

(Autonomous)

Narsapur, West Godavari District, A.P. 534280

DEPARTMENT OF MECHANICAL ENGINEERING A.Y.2022-2023

ACTIVE LEARNING

ODD SEMESTER

S.NO	SEMESTER	COURSE	COURSE NAME	FACULTY HANDLED	PEDAGOGY
		CODE			INITATIVES
		20ME3T01	Mechanics of solid	1.Dr.R.LalithaNarayana	Active Learning
1.	III	20ME3101		2. Dr. D. Bhanu Prakash	
		20ME3T02	Fluid Mechanics		Active Learning
		20ME5102	Hydraulic System	Mr. N. Bulli Raju	
		20ME3T03	Production		Active Learning
		20ME3103	Technology	Ms. B. Haritha	
2.	\mathbf{v}		Thermal	1.Dr.R.LalithaNarayana	Active Learning
	•	20ME5T03	Engineering	2.Mr.G.Veerandra	
				Kumar	
		10ME7T01	3D printing	1.Dr.Francis Luther King	Active Learning
3.	VII	19ME7T01		2.Mr.V.John Bhonayan	
		19ME7E14	Refrigeration & Air	Mr.B.Srinivas	Active Learning
		19ME/E14	Conditioning		C

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S.NO	SEMESTER	COURSE	COURSE NAME	FACULTY HANDLED	PEDAGOGY
		CODE			INITATIVES
1.	IV	20ME4T02	Metallurgy & Material Science	Ms. B. Haritha	Active Learning
		20ME6T02	Heat Transfer	Mr. B.Srinivas	Active Learning
		20ME6T03	CAD/CAM	1. Mr. N. Bulli Raju 2. Mr.M.Saravanan	Active Learning
2.	VI	20ME6T01	Artificial Intelligence Machine Learning	Dr.Francis Luther King	Active Learning

VISION CONDUCT

SWARNANDHRA COLLEGE OF ENGINEERING AND TECHNOLOGY

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FLIPPED LEARNING

ODD SEMESTER

S.NO	SEMESTER	COURSE CODE	COURSE NAME	FACULTY HANDLED	PEDAGOGY INITATIVES
		20ME3T02	Fluid Mechanics Hydraulic System	Mr. N. Bulli Raju	Flipped Learning
1.	ш	20ME3T03	Production Technology	Ms. B. Haritha	Flipped Learning
		20ME5T02	Machine Tools & Metrology	1.Mr.M.Saravanan 2.Mr.G.Veerandra Kumar	Flipped Learning
2.	V	20ME5T03	Thermal Engineering	1.Dr.R.LalithaNarayana 2.Mr.G.Veerandra Kumar	Flipped Learning
3.		19ME7T01	3D printing	1.Dr.Francis Luther King 2.Mr.V.John Bhonayan	Flipped Learning
	VII	19ME7E14	Refrigeration & Air Conditioning	Mr.B.Srinivas	Flipped Learning

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S.NO	SEMESTER	COURSE	COURSE NAME	FACULTY HANDLED	PEDAGOGY
		CODE			INITATIVES
1.	IV	20ME4T01	Theory of Machines	1.Mr.V.John Bhonayan 2.Mr.V.Ram Babu	Flipped Learning
2.	VI	20ME6T01	Artificial Intelligence Machine Learning	Dr.Francis Luther King	Flipped Learning
		19ME8E18	Power Plant Engineering	1.Mr.G Veerandra Kumar 2.Mr.V.Ram Babu	Flipped Learning
3.	VIII	19ME8E23	Flexible Manufacturing System	Mr. L.Ravi Kishore	Flipped Learning

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MODEL BASED LEARNING

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S.NO	SEMESTER	COURSE CODE	COURSE NAME	FACULTY HANDLED	PEDAGOGY INITATIVES
1.	III	20ME3T05	Engineering Thermodynamics	1.Mr.B.Srinivas 2.Mr.G.Veerandra Kumar	Model based Learning
		20ME5T01	Design of Machine Elements	Mr. CH. Harish Kumar	Model based Learning
		20ME5T02	Machine Tools & Metrology	1.Mr.M.Saravanan 2.Mr.G.Veerandra Kumar	Model based Learning
2.	V	20ME5T03	Thermal Engineering	1.Dr.R.LalithaNarayana 2.Mr.G.Veerandra Kumar	Model based Learning
		19ME7E13	Industrial Robotics	Mr. L.Ravi Kishore	Model based Learning

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S.NO	SEMESTER	COURSE	COURSE NAME	FACULTY HANDLED	PEDAGOGY
		CODE			INITATIVES
		19ME8E23	Flexible	Mr. L.Ravi Kishore	Model based Learning
1.	VIII		Manufacturing		
			System		



