish ahamed	On Campus	Chandan Steel Linited/Progressi ve Surface System	180000/1 92000
9	EU11950 18	Rai Shivam Dilip	On Campus	Chandan Steel Linited	180000
10	EU11950 04	Patel Ankit M	On Campus	Aarti Drugs Limited	246400
11	EU11950 01	Sanjog Hariram V	On Campus	Aarti Drugs Limited	246400
12	EU21950 22	Bhushan B Mayekar	On Campus	Aarti Drugs Limited	246400
13	EU21950 07	Mayuresh Rajendra Chaudhari	On Campus	Aarti Drugs Limited	246400
14	EU21950 20	Mohit Vijay Kore	On Campus	Aarti Drugs Limited	246400
15	EU21950 35	Emmanuel Vincent Dsouza	On Campus	Indu Thermoformers Pvt. Ltd.	300000
16	EU21950 03	Pratik Raut	On Campus	KLT Automotives Palghar	180000
17	EU11950 29	Suyash Joshi	On Campus	KLT Automotives, Palghar	180000
18	EU11950 27	Vedant Raut	On Campus	KLT Automotives, Palghar	180000
19	EU11950 16	Parth Cafekar	On Campus	KLT Automotives, Palghar	180000
20	EU11950 06	Chirag Raut	On campus	AARTI DRUGS LIMITED	246400
21	EU21950 27	Sonagra Mukesh Dilipbhai	On Campus	Indu Thermoformers Pvt. Ltd. Vasai	300000
22	EU21950 27	Sonagra Mukesh Dilipbhai	On Campus	Indu Thermoformers Pvt. Ltd. Vasai	300000



23	EU21950 49	Lopes Alister Philip	On Campus	Kumar Metal Pvt. LTD.	300000
24	EU21950 46	Rodrigues Staylon Thomas	On Campus	Kumar Metal Pvt. LTD.	300000
25	EU11950 15	Suryavanshi Ashish Sadashiv	On Campus	Kumar Metal Pvt. LTD.	300000
26	EU21950 57	Pitroda Arpita Paresh	Off Campus	Linit Exports, Borivali	180000
27	EU21950 30	Dasadhikari Pradesh Prabhas	Off Campus	King Craft Industries, Vasai	180000
28	EU2195037	Correia Jeroen Joe	Off Campus	Thermovision, Vasai	250000
29	EU21950 24	Machado Kris Vilas	off Campus	Custom Capsules Private Limited, Boisar	240000
30	EU219502 8	Kuriakose Jessil Kuriakose	off Campus	Tech Mahindra	150000
31	EU219501 3	More Archit Pravin	off Campus	Tata Steel Boisar	150000
32	EU219502 5	Panicker Anand Ajayakumar	off Campus	Dipesh Engineering Works	30000
33	EU219502 8	Kuriakose Jessil Kuriakose	off Campus	Tech Mahindra Andheri	236400

Students' Placement A.Y (2021-22)

Sr. No	Name	In campus/ off campus	Name of Company	Package (Rs.)
1.	Raut Omkar Bhalchandra	On campus	TATA Consultancy Services Limited, Mumbai	336000
2.	Harshal Poojari	On campus	TATA Consultancy Services Limited, Mumbai	336000
3.	Gill Harjinder singh	On campus	Pentagon Space, Bangluru	300000
4.	Omkar Apandkar	On campus	KLT Automotives, Palghar	180000
5.	Prathamesh Lad	On campus	Wipro, Mumbai	350000



