

Innovations by the Faculty in Teaching and Learning

Following are the innovation work made by the faculty of department which is available on institute website and ready for review

1. Teaching and learning with YouTube channel:

Objective:

1. To improve the performance of students by learning from home with a digital platform.
2. To increase student engagement in learning.
3. To improve student learning outcomes and a more flexible teaching and learning environment.

Table 1 shows the details of Innovative Teaching and Learning Methods used by faculty which is based on you tube videos

Table 1 Details of You tube videos of faculty

Sr.No	Name	Name of Subject	Class	Name of Topic	Name	Tool used	Aim and Objectives	Results/ Outcome	Link	Review and Critiques
1	Prof S. K. Dahake	Numerical Methods and Optimization	TE	How to use MATLAB on smart phone	Youtube Video	MATLAB	To make use of Smart phone for program learning	Make student comfortable with MATLAB	https://www.youtube.com/watch?v=YB-PEqIWoe8	sachind_ioe@bkc.met.edu
2	Dr. H. A. Chavan	Turbomachinery	TE	Working of Pelton wheel Turbine	Youtube Video	Video	To understand the working of impulse turbine for calculating its efficiency	Working Concept for the impulse turbine is easily understood by the students	https://www.youtube.com/watch?v=-sqJ3M7i_Ak&t=39s	harshalc_ioe@bkc.met.edu
		Turbomachinery	TE	Working of impact of jet	Youtube Video	Video	To understand the working of impact of jet for calculating its efficiency	Working Concept for the impulse momentum principle is easily understood by the students	https://www.youtube.com/watch?v=mIhUqfH--SU&t=71s	harshalc_ioe@bkc.met.edu
		Turbomachinery	TE	Working of impact of jet	Youtube Video	Video	To understand the working of impact of jet for calculating its efficiency	Working Concept for the impulse momentum principle is easily understood by the students	https://www.youtube.com/watch?v=mIhUqfH--SU&t=71s	harshalc_ioe@bkc.met.edu

2. Teaching and learning with innovative models:

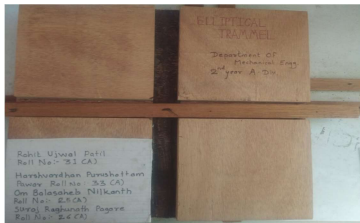
Objectives:

1. To improve the performance and involvement into the subject with the help of models.
2. To increase student engagement in learning.
3. To create an interactive learning environment for the interactive teaching learning process.

Table 2 shows the details of details of innovative models used by faculty for teaching the concepts

Table 2 Details of innovative models used by faculty for teaching the concepts

Sr. No	Staff Name/ Name of Model	Subject	Photo	Aim and Objectives	Results/ Outcome	Review and Critiques
1	Dr. M. P. Ray/ Turbine Blade arrangements	Turbo machinery		To understand the three different arrangements of turbine blades	Better understanding of concept	milindr_ioe@bkc.met.edu

Sr. No	Staff Name/ Name of Model	Subject	Photo	Aim and Objectives	Results/ Outcome	Review and Critiques
2	Mr. V. P. Chaudhari/ Scotch Yoke mechanism	-SME -TOM -KOM		To understand the principle, construction and working of Scotch Yoke mechanism	The students conceived an idea and envisioned the tangible operational principles of mechanisms.	vishalpc_ioe@bkc.met.edu
3	Mr. V. P. Chaudhari/ Elliptical Trammel	-SME -TOM -KOM		To understand the principle, construction and working of mechanism	The students conceived an idea and envisioned the tangible operational principles of mechanisms.	vishalpc_ioe@bkc.met.edu
4	Mr. V. P. Chaudhari/ Cam & follower mechanism	-TOM -KOM		To understand the principle, construction and working of CAM and Follower	The students conceived an idea and envisioned the tangible operational principles of mechanisms.	vishalpc_ioe@bkc.met.edu

Learning material like PDF, PPTs, Text files available on institute ERP for students

Sr. No	Name of faculty	Subject	Topic	Link (URL)	Type
1	Prof (Dr) M. P. Ray	Fluid Mechanics (2015)	Properties of Fluid	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12023000451	TEXT
		Computational Fluid Dynamics (2015)	Vector & Navier Stokes Equation	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12018000115	TEXT
		Turbo Machines (2015)	Fundamental Laws, Unit I	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12023000632	TEXT
		Engineering Thermodynamics (2019)	Ideal Gas Laws (Unit II)	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12023000628	TEXT
		Engineering Thermodynamics (2019)	Properties of Pure Substances, Steam Tables (Unit IV)	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12023000629	TEXT
		Engineering Thermodynamics (2019)	Natural and Artificial Draught, Boilers (Unit VI)	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12023000630	TEXT
		Fluid Mechanics (2019)	Properties Of Fluid (Unit I)	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12023000452	TEXT
		Fluid Mechanics (2019)	Pressure Measurement (Unit Ii)	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12023000620	TEXT
		Fluid Mechanics (2019)	Fluid Static Forces (Unit Ii)	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12023000621	TEXT
		Fluid Mechanics (2019)	Buoyancy (Unit Ii)	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12023000622	TEXT
		Fluid Mechanics (2019)	Fluid Kinematics (Unit Iii)	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12023000623	TEXT
		Fluid Mechanics (2019)	Fluid Dynamics (Unit Iv)	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12023000624	TEXT
		Fluid Mechanics (2019)	Laminar And Turbulent Flow (Unit IV)	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12023000631	TEXT
		Fluid Mechanics (2019)	Flow Through Pipes (Unit V)	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12023000625	TEXT
		Fluid Mechanics (2019)	Boundary Layer Theory (Unit V)	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx/12023000626	TEXT