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EXPLICIT LEARNING

ODD SEMESTER

S.NO	SEMESTER	COURSE CODE	COURSE NAME	FACULTY HANDLED	PEDAGOGY INITATIVES
1.	VII	19ME7T01	3D printing	1.Dr.Francis Luther King 2.Mr.V.John Bhonayan	Explicit Learning



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PROGRAM BASED LEARNING

S.NO	SEMESTER	COURSE CODE	COURSE NAME	FACULTY HANDLED	PEDAGOGY INITATIVES
1.	III	20ME3T03	Production Technology	Ms. B. Haritha	Program based learning

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S.NO	SEMESTER	COURSE CODE	COURSE NAME	FACULTY HANDLED	PEDAGOGY INITATIVES
		20ME4T02	Metallurgy & Material Science	Ms. B. Haritha	Program based learning
1.	IV	20ME4T01	Theory of Machines	1.Mr.V.John Bhonayan 2.Mr.V.Ram Babu	Program based learning



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S.NO	SEMESTER	COURSE	COURSE NAME	FACULTY HANDLED	PEDAGOGY
		CODE			INITATIVES
				1. Dr.R.LalithaNarayana	Active Learning
1.	III	20ME3T01	Mechanics of solid	2. Dr. D. Bhanu Prakash	-
2	17	20ME5T02	Machine Tools &	1.Mr.M.Saravanan	Active Learning.
4.	•		Metrology	2. Mr. L.Ravi Kishore	

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S.NO	SEMESTER	COURSE	COURSE NAME	FACULTY HANDLED	PEDAGOGY INITATIVES
		CODE			
		20ME4T02	Metallurgy& Material	1. Mr. N. Bulli Raju	Active Learning
1.	IV		Science	2. Mr. L.Ravi Kishore	
		20ME6T02	Heat Transfer	1. Dr.R.LalithaNarayana	Active Learning
2.	VI			2.Mr. B.Srinivas	_
		20ME6T01		1.Dr.Francis Luther King	Active Learning
			Machine Learning	2. Mr. N. Bulli Raju	



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S.NO	SEMESTER	COURSE	COURSE NAME	FACULTY HANDLED	PEDAGOGY INITATIVES
		CODE			
		20ME3T02	Mechanics of solid	1. Dr.R.LalithaNarayana	Flipped Learning
				2. Dr. D. Bhanu Prakash	
		20ME4T01	Engineering	1.Dr.R.LalithaNarayana	Flipped Learning
1.	III		Thermodynamics	2.Mr.G.Veerandra Kumar	
		20ME5T01	Design of Machine		Flipped Learning
			Elements	Mr. CH. Harish Kumar	
2.	\mathbf{v}	20ME5T03	Thermal Engineering	1.Mr. B.Srinivas	Flipped Learning
_,	,			2.Mr.G.Veerandra Kumar	
		20ME7E09	Industry 4.0	1.Dr.Francis LutheKing	Flipped Learning
3.	VII			2.Dr.Robert singh	
		20ME7E02	Total Quality	1.Dr.Francis Luther King	Flipped Learning
			Management	2.Mr.S.Surendar	

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S.NO	SEMESTER	COURSE	COURSE NAME	FACULTY	PEDAGOGY
		CODE		HANDLED	INITATIVES
		20ME4T01		1.Mr.B.Mahesh	Flipped Learning
1.	IV		Theory of	Krishna	
			Machines	2.Mr.V.Ram Babu	
		20ME6T03	CAD/CAM	1. Dr.R.Sanjeev	Quiz, Seminars
				Kumar	,Flipped Learning,
2.	\mathbf{VI}			2. Mr.A.Azeez	
		20ME6T01	Artificial	1.Dr.Francis Luther	Quiz, Group
			Intelligence	King	Discussion, Flipped
			Machine Learning	2. Mr. N. Bulli Raju	Learning, Seminars,
					Active Learning



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PROGRAM BASED LEARNING

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S.NO	SEMESTER	COURSE	COURSE NAME	FACULTY HANDLED	PEDAGOGY INITATIVES
		CODE			
		20ME3T03	Production		Program based Learning.
	III		Technology	Mr. Abdul Azeez	
1.		20ME4T01	Engineering	1.Dr.R.LalithaNarayana	Program based Learning.
			Thermodynamics	2.Mr.G.Veerandra Kumar	



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S.NO	SEMESTER	COURSE CODE	COURSE NAME	FACULTY HANDLED	PEDAGOGY INITATIVES
1.	VI	20ME6E02	Automobile Engineering	Mr. B.Srinivas	Model Based Learning