6.	D'Mello Ronan Julius Zita	On campus	Ancorp Electricals, Jogeshwari	216000
7.	Chiramal Ithisham	On campus	Infosys, Mumbai	336000
8.	Nilesh Gautam	On campus	Ancorp Electricals, Jogeshwari	216000
9.	Kaustubh Bari	On campus	Anco Motors, Palghar	225000
10.	Sinha Abhishek Ravindra Mangla	On campus	S-Cranes, Talasari	120000
11.	Ranveer Talsaniya	On campus	Anco Motors, Palghar	225000
12.	Bhostekar Adwait Narendra Smita	On campus	S-Cranes, Talasari	120000
13.	Chonkar Uddesh Dharmesh Jayshree	On campus	Elevate HVAC Engineers Pvt. Ltd. Kandivali	180000
14.	Jadhav Nirbhay Madhukar kalpana	On campus	Elevate HVAC Engineers Pvt. Ltd. Kandivali	180000
15.	Gudigar Kalpit nagrajvandana	On campus	Elevate HVAC Engineers Pvt. Ltd. Kandivali	336000
16.	Pathanabbad munafabida	On campus	Elevate HVAC Engineers Pvt. Ltd. Kandivali	180000
17.	Maurya Rajanish Amarchandra Sangeeta	On campus	Elevate HVAC Engineers Pvt. Ltd. Kandivali	180000
18.	Salian Sushanth chandrashekarvijayal axmi	On campus	Elevate HVAC Engineers Pvt. Ltd. Kandivali	180000
19.	Patil Jay Hemant Manisha	On campus	Infosys, Mumbai	336000
20.	Prajan Shetty	On campus	Kumar Metals, Mira Road, Palghar	180000
21.	Mistry Aditya udayanjana	On campus	Kumar Metals, Palghar	180000



22.	Shiravle Pratik Santosh Sujata	On campus	Elevate HVAC Engineers Pvt. Ltd. Kandivali	180000
23.	Yadav Priyanshu Ashok Aarti	On campus	Elevate HVAC Engineers Pvt. Ltd. Kandivali	180000
24.	More Hardik Prakash Pramila	On campus	KLT Automotives, Palghar	225000
25.	Yash Gopinath Patil	On campus	KLT Automotives, Palghar	225000
26.	Prakash Nimbalgundi	On campus	KLT Automotives, Palghar	225000
27.	Danial Jesan	On campus	KLT Automotives, Palghar	225000
28.	Taakemayur	On campus	KLT Automotives, Palghar	225000
29.	Bharat Borate	On campus	KLT Automotives, Palghar	225000
30.	Nikunj Marolya	On campus	KLT Automotives, Palghar	225000
31.	Nafis Ansari	On campus	KLT Automotives, Palghar	225000
32.	Kunal Jain	On campus	KLT Automotives, Palghar/ Kumar Metals Manor	225000/ 300000
33.	Aakash Vishwakarma	On campus	Royal Arc Electrodes Limited, Bhilad	240000
34.	Adesh Kore	On campus	Royal Arc Electrodes Limited, Bhilad	240000
35.	Elizabeth Edakkalathur	On campus	Durian, Palghar	180000
36.	Bhoye Megha	On campus	Durian, Palghar	180000
37.	Ashutosh Roy	On campus	Anco Motor , Palghar	180000
38.	Aditya Das	On campus	Perfect Containers, Pvt. Ltd, Palghar	225000



39.	Shubham Pimple	On campus	Perfect Containers, Pvt. Ltd, Palghar	225000
40.	Jasmeet Joshi	On campus	Perfect Containers, Pvt. Ltd, Palghar	225000
41.	Almeida Aldrick	On campus	Perfect Containers, Pvt. Ltd, Palghar	225000
42.	Ceonne Rumao	On campus	Perfect Containers, Pvt. Ltd, Palghar	225000
43.	Dipak Gupta	On campus	Perfect Containers, Pvt. Ltd, Palghar	225000
44.	Aniket Boire	Off campus	Anand Tools and Equipment, Wada	180000
45.	Siddhey Dulesh Patil	Off campus	Chembond Chemicals Ltd. Boisar	180000
46.	Rohit Sawant	Off campus	KLT, Automotives, Palghar	180000
47.	Yadav Priyanshu Ashok Aarti	Off Campus	Manweir LLC, QATAR	1000000
48.	Tamore Bhavik Nitin	Off Campus	Linc,ltd, Mumbai	213000
49.	Sunny Mohan Chauhan	Off Campus	Tata steel Limited	120000
50.	Aditya Kansara	On campus	TATA Consultancy Services Limited	336000