		Fluid Mechanics (2019)	Dimensional Analysis And Model Laws (Unit VI)	https://erp.metbhujbalknowledgecity.ac.in/e/material/uploadmaterial.aspx/12023000627	TEXT
		Mechatronics (2019)	Unit I	https://erp.metbhujbalknowledgecity.ac.in/e/material/uploadmaterial.aspx/12023000668	TEXT
2	Dr. S. V. Ingle	CAD/CAM(2015)	University Paper	http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AP012013007110013.pdf	PDF
		Energy Audit and Management	Notes-Energy Action Planning	http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SI082006000400005.pdf	PDF
		Energy Audit and Management	Basics Of Energy And Its Various Forms	http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SI082006000400002.pdf	PDF
		Energy Audit and Management	Energy Management And Audit	http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SI082006000400003.pdf	PDF
		Energy Audit and Management	Energy Scenario	http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SI082006000400001.pdf	PDF
		Energy Audit and Management	Financial Management	http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SI082006000400006.pdf	PDF
		Energy Audit and Management	Global Environmental Concerns	http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SI082006000400009.pdf	PDF
		Energy Audit and Management	Material And Energy Balance	http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SI082006000400008.pdf	PDF
		Energy Audit and Management	Project Management	http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SI082006000400007.pdf	PDF
4	Prof. S. K. Dahake	Finite Element Analysis (2015)	Unit I	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460026.pptx	PPT
		Finite Element Analysis (2015)	Unit II	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460027.pptx	PPT
		Finite Element Analysis (2015)	Unit IV	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460028.pptx	PPT
		Numerical Methods and Optimization (2015)	Unit I	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460020.pptx	PPT
		Numerical Methods and Optimization (2015)	Unit II	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460021.pptx	PPT
		Numerical Methods and Optimization (2015)	Unit III	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460022.pptx	PPT

		Numerical Methods and Optimization (2015)	Unit IV	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460023.pptx	PPT
		Numerical Methods and Optimization (2015)	Unit V	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460024.pptx	PPT
		Numerical Methods and Optimization (2015)	Unit VI	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460025.pptx	PPT
		Artificial Intelligence & Machine Learning (2019)	Demo Of AI	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460001.mp4	VIDEO
		Artificial Intelligence & Machine Learning (2019)	Question Bank	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460001.docx	DOC
		Artificial Intelligence & Machine Learning (2019)	Unit I	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460012.pptx	PPT
		Artificial Intelligence & Machine Learning (2019)	Unit II	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460013.pptx	PPT
		Artificial Intelligence & Machine Learning (2019)	Unit V	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460014.pptx	PPT
		Numerical & Statistical Methods (2019)	Python	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460019.pptx	PPT
		Numerical & Statistical Methods (2019)	Unit I	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460015.pptx	PPT
		Numerical & Statistical Methods (2019)	Unit II	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460016.pptx	PPT
		Numerical & Statistical Methods (2019)	Unit III	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460017.pptx	PPT
		Numerical & Statistical Methods (2019)	Unit IV	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SD032008002460018.pptx	PPT
5	Dr. A. Y. Chaudhari	Metrology and Quality Control (2015)	Unit 1 Measurement Standards And Design Of Gauges	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670011.pdf	PPT
		Metrology and Quality Control (2015)	Unit 2 Comparators, Thread And Gear Metrology, Surface Roughness	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670012.pdf	PPT
		Metrology and Quality Control (2015)	Unit 3 Advances In Metrology	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670013.pdf	PPT

	Metrology and Quality Control (2015)	Unit 5 Statistical Quality Control	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670014.pdf	PPT
	Design of Transmission Systems (2019)	Unit 1 Introduction Spur Gear	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670020.pdf	PPT
	Design of Transmission Systems (2019)	Unit 1 Spur Gear Numerical	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670021.pdf	PPT
	Design of Transmission Systems (2019)	Unit 1 Introduction Helical Gears	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670022.pdf	PPT
	Design of Transmission Systems (2019)	Unit 1 Helical Gears Numericals	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670024.pdf	PPT
	Design of Transmission Systems (2019)	Unit 2 Introduction Bevel Gears	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670018.pdf	PPT
	Design of Transmission Systems (2019)	Introduction WORM GEARS	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670017.pdf	PPT
	Design of Transmission Systems (2019)	Introduction Rolling Contact Bearings	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670015.pdf	PPT
	Design of Transmission Systems (2019)	Introduction Sliding Contact Bearings	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670016.pdf	PPT
	Design of Transmission Systems (2019)	Unit 5 Design Of Machine Tool Gear Box	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670019.pdf	PPT
	Design of Transmission Systems (2019)	Multispeed Gear Box	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670023.pdf	PPT
	Design of Machine Element I (2019)	Coupling	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670005.pdf	PPT
	Design of Machine Element I (2019)	Design Consideration & Cotter Joint	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670001.pdf	TEXT
	Design of Machine Element I (2019)	Design For Fluctuating Loads	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670006.pdf	PPT
	Design of Machine Element I (2019)	Key	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670004.pdf	TEXT
	Design of Machine Element I (2019)	Knuckle Joint & Lever	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670002.pdf	PPT
	Design of Machine Element I (2019)	Shaft	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AC022009003670003.pdf	TEXT

