

About Us

DEPARTMENT OF MECHANICAL ENGINEERING GOVERNMENT COLLEGE OF ENGINEERING, AMRAVATI



The Department of Mechanical Engineering has been established in 1963-64 in our college. The department offers undergraduate and post graduate courses in Mechanical Engineering. The total intake capacity for the department is 60 for each year in the undergraduate course and 54 for the postgraduate course.

Contact Us

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Courses Offered

Undergraduate Courses

Sr. No.	Name of the Course	Intake Capacity	Year of Starting
1.	B. Tech. Mechanical Engineering	60	1963 – 64

Postgraduate Courses

Sr. No.	Name of the Course	Intake Capacity	Year of Starting
1.	M. Tech. Thermal Power Engineering Part Time	18	1986 – 87
2.	M. Tech. Thermal Engineering Full Time	18	2006 – 07
3.	M. Tech. Production Engineering Full Time	18	2012 – 13

Mechanical Engineering Students Association

EXECUTIVE COMMITTEE

(Academic Year 2012 – 13)

President	Dr. W. Z. Gandhare	
Vice-President	Dr. R. S. Dalu	
Advisor	Prof. M. J. Deshmukh	
Student Secretary	Mr. Gaurav G. Deshmukh	(IV Mechanical)
Joint Secretary	Mr. A. M. Pathak	(III Mechanical)
Treasurer	Mr. Anuj Dongaonkar	(III Mechanical)

Sr. No.	Name of Post	Enrolment Year	Name of the student
1	General Secretary	IV	G. E Deshmukh
2	Joint G.S.	III	A. Pathak
3	Overall Students In charge	IV	Akash Kalurkar
4	Treasurer	III	Anuj Dongaonkar
5	Executive Team	III	Sumit Moharkar
		II	Purvi C Wakhariya
		I	Bipinsagar Bhowate
6	Ladies Representative	IV	Amruta Kulkarni
		III	Priya Patil
		II	Arti Mirge
7	Extra & Co-curricular Activities In charge	III	Pratik Manorkar
		II	Abhishek Meher
		I	Supriya Sawant
8	Cultural Activities In charge	III	Tejaswini Nikhare
		II	Vivek Rajankar
		I	Purohit S V
9	Book Bank & Notice Board In charge	II	Akash Lanjewar
		II	Akshay Bang
		II	Anushree Deulkar

DEPARTMENTAL DETAILS

(a) Laboratories

Sr. No	Name of the Lab	Available Floor area Area Sq.m	Maximum Batch Size	Weekly Hours Required as per curricula	No. of Experiments		Recurring Expenditure (allotted per year)		
					Prescribed	Conducted	2010-11	2011-12	2012-13
1	IC and EC	131.86	20	08	07	07	28,500	27,500	40,000
2	Heat Transfer	160.92	20	08	11	06			
3	Fluid Power	152.86	20	08	11	08			
4	Computer	43.39	20	08	12	06			
5	Metrology	44.71	20	08	07	03			
6	Automobile	113.1	20	-	-	-			
7	Mechanical Measurement	27.45	20	08	08	03			
8	Theory of Machine	160.92	20	08	11	06			
9	Refrigeration & Air Conditioning	65.8	20	08	11	06			
10	Modern Energy Sources	52.0	20	08	09	06			
11	CAD/ CAM	45.0	20	08	12	12			

(b) Major Equipment in the laboratories (Costing >= . 50.000/-)

SN	Equipment		Purchase		Installation Date	Present Condition	
	Name	Make	Date	Cost		Working	Non-Working
1	Diesel Smoke Meter	Neptune	03/05/1994	248710	03/05/1994	Working	
2	Software Pro-Engineer Universe Plus site 30 User	PTC	17/10/2006	859560	17/10/2006	Working	
3	Robot Arm Model 6 x T with Computer	Mtab	28/03/2006	534000	28/03/2006	Working	
4	Desktop PC Processor P-IV	Lenovo	27/02/2006	385299	27/02/2006	Working	
5	ANSYS Software 13.0 5 User	ANSYS INDIA	14/07/2011	353000	14/07/2011	Working	
6	Solid Cam Software 10 User	Solid Works	11/10/2005	308880	11/10/2005	Working	
7	Computer Pentium IV Processor	IBM	26/10/2005	296152	26/10/2005	Working	
8	Server Processor : Intel XCON 3.6 GHZ		09/06/2006	282246	09/06/2006	Working	
9	CAD/CAM Software	Solid	07/02/2004	254800	07/02/2004	Working	