Higher Studies Data (2022-23):

Sr. No.	Name	Course Name	Name of Institute
1	More Manas Sanjay	Admission in process	
2	Ambrey Vaibhav Vinod	Admission in process	
3	Vartak Anvit Kiran	Admission in process	
4	Dalvi Pranay Hemant	Admission in process	
5	Dbritto Oscar Vincent	Admission in process	



6.	Jadhav Soham Sandesh	Admission in process
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List of Entrepreneur (2022-23):

Sr. No	Name of Students	Name of Company	Address
1	Mestry Siddhant Nandkumar	Suns Products	Vasai (E)

Summary of Placed On-Campus, Off-Campus, Higher studies & Entrepreneur:

BE Mechanical Students pass out in A.Y. 2022-2023		
1	Nos. Of Students on campus Placed	25
2	Nos. Of Students off Campus Placed	8
3	Nos. Of Students gone for Higher Studies	6*
4	No. Of students turned into Entrepreneur	1
Total		40*

*Ongoing

List of Major Recruiters for Mechanical Engineering Department -2022-23 Batch

S.N.	Name of the Company	No. Of students placed	Location
1	Tetra-Pak India Private Limited	1	Pune
2	A1 Fence Products Limited	6	Dahisar
3	Progressive Surface Systems Private Limited	1	Mumbai
4	Chandan Steel Limited	1	Vasai
5	Aarti Drugs Limited	6	Boisar
6	KLT Automotives Tubular Products Limited	4	Palghar



7	Indu Thermoformers Private Limited	2	Vasai
8	Linit Exports Private Limited	1	Borivali
9	Kumar Metals Private Limited	3	Manor

➤ **Internship by Students (2022-23)**

Sr. No	Name of Students	Class	Organization	From	To	Duration (days)
1	Thakur Sairaj Milind	TE-B	Chintamani Engineering Industries India Pvt. Ltd., Vasai	20/06/2022	02/07/2022	13
2	Pitroda Arpita Paresh	TE-B	Suns Products, Vasai	13/06/2022	28/07/2022	15
3	Jessil Kuriakose	BE-A	Chintamani Engineering Industries India Pvt. Ltd., Vasai	20/06/2022	02/07/2022	12
4	Bhavlya Aaron Agnel	BE-A	Chintamani Engineering Industries India Pvt. Ltd., Vasai	20/06/2022	02/07/2022	13
5	Dasadhikari Pradesh Prabhas	BE-A	Suns Products, Vasai	13/06/2022	28/07/2022	15
6	Sanskar Sane	BE	NPCL, Boisar	1/07/2022	31/12/2022	180
7	Nilai Pereira	BE	Kokuyo Camlin Limited	1/07/2022	31/12/2022	180
8	Thakur Chinmay Ajit	SE-A	Tata Steel Global Wires	21/06/2022	20/07/2022	30
9	Patil Dushyant Sudam	SE-B	Hindustan Coca cola Beverages Pvt.Ltd	26/06/2022	10/07/2022	15



10	Desak Parth Dilip	TE-A	Tata Steel Cold Rolling Complex Boisar West	06/12/2022	31/12/2022	25
11	Bhosale Yash Namdev	TE-A	CEMS	12/12/2022	06/12/2022	25
12	Choudhary Aaditya	TE-A	Center of Excellence in Maritime and shipbuilding	12/12/2022	06/01/2023	26
13	Gharat Sarvesh Ranjit	TE-A	KLT Automotive & Tubular Products Ltd	05/12/2022	31/12/2022	26
14	Bawkar Miten Krishna	TE-A	Mahanand Dairy	16/06/2022	04/07/2023	18
15	Bawkar Miten Krishan	TE-A	Western Railway Carriage Repair Workshop.	19/12/2022	02/01/2023	15
16	Dumada Vaibhav Sunil	TE-A	Tata Steel CRC	06/12/2022	09/02/2023	23
17	Akre Abhijeet Niteen	TE-A	Siemens	12/12/2022	06/01/2023	21
18	Sawant Abhishek Suhas	TE-B	Western Railway carriage repair workshop.	19/12/2022	02/01/2023	15
19	Yadav Pravinkumar Surendranath	TE-B	(CEMS) Centre of Excellence in Marinetime and Shipbuilding.	12/12/2022	06/01/2023	20