6	Dr. D. K. Dond	Turbomachinery (2019)	Unit-I (Impact Of Jet- Stationary Plate)	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DD092009004180007.pdf	PPT
		Turbomachinery (2019)	Unit-I (Impact Of Jet- Moving Plate)	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DD092009004180008.pdf	TEXT
		Turbomachinery (2019)	Unit-I (Hydraulic Turbines- Impulse Turbine)	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DD092009004180009.pdf	PPT
		Turbomachinery (2019)	Unit-I (Hydraulic Turbines - Reaction Turbine)	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DD092009004180010.pdf	TEXT
		Turbomachinery (2019)	Unit-Ii (Steam Turbine)	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DD092009004180012.pdf	PPT
		Turbomachinery (2019)	Unit-Iii (Centrifugal Pump)	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DD092009004180011.pdf	TEXT
7	Prof. D. P. Panchve	Applied Thermodynamics (2019)	Unit 1= Basics Of Refrigeration And Psychrometry	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DP072010004570006.pdf	PPT
		Applied Thermodynamics (2019)	Unit 2= Introduction To Internal Combustion (Ic) Engine	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DP072010004570007.pdf	PPT
		Applied Thermodynamics (2019)	Unit 3= Ci Engine	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DP072010004570008.pdf	PPT
		Applied Thermodynamics (2019)	Unit 3= Si Engine	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DP072010004570009.pdf	PPT
		Applied Thermodynamics (2019)	Unit 4= Ic Engine Testing And Emission	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DP072010004570010.pdf	PPT
		Applied Thermodynamics (2019)	Unit 5 = Engine Systems And Alternative Fuels	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DP072010004570011.pdf	PPT
		Applied Thermodynamics (2019)	Unit 6 = Compressor	12023000726	PPT
8	Prof. A. B. Varandal	Energy Engineering	Unit 1 Thermal Power Plant	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AV072010004520001.pdf	TEXT
		Energy Engineering	Unit 2 Nuclear Power Plant	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AV072010004520002.pdf	TEXT
		Energy Engineering	Unit 3 Diesel Power Plant	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AV072010004520003.pdf	TEXT
		Energy Engineering	UNIT 4 Hydroelectric Power Plant	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AV072010004520004.pdf	TEXT

		Energy Engineering	UNIT 5 Gas Power Plant	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AV072010004520005.pdf	TEXT
		Energy Engineering	UNIT 6 Economics Of Power Generation	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AV072010004520006.pdf	TEXT
9	Prof. R. S. Jain	Machining science and technology	Unit 1	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RJ072010004820001.ppt	TEXT
		Machining science and technology	Unit 2	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RJ072010004820002.ppt	TEXT
		Machining science and technology	Unit 3	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RJ072010004820003.ppt	PPT
		Machining science and technology	Unit 4	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RJ072010004820003.ppt	TEXT
		Machining science and technology	Unit 5	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RJ072010004820004.ppt	PPT
		Manufacturing Process-I (2015)	Joining Process Video	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230005.mp4	TEXT
		Manufacturing Process-I (2015)	Joining Process Video	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230006.mp4	VIDEO
		Manufacturing Process-I (2015)	Joining Process Video	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230007.mp4	VIDEO
		Manufacturing Process-I (2015)	Joining Process Video	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230008.mp4	VIDEO
		Manufacturing Process-I (2015)	Joining Process Video	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230009.mp4	VIDEO
		Manufacturing Process-I (2015)	Metal Forming Video	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230001.mp4	VIDEO
		Manufacturing Process-I (2015)	Plastic Processing Video	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230002.mp4	VIDEO
		Manufacturing Process-I (2015)	Plastic Processing Video	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230003.mp4	VIDEO
		Manufacturing Process-I (2015)	Plastic Processing Video	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230004.mp4	VIDEO
		Dynamics of Machinery (2015)	Dom presentation	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230017.pdf	PPT

		Dynamics of Machinery (2015)	Dom Unit V PPT	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230018.pdf	PPT
		Dynamics of Machinery (2015)	Dom Unit V PPT	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230019.pdf	PPT
		Dynamics of Machinery (2015)	Unit I mcqs	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230015.pdf	TEXT
		Dynamics of Machinery (2015)	Unit III mcqs	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230016.pdf	TEXT
13	Dr. R .R. Barshikar	Solid Mechanics (2019 Pattern)	Solid Mechanics Book- Bansal	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RB092010005340009.pdf	PPT
		Solid Mechanics (2019 Pattern)	Unit 1 Notes Simple stress and strain	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RB092010005340006.pdf	TEXT
		Solid Mechanics (2019 Pattern)	Unit 2 Bending stresses and shear stresses	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RB092010005340008.pdf	PPT
		Solid Mechanics (2019 Pattern)	Unit 2 Bending stresses and shear stresses	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RB092010005340007.pdf	TEXT
		MSD (2015 Pattern)	Conveyer Handbook	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RB092010005340004.pdf	PPT
		MSD (2015 Pattern)	Design of machine tool gear box	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RB092010005340001.pdf	TEXT
14	Prof. N .S. Hyalij	Engineering Thermodynamics (2019)	Fundamentals of Thermodynamics	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230018.pdf	PPT
		Engineering Thermodynamics (2019)	Second law of thermodynamics	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230018.pdf	TEXT
		Engineering Thermodynamics (2019)	Entropy	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230018.pdf	PPT
		Engineering Thermodynamics (2019)	Properties of Pure substances	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230018.pdf	TEXT
		Engineering Thermodynamics (2019)	Fuels and Combustion	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230018.pdf	PPT
		Engineering Thermodynamics (2019)	Steam Generator (Boiler)	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230018.pdf	TEXT
		Energy Engineering (2019)	Thermal Power Plant	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230018.pdf	PPT