	Solid works 10 Users	Works					
10	CAD-CAM-CAE Software Solid works 10 Users	Solid Works	22/08/2007	344160	22/08/2007	Working	
11	Multimedia Projector EPSON EB-S10	EPSON	03/03/2012	59625	03/03/2012	Working	
12	Desktop Computer System P-IV	IBM	20/06/2006	735590	20/06/2006	Working	
13	Mid Range P.C. Intel Based Core & Duo	Dell	27/07/2009	296460	27/07/2009	Working	
14	Pentium 4 Desktop P.C.	R.P.Tech	12/02/2004	215388	12/02/2004	Working	
15	5 KVA 1 PH-1PH U.P.S.	Dynamit	27/06/2006	164581	27/06/2006	Working	
16	Desktop Computer Model-HP/dx-7380	HP	25/04/2008	158347	25/04/2008	Working	
17	Pelton Wheel Test Rig 3.75 KW		25/03/2009	231540	25/03/2009	Working	
18	Francis Turbine Test Rig		17/08/2009	138557	17/08/2009	Working	
19	Multistag Centrifugal Pump		05/02/1994	63135	05/02/1994	Working	
20	Vibratiion Measurement Tutor		17/05/2006	65838	17/05/2006	Working	
21	Co-Ordinate Measuring Machine	Accurate	15/07/2011	1335692	15/07/2011	Working	
22	Floating Carriage Micrometer with mecha		10/07/2006	163635	10/07/2006	Working	
23	Metzer Profile Projector	Metzer	14/01/2006	139113	14/01/2006	Working	
24	Vortex Tube Refrigerator		03/10/2008	69641	03/10/2008	Working	
25	Digital Copier with Printer Size-A-3	Ricoh	30/04/2009	57048	30/04/2009	Working	
26	Diesel Generator Set 125 KVA	Kirloskar	26/04/2006	1183528	26/04/2006	Working	
27	Four Stroke Four Cylinder Petrol Engine	Indo Lab	25/09/2010	400900	25/09/2010	Working	
28	Compact Portable Five Way Exhaust Gas		14/07/2008	392689	14/07/2008	Working	
29	Variable Compression Ratio Petrol Engine Test	Tech-Ed	18/12/2006	294500	18/12/2006	Working	
30	Computerized Single Cylinder Four Stroke		12/01/2008	237207	12/01/2008	Working	
31	Diesel Generating Set 50KW	Leyland	13/11/1981	119600	13/11/1981	Working	
32	Two Stage Air Compressor Test Rig		26/02/2009	67275	26/02/2009	Working	
33	Complete vibration Apparatus		17/05/2006	59966	17/05/2006	Working	
34	Pyheliometer	EPLAB	18/08/2011	733590	18/08/2011	Working	
35	Solar Pump		12/01/2005	139000	12/01/2005	Working	

36	Artificial Solar Source Equipment		01/03/1994	75799	01/03/1994	Working	
37	Wind Turbine Generator		24/12/2004	62000	24/12/2004	Working	

(c) FINANCIAL STATEMENT

Year	Total Budget		Budget for Major Equipment		Budget for Minor Equipment		Budget for Operation & Maintenance	
	Allocated	Spent	Allocated	Spent	Allocated	Spent	Allocated	Spent
2012-13	27,52,000	16,67,829	25,26,000	15,12,075	1,50,000	1,15,562	76,000	40,192
2011-12	26,77,327	26,49,881	24,81,907	24,81,907	1,52,420	1,52,420	43000	15,554
2010-11	7,43,564	7,42,698	4,00,900	4,00,900	3,04,764	3,04,764	37900	37034
2009-10	8,38,393	8,34,323	4,92,065	4,92,065	3,04,293	3,04,293	42,035	37,965