20	Yadav Pravinkumar Surendranath	TE-B	CEMS ,Centre of Excellence in Marinetime and Shipbuilding	12/12/2022	06/01/2023	26
21	Yadav Pravinkumar Surendranath	TE-B	CEMS, Centre of Excellence in Marinetime and Shipbuilding	12/12/2022	06/01/2023	26
22	Vaity Vinmay Vishal	TE-B	KLT Automotive & Tubular Products LTD	05/12/2022	31/12/2022	25
23	Singh Anubhav Subodhkumar	TE-B	KLT Automotive and tubular plant	05/12/2022	31/12/2022	26
24	Rasal Shubham Sachin Sonal	TE-B	Western railway, carriage repair workshop lower parel Mumbai	19/12/2022	02/01/2023	15
25	Pawar Bhaveshkumar Pravin	TE-B	Tata Steel Global Wires India Limited, Boisar	07/12/2022	30/12/2022	24
26	Rasal Vipul Sanjay	TE-B	Western Railway Carriage Repair Workshop, Lower Parel	19/12/2022	02/01/2023	15
27	Yadav Omkar	TE-B	Western railway, carriage repair workshop, lower patel, Mumbai	19/12/2022	02/01/2023	15
28	Thakare Shreyas Sanjay	TE-B	Aarti Pharmalabs LTD. (Unit 3)	14/12/2022	14/01/2023	31



29	Patil Deep Mahendra	TE-B	Tata Steel Limited	20/12/2022	05/01/2023	16
30	Rawat Nirmal Singh Kundan	TE-B	L&T Energy Hydrocarbon	05/06/2023	15/07/2023	40
31	Yash Rajesh Patel	BE-B	Suns Product pvt limited	14/06/2023	15/07/2023	30
32	Yadav Omkar	BE-B	Suns Product pvt limited	12/06/2023	15/07/2023	33

➤ **Courses completed by students (NPTEL/Coursera/IIRS/ etc.)**

S.N.	Name of Students	Course	Organizer	Duration	Score
1	Aditya Singh	Online Course on “Remote Sensing and Digital Image Analysis”	IIRS	22-08-2022 to 16-09-2022 (21 hours)	Grade: B
2	Mr. Mali Akshay Jaykumar	Online Course On “Remote Sensing and Digital Image Analysis	IIRS	22-08-2022 to 16-09-2022 (21 hrs).	Grade: B
3	Mr. Singh Anurag Anupkumar	Online Course On “Remote Sensing and Digital Image Analysis	IIRS	22-08-2022 to 16-09-2022 (21 hrs).	Grade: A

➤ **Student Achievement**

Sr. No.	Name of Students	Activity	Organiser	Duration	Position
1	Bhavesh kumar Pawar	Introduction to Supply Chain Planning and Scheduling	TCS	13 Aug 2023	-
2	Bhavesh kumar Pawar	What is IOT	Great Learning	August 2023	-



3	Bhavesh kumar Pawar	Introduction to SAP	Great Learning	August 2023	-
4	Bhavesh kumar Pawar	Introduction to Deep learning	Great Learning	July 2023	-

➤ **Faculty Strength**

Items	Professor	Associate Professor	Assistant Professor	Total
Cadre Ratio	01	02	06	09
As per AICTE (1:15) if Department is having NBA	02	03	9	14
Available	00	01	6	7
Required	02	02	3	7