		Energy Engineering (2019)	Nuclear Power Plant	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230018.pdf	TEXT
		Energy Engineering (2019)	Diesel Power Plant	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230018.pdf	PPT
		Energy Engineering (2019)	Hydroelectric Power Plant	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SS082010005230018.pdf	TEXT
15	Prof. V. P. Chaudhari	Theory of Machines-I (2015)	Fundamentals of kinematics and mechanisms	https://erp.metbhujbalknowledgecity.ac.in/e-material/matdownstaff.aspx	TEXT
		Theory of Machines-I (2015)	Fundamentals of kinematics and mechanisms	https://erp.metbhujbalknowledgecity.ac.in/e-material/matdownstaff.aspx	PPT
		Theory of Machines-I (2015)	Unit 1 Mechanisms and inversions	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx	PPT
		Theory of Machines-I (2015)	Degree of Freedom	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01VC072011005960001.pdf	TEXT
		KOM (2019)	Analytical method: Velocity and acceleration	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx	PPT
		Theory of Machines-I (2015)	Clutch and types of clutches	https://erp.metbhujbalknowledgecity.ac.in/e-material/uploadmaterial.aspx	TEXT
16	Prof. A. D. Patil	EMM (2019 Pattern)	Topic: Unit_1	https://erp.metbhujbalknowledgecity.ac.in/e-material/matdownstaff.aspx	TEXT PPT
		EMM (2019 Pattern)	Topic: Unit_3	https://erp.metbhujbalknowledgecity.ac.in/e-material/matdownstaff.aspx	TEXT PPT
		EMM (2019 Pattern)	Topic: Unit_5	https://erp.metbhujbalknowledgecity.ac.in/e-material/matdownstaff.aspx	TEXT PPT
		EMM (2019 Pattern)	Topic: Unit_6	https://erp.metbhujbalknowledgecity.ac.in/e-material/matdownstaff.aspx	TEXT PPT
		Composite Materials(2019PAT)	Topic: Unit_1	https://erp.metbhujbalknowledgecity.ac.in/e-material/matdownstaff.aspx	TEXT PPT
		Composite Materials(2019PAT)	Topic: Unit_2	https://erp.metbhujbalknowledgecity.ac.in/e-material/matdownstaff.aspx	TEXT PPT
		Composite Materials(2019PAT)	Topic: Unit_3	https://erp.metbhujbalknowledgecity.ac.in/e-material/matdownstaff.aspx	TEXT PPT
		Composite Materials(2019PAT)	Topic: Unit_4	https://erp.metbhujbalknowledgecity.ac.in/e-material/matdownstaff.aspx	TEXT PPT

		EG(2019PAT)	Topic: Unit_3	https://erp.metbhujbalknowledgecity.ac.in/e/material/matdownstaff.aspx	TEXT PPT
		EG(2019PAT)	Topic: Unit_4	https://erp.metbhujbalknowledgecity.ac.in/e/material/matdownstaff.aspx	TEXT PPT
		EG(2019PAT)	Topic: Unit_5	https://erp.metbhujbalknowledgecity.ac.in/e/material/matdownstaff.aspx	TEXT PPT
		EG(2019PAT)	Topic: Unit_6	https://erp.metbhujbalknowledgecity.ac.in/e/material/matdownstaff.aspx	TEXT PPT
17	Dr. S. P. Kakade	Solid Modeling and Drafting	Unit 1	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SK032012006470003.pdf	TEXT
		Solid Modeling and Drafting	Unit 2	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SK032012006470004.pdf	PPT
		Solid Modeling and Drafting	Unit 4	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SK032012006470006.pdf	PPT
		Solid Modeling and Drafting	Unit 5	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SK032012006470007.pdf	PPT
		Solid Modeling and Drafting	Unit 6	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SK032012006470008.pdf	TEXT
		Finite element analysis	Introduction to FEA	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SK032012006470001.pdf	PPT
18	Dr. D. D. Deshmukh	Advanced forming and Joining	Advanced forming techniques	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DD072012006590004.pdf	TEXT
		Advanced forming and Joining	FUNDAMENTALS OF METAL FORMING	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DD072012006590005.pdf	TEXT
		Advanced forming and Joining	Hardfacing or welding overlay	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DD072012006590001.mp4	VIDEO
		Advanced forming and Joining	HIGH ENERGY RATE FORMING PROCESSES	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DD072012006590006.pdf	TEXT
		Advanced forming and Joining	Welding Metallurgy	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01DD072012006590007.pdf	TEXT
19	Prof. N. B. Ahire	Mechatronics	Unit1	01NA072012006660002.pptx (live.com)	PPT
		Mechatronics	Unit2	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01NA072012006660001.pdf	PPT

		Mechatronics	Unit3	CONTROL SYSTEM (metbhujbalknowledgecity.ac.in)	PPT
		Mechatronics	Unit5	https://view.officeapps.live.com/op/view.aspx?Src=https%3A%2F%2Ferp.metbhujbalkno	PPT
		Mechatronics	Unit6	https://view.officeapps.live.com/op/view.aspx?Src=https%3A%2F%2Ferp.metbhujbalkno	PPT
		FPCL	Unit1	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01NA072012006660009.pdf	TEXT
		FPCL	Unit2	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01NA072012006660010.pdf	TEXT
21	Prof. A. S. Patil	CAD CAM AUTOMATION (2015)	Transformation	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AP012013007110014.pdf	TEXT
		CAD CAM AUTOMATION (2015)	Solved Examples	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AP012013007110016.pdf	TEXT
		Fluid Mechanics (2019)	MCQ on Unit 5 and 6	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AP012013007110009.pdf	VIDEO
		Fluid Mechanics (2019)	Objective Questions	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AP012013007110005.pdf	TEXT
		Engineering Metallurgy (2015)	Notes	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AP012013007110012.pdf	TEXT
		Turbomachines	Unit 6 Notes	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AP012013007110017.pdf	PPT
		CAD CAM AUTOMATION (2015)	Rapid Prototyping	https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01AP012013007110004.pdf	PPT
22	Prof. R. J. Pawar	AIML (2019)	Development of ML Model	http://erp.metbhujbalknowledgecity.ac.in/ematerial/matdownstaff.aspx	PPT
		AIML (2019)	Feature Extraction and Selection	http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RP092013007510007.pdf	PPT
		AIML (2019)	Introduction to AI & ML	http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RP092013007510006.pdf	PPT
		AIML (2019)	Reinforced and Deep Learning	http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RP092013007510009.pdf	TEXT
		AIML (2019)	Support vector machine.	http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RP092013007510008.pdf	TEXT