Staff details

SN	Name	Designation	Qualification	Email ID
1	Dr. R. S. Dalu	Associate Professor	Ph.D.	dalurajendra@gcoea.ac.in
2	Prof. M. M. Deshmukh	Associate Professor	M.E.	deshmukh.mangesh@gcoea.ac.in
3	Dr. R. B. Yarasu	Associate Professor	Ph.D.	yarasu.ravindra@gcoea.ac.in
4	Dr. A. G. Matani	Associate Professor	Ph.D.	matani.ashok@gcoea.ac.in
5	Prof. S. M. Lavankar	Assistant Professor	M.Tech.	lawankar.shailendra@gcoea.ac.in
6	Prof. R. M. Metkar	Assistant Professor	M.Tech.	metkar.rajesh@gcoea.ac.in
7	Prof. H. S. Farkade	Assistant Professor	M.Tech.	farkade.hemant@gcoea.ac.in
8	Prof. M. S. Satpute	Assistant Professor	B.E.	satpute.monika@gcoea.ac.in
9	Prof. M. J. Deshmukh	Assistant Professor	M.E.	deshmukh.manish@gcoea.ac.in
10	Prof. R. S. Mohod	Assistant Professor	B.E.	mohod.ranjeet@gcoea.ac.in
11	Prof. M. T. Shete	Assistant Professor	M.E.	shete.manish@gcoea.ac.in
12	Prof. P. R. Pachghare	Assistant Professor	M.E.	pachghare.pramod@gcoea.ac.in
13	Prof. R. D. Agham	Assistant Professor	M.Tech.	agham.rahul@gcoea.ac.in

MECHANICAL ENGINEERING DEPARTMENT
MAIN TIME TABLE S – 2013

Day/ Time	10.30 to 11.30	11.30 to 12.30	12.40 to 1.40	1.40 to 2.40		3.10 to 4.10	4.10 to 5.10	5.10 to 6.10
<u>MON</u>	MP MJD M2	FM PRP M2	M1-FM(SVN),M3- MP(SGD),M2-		R	TE&EC HSF		
VII	M1-CSE,M2-HT(KRR) M3-MD-II (SSP),M4-		IMQC Dr.AGM	ORM HSR M2		E	MD-II RMM	
VIII	ICE(E-II) MMD M1	ORT Dr.RSD	RAC(E-III) RBY M1	CIM MTS M1	C	MI-CIM (DSD), M2- RAC(E-III) (SYN)		MESA
<u>TUE</u> IV	FM PRP M2	TE&EC HSF M2	M2-FM(SVN),M3-CAD M1-KOM (ASA), M4-MP			C	MP MJD	
VI	M1-HT(KRR),M2- CSE,M3-CL(MSM),M4-		IMQC Dr.AGM	ORM HSR M2	E	CSE SSK		
VIII	ORT Dr.RSD	RAC(E- III)	CIM MTS M1	ICE(E-II) MMD M1		E	M2-CIM(RSK),M1- RAC(E-III) (ADP)	
<u>WED</u>	M3-FM (SLK), M1-MP M4-KOM (SAM), M2-		MP MJD M1	TE&EC HSF M1	S	FM PRP M1		
VI	HT SML M2	MD-II RMM M2	M1-MD-II(SSJ),M2- CL(PRC),M3-CSE,M4-			S	CSE SSK	
VIII	RAC(E-III) RBY M1	ORT Dr.RSD.	SEMINAR/PROJECT		S	M3-CIM(AAM),M4- RAC(E-III) (NGJ)		
<u>THU</u>	M4-FM(SLK),M1- CADM3-		FM PRP M2	TE&EC HSF M2		S	KOM AAP M1	
VI	IMQC	HT	M1-CL(PRC),M2-MD- II(SSJ)			MESA		
VIII	CIM	ORT	ICE(E- II)MMD	RAC(E- III)RBY M1		M4- CIM(GGM);		
<u>FRI</u>	M/c Drg.AAP	M/c Drg.AAP	KOMAAP TOM LAB			MPMJD M2		
VI	ORMAMM M2	MD- IIRMM	HTSML M2	CSESSK M2		MESA		
VIII	---	CIMMTS M1	ICE(E- II)MMD	ORT(T)Dr.RSD M1		MESA		
Day/ <u>SAT</u>	MESA		MESA					
VI	MINAR PROJECT		INDUSTRIAL LECT.-I					
VIII	SEMINAR/PROJECT		SEMINAR/PROJECT					