➤ **Faculty Retention**

Description	2023-24	2022-23	2021-22
No of faculty retained	4	9	13
Total number of faculty	17	17	17
Faculty retained (%)	23.52	52.94	76.47
Average Retention (%)	50.97		

➤ **STTP/Guest lecture/Workshop/Seminars/Webinar/Training organised by Faculty**

S.N.	Title of the Seminar/workshop/Training	Organised by	Resource Person	From-To Date	Number of Participants	Learning Outcomes
1	Studying Abroad - How to get your dream admit	Mr. Parag Nikam	Dr. Sibel Ahi Miller Alvernia University	24/03/2023	77	awareness of procedure of application to foreign universities



2	Expert lecture on Total Quality Management	Mr. Uday Prajapati	Dr. Reuben Buthello	17/03/2023 And 24/03/2023	81	knowledge of quality management
3	Awareness program on NDLI	Dr. Kishor Rambhad	Mr. Somnath Shinde	16/03/2023	62	knowledge of NDLI courses
4	Citation and Reference management using Mendeley	Dr. Upendra Maurya	Dr. Upendra Maurya	16/03/2023	80	knowledge of referencing and citation
5	Workshop on Technical Paper writing	Dr. Rajesh Bisane	Dr. Kishor Rambhad	15/03/2023	45	Knowledge of technical paper writing
6	Expert talk on Environmental Impact Assessment	Dr. Rajesh Bisane	Dr. Buddharna Godbole	14/03/2023	43	Knowledge of environmental impact assessment
7	Workshop On 3D Printing	Dr. Vinod Surange	Dr. Vinod Surange	13/03/2023	30	knowledge of 3D printing

➤ **Faculty activities (Workshops, Seminars, STTP/FDP attended by faculty)**

Sr. No.	Faculty Name	Name of the Workshop/ Seminar/ STTP	Date	No. Of days	Organisation
1	Dr. Kishor Rambhad	STTP on "Sustainable Energy Technology for Hydrogen, Solar, Wind and Biomass energy"	04/07/2023 To 08/07/2023	05	G H Raison College of Engineering, Nagpur



2	Mr. Chirag Kale	STTP on “Sustainable Energy Technology for Hydrogen, Solar, Wind and Biomass energy”	04/07/2023 To 08/07/2023	05	G H Raisoni College of Engineering, Nagpur
3	Mr. Sagar R. Patil	Sustainable Energy technology for Hydrogen, Solar, Wind and Biomass Energy	04/07/2023 To 08/07/2023	05	G H Raisoni College of Engineering, Nagpur
4	Dr. Kishor Rambhad	ISTE-Short Term Training Program on NEP 2020 – Building Research Culture and Enhancement of Teaching Learning Process	08/05/2023 to 12/05/2023.	05	St. John Institute of Pharmacy and Research, Palghar
5	Dr. Upendra Maurya	ISTE-Short Term Training Program on NEP 2020 – Building Research Culture and Enhancement of Teaching Learning Process	08/05/2023 to 12/05/2023.	05	St. John Institute of Pharmacy and Research, Palghar
6	Mr. Uday Prajapati	FDP ON TQM	30/04/2023	12 week	NPTEL

➤ **Course completed by faculty**

Sr. No.	Faculty Name	Course	Date	No. Of days	Organisation
1	Mr. Uday Prajapati	NPTEL COURSE ON TQM	30.04.23	12 week	NPTEL

➤ **Faculty Publication (Research paper/Patent/Book/ Book Chapter/ IC/IN/NC/IC)**



Sr. No	Name of Faculty	Publication Details
1	Dr. Kishor Rambhad	Development and investigation of thermal composite insulation from environmentally hazardous waste fly ash, 6 July 2023, Materials Today: Proceedings, (WoS, Scopus).
2	Dr. Kishor Rambhad	Thermal analysis of hybrid nanofluid flowing inside the automobile radiator, 29 June 2023, Materials Today: Proceedings, (WoS, Scopus).