		NSM (2019)	Numerical Methods in Engineering	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01RP092013007510014.pdf	TEXT
		NSM (2019)	Python Basics	Http://erp.metbhujbalknowledgecity.ac.in/ematerial/matdownstaff.aspx	TEXT
25	Prof.S.K.Nirgude	MP I (2015)	Unit 1	Https://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380001.pdf	VIDEO
		MP I (2015)	Unit 2	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380003.pdf	TEXT
		MP I (2015)	Unit 3	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380001.pptx	TEXT
		MP I (2015)	Unit 4	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380001.pptx	PPT
		MP I (2015)	Unit 5	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380002.pdf	PPT
		MP I (2015)	Unit 6	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380004.pdf	PPT
		MP II (2015)	Unit 1	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380005.pdf	PPT
		MP II (2015)	Unit 2	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380006.pdf	PPT
		MP II (2015)	Unit 3	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380007.pdf	TEXT
		MP II (2015)	Unit 4	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380008.pdf	TEXT
		MP II (2015)	Unit 5	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380009.pdf	TEXT
		MP II (2015)	Unit 6	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380002.pptx	TEXT
		MP (2019)	Unit 1	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380010.pdf	VIDEO
		MP (2019)	Unit 2	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380011.pdf	TEXT
		MP (2019)	Unit 3	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380012.pdf	TEXT

		MP (2019)	Unit 4	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380002.pptx	PPT
		MP (2019)	Unit 5	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380013.pdf	PPT
		MP (2019)	Unit 6	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380014.pdf	PPT
		AMP (2015)	Unit 1	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380015.pdf	PPT
		AMP (2015)	Unit 2	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380016.pdf	PPT
		AMP (2015)	Unit 3	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380017.pdf	TEXT
		AMP (2015)	Unit 4	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380018.pdf	TEXT
		AMP (2015)	Unit 5	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380003.pptx	TEXT
		AMP (2015)	Unit 6	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380019.pdf	TEXT
		MMP (2019)	Unit 1	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380004.pptx	VIDEO
		MMP (2019)	Unit 2	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380005.pptx	TEXT
		MMP (2019)	Unit 3	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380006.pptx	TEXT
		MMP (2019)	Unit 4	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380007.pptx	PPT
		MMP (2019)	Unit 5	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380008.pptx	PPT
		MMP (2019)	Unit 6	Http://erp.metbhujbalknowledgecity.ac.in/studymaterial/01SN082006000380009.pptx	PPT

List of Google classrooms created by faculty for teaching and learning

Sr. No	Name	Class	Subject	Google classroom Link (URL)
1	Prof (Dr) M. P. Ray	SE A (23-24)	Engineering Thermodynamics (2019)	https://classroom.google.com/c/NTIzNzA2MjUxMTQ3?cjc=ad7k2tx
		SE A (22-23)	Engineering Thermodynamics (2019)	https://classroom.google.com/c/NTU0NzkzMTc1NTgw?cjc=vjez3dr
		SE B (22-23)	Fluid Mechanics (2019)	https://classroom.google.com/c/NTk5MDM0MzIzMTIy?cjc=ryootkw
		SE B (21-22)	Fluid Mechanics (2019)	https://classroom.google.com/c/NDgwMTc5ODUxOTQ1?cjc=l2y6cr6
		SE B (20-21)	Fluid Mechanics (2019)	https://classroom.google.com/c/MzQzNDgyNzgwNTkw?cjc=sxguhd6
		SE A (19-20)	Fluid Mechanics (2015)	https://classroom.google.com/c/MTMzNDY0NjkwNTU2?cjc=ynocn6s
		TE B (20-21)	Turbo Machines (2015)	https://classroom.google.com/c/MTE2MjQ5MzY5OTgx?cjc=lwexg5y
		TE B (21-22)	Mechatronics (2019)	https://classroom.google.com/c/Mzg3ODgxMTYzMzY5?cjc=mppiw6t
		BE B (22-23)	MSAL (2019)	https://classroom.google.com/c/NTE3MDMxNDQ2MjYx?cjc=kd6mzce
2	Dr. S. V. Ingle	B.E.(21-22)	CAD/CAM(2015)	https://meet.google.com/lookup/clf3x2xek5
		B.E.(21-22)	Automobile	https://meet.google.com/krr-zhwe-vam
		T.E.(21-22)	CAE(2019)	https://meet.google.com/pge-umwn-ybf
		T.E.(21-22)	Mechatronics (2019)	https://meet.google.com/fyx-ipnb-azv
		B.E.(20-21)	CAD/CAM(2015)	https://classroom.google.com/c/MTM3MzYxMjUyNjcw?cjc=rocnwva
		B.E..(20-21)	Automobile	https://classroom.google.com/c/MTM3MzYxMjUyNjA5?cjc=jpnn7wb
		T.E.(20-21)	Mechatronics (2019)	https://classroom.google.com/c/MTEwMzM3MTkwNDAw?cjc=vwoopdy
3	Prof. S. B. Patil	SE B (21-22)	Applied Thermodynamics	https://classroom.google.com/w/NDgzMzM5NjMzOTQz/t/all
		TE A (21-22)	Heat and Mass Transfer	https://classroom.google.com/w/MzgxOTAzNzI4ODIx/t/all
		BE (21-22)	elective- Solar and Wind Energy	https://classroom.google.com/w/NDU0MzYwOTE5NDky/t/all
		TE A (20-21)	Refrigeration and Airconditioning	https://classroom.google.com/w/Mjk0NDI2MDg1NDAx/t/all
		TE A (20-21)	Heat Transfer	https://classroom.google.com/w/MTE2MjY0NDI1Nzgy/t/all
		BE (20-21)	Elective- Solar and Wind Energy	https://classroom.google.com/w/Mjk1MDE0NjI1Nzcz/t/all
4	Prof. S. K.	BE B (22-23)	MSAL	https://classroom.google.com/c/NTE3MDMxNDQ2MjYx?cjc=kd6mzce