➤ Citations

Sr. No	Name of Faculty	Google Scholar				Scopus			
		Citation	H-index	I10-index	Citation in 2023	Citation	H-index	i10-index	Citation in 2023
1	Dr. Kishor Rambhad	272	8	5	80	167	6	2	46
2	Mr. Kiran Beldar	08	2	0	1	0	0	0	0
3	Mr. Chirag Kale	55	1	1	13	6	2	-	1

➤ Faculty interaction with outside world

Sr. No	Faculty Name	Date	Activity	Organisation
1	Dr. Kishor Rambhad	27.08.2023	Paper Reviewed:- Development of rotary dehumidifier with silica-gel-based composite desiccant	Jordan Journal of Mechanical and Industrial Engineering (Scopus, ESCI)
2	Dr. Kishor Rambhad	26.08.2023	Paper Reviewed:- Study on the performance of tube evaporative cooling dehumidifier based on CFD	Applied Thermal Engineering (Elsevier, SCI)
3	Dr. Kishor Rambhad	5.08.2023	Paper Reviewed:- A perspective on high-temperature heat storage using liquid metal as heat transfer fluid	Energy Storage (Wiley, ESCI)



4	Dr. Kishor Rambhad	15.07.2023	Paper Reviewed:- A review on solar thermal energy storage system using phase change materials	Energy Storage (Wiley, ESCI)
5	Dr. Kishor Rambhad	18.06.2023	Paper Reviewed:- Theoretical and experimental research on heat and mass transfer process of positive pressure condensation dehumidification for humid air	Applied Thermal Engineering (Elsevier, SCI)
6	Dr. Kishor Rambhad	31.05.2023	Paper Reviewed:- Safe Energy Using Hydraulic System Analysis at a Hydropower Plant	International Conference on Recent Advances in Mechanical Engineering and Nanomaterials, ICRAMEN-2023, Pune
7	Dr. Kishor Rambhad	31.05.2023	Paper Reviewed:- Study on Transverse Velocity of Incompressible Dusty Fluid in Electric Field	International Conference on Recent Advances in Mechanical Engineering and Nanomaterials, ICRAMEN-2023, Pune
8	Dr. Kishor Rambhad	29.05.2023	Paper Reviewed- Test and Simulation of the Operational Characteristics of a Water Chiller Based on Dual Evaporation Temperatures	Applied Thermal Engineering (Elsevier, SCI)
9	Dr. Kishor Rambhad	03.05.2023	Paper Reviewed:- An Elementary Review of the Cascade Refrigeration Cycle for Cooling and Heating Simultaneously	International Conference on Recent Advances in Mechanical Engineering and Nanomaterials, ICRAMEN-2023, Pune

➤ **Industries visited**

S.N.	Name of Industry	Organised by	Class/Div	Date of Visit
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1	Printania offset Pvt. Ltd. Palghar	Mr. Sagar Patil	SE (8)	25.08.2023
2	Automation Expo 2023, Mumbai Exhibition Centre, Goregaon	Mr. Uday Prajapati Mr. Aniket Patil	BE-A/B(45)	23.08.2023
3	Industry Visit to NPCIL, Tarapur	Mr. Uday Prajapati	BE-A/B(46)	06.04.2023

- **GATE forum**
- Final Year Students were given a short introduction to GATE, along with its usefulness for PSUs and admission for higher studies. Third year students were also encouraged to apply for GATE.
- Number of Students Interested from Both Years: 29
- Lectures for GATE subjects of Mechanical Engineering Paper have been scheduled weekly on the weekdays as well as on working Saturdays.
- Institute Level lectures are scheduled for Engineering Mathematics and General Aptitude common for all branches.
- Regular short tests are scheduled to assess student progress and also provide practice of virtual calculator.

*** END OF REPORT ***