	Dahake	BE B (21-22)	Finite Element Analysis	https://classroom.google.com/c/NDI1NzQ1MTE5MzA3?cjc=z354npx
		BE B (20-21)	Finite Element Analysis	https://classroom.google.com/c/MzE4MzY1NTc5ODc1?cjc=fk6lcst
		TE A (20-21)	Numerical Statistical Methods	https://classroom.google.com/c/NDExMDYyMzM2NjUx?cjc=6pvurdm
		TE A (21-22)	Numerical Statistical Methods	https://classroom.google.com/c/MzQzMjA1OTM1MDYw?cjc=ar2xznz
		FE G (20-21)	WS	https://classroom.google.com/c/MzE4NjEzOTA4MTIz?cjc=xcsen2w
5	Dr. A. Y. Chaudhari	TE B (20-21)	Metrology and Quality Control	https://classroom.google.com/c/MTE2ODk2NTE5MTIz/m/MTg5Mjc2MTYxNTM0/details
		TE B (20-21)	MQC - Unit 1	https://classroom.google.com/c/MTE2ODk2NTE5MTIz/m/MTg5Mjc2MTYxNTYw/details
		TE B (20-21)	MQC - Unit 2	https://classroom.google.com/c/MTE2ODk2NTE5MTIz/m/MTg5Mjc2MTYxNTk4/details
		TE B (20-21)	MQC - Unit 3	https://classroom.google.com/c/MTE2ODk2NTE5MTIz/m/MjUwMDc0NzczMTgy/details
		TE B (20-21)	MQC - Unit 5	https://classroom.google.com/c/MTE2ODk2NTE5MTIz/m/MjUwMDc0NzczMTM2/details
		TE B (20-21)	MQC - Unit 6	https://classroom.google.com/c/MTE2ODk2NTE5MTIz/m/MjUwMDc0NzczMTUw/details
		TE B (20-21)	DME II Spur Gear	https://classroom.google.com/c/MjkzODUxMzI3NjM0/m/MzQ0NDkxODc4NDU4/details
		TE A (20-21)	SD	https://classroom.google.com/c/MzE4MTYxOTI1NzA1?cjc=tc7tqmy
		SE B (20-21)	Machine Shop	https://classroom.google.com/c/MzY0NTU3OTg4NjQz?cjc=o5modbg
		TE A (21-22)	DME Unit 1	https://classroom.google.com/c/MzkwNDk0ODMxNTUx/m/NDE4MTUwODE3NDY3/details
		TE A (21-22)	DME Unit 2	https://classroom.google.com/c/MzkwNDk0ODMxNTUx/m/NDE4MTU2NjIxMTk3/details
		TE A (21-22)	DME Unit 3	https://classroom.google.com/c/MzkwNDk0ODMxNTUx/a/NDQwOTkxMDQxNDE5/details
		TE A (21-22)	DME Unit 4	https://classroom.google.com/c/MzkwNDk0ODMxNTUx/a/NDQwOTkxMDQxNDkz/details
		TE A (21-22)	DME Unit 5	https://classroom.google.com/c/MzkwNDk0ODMxNTUx/a/NDQwOTkxMDQxNTg3/details
		TE A (21-22)	DME Unit 6	https://classroom.google.com/c/MzkwNDk0ODMxNTUx/a/NDQwOTkxMDQxNjE0/details
		TE A (21-22)	SD	https://classroom.google.com/c/NDM3NDMwNDIwMjM5?cjc=rx6t34g
		TE B (21-22)	SD	https://classroom.google.com/c/NDQwOTg5OTgxODIz?cjc=6noi4l7
6	Dr. D. K. Dond	BE A (20-21)	Energy Engineering	https://classroom.google.com/w/MTQzMjA1OTM1MDYw/t/all
		TE A (20-21)	Turbomachines	https://classroom.google.com/c/MTIzNjU5OTgyNjM3
		TE B (21-22)	Heat & Mass Transfer	https://classroom.google.com/w/Mzc4ODQ2OTExNjc0/t/all
		FE A (21-22)	Engineering Graphics	https://classroom.google.com/c/MzM5ODc4NDM1MDMx

7	Prof. D. P. Panchve	SE A (21-22)	Applied Thermodynamics	https://classroom.google.com/c/NDg0MzcwNjk1NTUy/m/NDg0MzcwOTg1NDMy/details
		SE A (21-22)	Applied Thermodynamics	https://classroom.google.com/c/NDg0MzcwNjk1NTUy/m/NDg0MzcwMTA5Mjc3/details
		SE A (21-22)	Applied Thermodynamics	https://classroom.google.com/c/NDg0MzcwNjk1NTUy/m/NDk1NzcwMDA0NDUx/details
		SE A (21-22)	Applied Thermodynamics	https://classroom.google.com/c/NDg0MzcwNjk1NTUy/m/NDk1NzcwMDA0NTU2/details
		SE A (21-22)	Applied Thermodynamics	https://classroom.google.com/c/NDg0MzcwNjk1NTUy/m/NDk1NzcwMDA0Nm2/details
10	Dr. H. A. Chavan	TE	DME-I	https://classroom.google.com/u/1/c/Mzg1ODU1MTM5NzAz/m/NDE1ODY4MDQzNjY0/details
		TE	DME-I	https://classroom.google.com/u/1/c/Mzg1ODU1MTM5NzAz/m/NDA0Mjg0MjA3NTA0/details
		TE	DME-I	https://classroom.google.com/u/1/c/Mzg1ODU1MTM5NzAz/m/NDA0Mjg0MjA3NDEy/details
		TE	DME-I	https://classroom.google.com/u/1/c/Mzg1ODU1MTM5NzAz/m/NDQwOTkzNjIwMTgx/details
		TE	DME-I	https://classroom.google.com/u/1/c/Mzg1ODU1MTM5NzAz/m/NDE1ODY4MDQzNjY0/details
		TE	DME-I	https://classroom.google.com/u/1/c/Mzg1ODU1MTM5NzAz/m/NDQwOTkzNjIwMjc4/details
		TE	DME-I	https://classroom.google.com/u/1/c/Mzg1ODU1MTM5NzAz/m/NDQwOTk1NTQxMTgz/details
		TE	DME-I	https://classroom.google.com/u/1/c/Mzg1ODU1MTM5NzAz/m/NDQwOTk1NTQxMjQw/details
		TE	DME-II	https://classroom.google.com/u/1/c/MzQ0NDIzNjQ4NDQw/m/MzQ0NTk1ODk1MTUw/details
		TE	DME-II	https://classroom.google.com/u/1/c/MzQ0NDIzNjQ4NDQw/m/MzQ0NTk1ODk1Mjg4/details
		TE	DME-II	https://classroom.google.com/u/1/c/MzQ0NDIzNjQ4NDQw/m/MzUyNDk4NTEzOTEz/details
		TE	DME-II	https://classroom.google.com/u/1/c/MzQ0NDIzNjQ4NDQw/m/MzU5MDM5NDk2MTY1/details
		TE	DME	https://classroom.google.com/u/1/c/NTI5NjMzNjAwMzE1/m/NTI5NjM0MzM1NTU0/details
		TE	DME	https://classroom.google.com/u/1/c/NTI5NjMzNjAwMzE1/m/NTI5NjM0MzE3MTM3/details
		TE	DME	https://classroom.google.com/u/1/c/NTI5NjMzNjAwMzE1/m/NTI5NjM0MzE3MDIy/details
		TE	DTS	https://classroom.google.com/u/1/c/NTYzMjAxNzg0NTk1/m/NTE3Njc1MDc2MzQx/details
		TE	DTS	https://classroom.google.com/u/1/c/NTYzMjAxNzg0NTk1/m/NjAwMjE0OTI2Nzky/details
		TE	DTS	https://classroom.google.com/u/1/c/NTYzMjAxNzg0NTk1/m/NjEzMzM2Mjg0Mzcw/details
		TE	DTS	https://classroom.google.com/u/1/c/NTYzMjAxNzg0NTk1/m/NjEzMzM1OTc4NzIy/details
		TE	DTS	https://classroom.google.com/u/1/c/NTYzMjAxNzg0NTk1/m/NTIyODY1OTQwODc2/details
		TE	DTS	https://classroom.google.com/u/1/c/NTYzMjAxNzg0NTk1/m/NjEzMzM5NjgzNzUw/details

14	Prof. N .S. Hyalij	SE	Applied Thermodynamics	https://classroom.google.com/c/MzQ3NTc3NDA3MDE0?cjc=v7dhbfa
		SE	Engg.Thermodynamics (2019)	https://classroom.google.com/c/MTE2NTM4ODE2NTMw?cjc=tifk7a7
		SE	Engg.Thermodynamics (2019)	https://classroom.google.com/c/NTU0NzkzMTc1NTgw?cjc=vjez3dr
15	Prof. V. P. Chaudhari	SE	KOM (2019 Pattern)	https://classroom.google.com/c/MzU4NzkzNTU4Njg4
		TE	TOM II (2015 Pattern)	https://classroom.google.com/c/MzM4MjcNzc1MzI5
		TE	TOM II (2015 Pattern)	https://classroom.google.com/u/2/c/MTA5NTkzODA2NzY1
		SE	KOM (2019 Pattern)	https://classroom.google.com/c/MzU4NzkzNTU4Njg4
		FE	EG (2019 PAT)	https://classroom.google.com/u/1/c/MzM5ODc0NjM1MDY1
		SE	KOM (2019 Pattern)	https://classroom.google.com/u/2/c/NzgyNDI4NTM3NDBa
16	Prof. A. D. Patil	FE	EG (2019 PAT)	https://classroom.google.com/w/Mzc1NzE3MDcyMzEy/t/all
		FE	EG (2019 PAT)	https://classroom.google.com/w/Mzc1NzE3MDcyMzEy/t/all
		SE	EMM (2019 PAT)	https://classroom.google.com/u/1/w/NjUwNjg0NjAzMjk1/t/all
		SE	EMM (2019 PAT)	https://classroom.google.com/u/1/w/NjUwNjg0NjAzMjk1/t/all
17	Dr. S. P. Kakade	BE	Product Design and Development	https://classroom.google.com/c/NTIzNzY5MTA2ODI1
		TE	Computer Aided Engineering	https://classroom.google.com/c/NTk2NDY0MDI4MjE4
		SE	Solid Modeling and Drafting	https://classroom.google.com/c/NTc4MjU2MzY5OTYy
		BE	Industrial Engineering	https://classroom.google.com/c/NDUyOTIxMDY0OTMx
		BE	Finite Element Analysis	https://classroom.google.com/c/Mzc5MDc2Nzk5MTU5
18	Dr. D. D. Deshmukh	SE	Engineering Materials and Metallurgy	https://classroom.google.com/c/NDczODU3MTM1MDg0
		TE	Advanced Forming and Joining	https://classroom.google.com/c/NDE1Mzg5OTczNjY3
		SE	Engineering Materials and Metallurgy	https://classroom.google.com/c/MTQ4MzUzOTcyMjMw
19	Prof. N. B. Ahire	TE	Mechatronics	https://classroom.google.com/c/NTQ1NjQzOTE0NzE0/m/NTAzMzM4NzIwOTcx/details
		TE	Mechatronics	https://classroom.google.com/c/NTQ1NjQzOTE0NzE0/m/NTAxMzc3MDE4NjI0/details
		TE	Mechatronics	https://classroom.google.com/c/Mzg1MzI2Mzc5NTUy
		BE	MSD	https://classroom.google.com/c/NDMyMDY4NTUzOTE5
20	Prof. Y. S.	SE	Kinematics of Machinery	https://classroom.google.com/c/NTAwODUxNDc4NDMy

	More	SE	<u>Assignments</u>	https://classroom.google.com/c/NTI0MzI0Nzc1MjE1
		SE	Audit Course III	https://classroom.google.com/c/NTI0MzI0Nzc1MjE1
		BE	Dynamics of Machinery	https://classroom.google.com/c/Mzc5MDc2OTUzMDE5
21	Prof. A. S. Patil	SE	Solid Modelling and Drafting	https://classroom.google.com/u/1/c/NjI1NDUyMzk1MTIw
		BE	Turbo Machinery	https://classroom.google.com/u/1/c/NjI0NDQyMjcwNTIz
		TE	Computer Aided Engineering	https://classroom.google.com/u/1/c/NTEzNDk0NDczMTM0
22	Prof. R. J. Pawar	TE	Artificial Intelligenece and Machine Learning	https://classroom.google.com/c/NDUxODkzMTM2MjYw/m/NDk1MzM4Njg0MzQy/details
		TE	Artificial Intelligenece and Machine Learning	https://classroom.google.com/c/NDUxODkzMTM2MjYw/m/NDk1MzM4ODkzMTM2/details
		TE	Artificial Intelligenece and Machine Learning	https://classroom.google.com/c/NDUxODkzMTM2MjYw/m/NDk1MzM4ODk0MDM0/details
		TE	Artificial Intelligenece and Machine Learning	https://classroom.google.com/c/NDUxODkzMTM2MjYw/m/NDk1MzM4OTQ4Nzk5/details
		TE	Artificial Intelligenece and Machine Learning	https://classroom.google.com/c/NDUxODkzMTM2MjYw/m/NDk1MzM4OTQ4ODI2/details
		TE	Python for AIML	https://classroom.google.com/c/NDUxODkzMTM2MjYw/m/NDU3OTY2MzA0NzQz/details
		TE	Numerical and Statistical Methods	https://classroom.google.com/c/MzkwNDkwMTgxNjk2/m/Mzk2MDQ0MjYzOTAy/details
		TE	Numerical and Statistical Methods	https://classroom.google.com/c/MzkwNDkwMTgxNjk2/m/Mzk2MDQ1NzMxNTE3/details
		TE	Numerical and Statistical Methods	https://classroom.google.com/c/MzkwNDkwMTgxNjk2/m/NDQ1NjA3NzU1Njg4/details
		TE	Numerical and Statistical Methods	https://classroom.google.com/c/MzkwNDkwMTgxNjk2/m/Mzk2MDQxNTA4ODg3/details
		BE	Hydraulics and Pneumatics	https://classroom.google.com/c/Mzc5Mjg5MDkxMzYy/m/Mzg1Mjk2NzEyMjI1/details
		BE	Hydraulics and Pneumatics	https://classroom.google.com/c/MTE2MjMzNzQzODg5/m/MTIxNzU1MzU5NjY4/details
25	Prof.S.K.N irgude	BE (2019)	Computer Integrated manuf.	https://classroom.google.com/c/NTEzNDg5NzIxODkz
		BE (2019)	Modern Machining Processes	https://classroom.google.com/c/NTM4NDE5NDU5ODk0
		SE (2019)	Machine shop	https://classroom.google.com/c/NDgzNTYwNjM5MTgz
		SE (2019)	Manufacturing Processes	https://classroom.google.com/c/NDgyNTQzMzkyMjc4
		BE (2015)	Advanced Manufacturing Processes	https://classroom.google.com/c/NDUzMjM3MjM3NTE5
		TE (2019)	Digital Manufacturing Laboratory	https://classroom.google.com/c/Mzg0NjM3MTY3ODgy
		TE (2015)	Manufacturing Processes II	https://classroom.google.com/c/MzM5NTY2OTA4MjQ4
		TE (2015)	MQC	https://classroom.google.com/c/MTY2MzE4MDk3MTk0

E-material

- i. E-Journals
We are having subscription of IEEE journals, British Council Library. Students make use of this facility for enriching their knowledge.
- ii. Video Lectures NPTEL
Staff and students are using Video lectures provided by NPTEL to enrich their knowledge.
- iii. MET World of Music
It helps students to improve concentration, make relaxation to mind and body, peace of mind which helps students for preparing their studies and exams.

Table 5.5.5 E-material and availability links

Sr. No	E-material	Availability Links
1	E-Journals	British library online membership www.library.britishcouncil.org.in/programmes/libraries/libraries/online-library
2	Swayam Online video	https://swayam.gov.in/
3	MWM	47500 songs of various category accessed through MIS login of staff and student at MWM Lab

B. Other Facilities

1. LCD Projection Facility

Every classroom is well equipped with LCD projector. Faculty members deliver their lectures using LCD projector. Most effective teaching learning process is adopted through this facility. Students can present their seminar; guest lectures are organized and delivered through LCD projector. Student can experience animated lecture anytime. So it helps for easy and better understanding of concepts.

2. Smart classroom Facility

Smart class facility is implemented in-house in the Department. There is no need for staff to bring their laptop, pen drive etc in classroom. They simply upload their presentations and lecture notes on their ERP login which is then downloaded in the classroom and start their lecture session.