

SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA, (SCSMVW)
 (Deemed to be University US 3 of UGC Act 1956) (Approved by All India Council for Technical Education (AICTE))
 Accredited with "A" Grade by NAAC
 Enathur, Kanchipuram – 631 561

Department of Mechanical Engineering

Lecture Schedule from 10-08-2020 to 05-09-2020

Date	Time	Name of the Faculty	Subject Name	Department	Year	Sem	Section	Topics to be covered	Reference	Online tool to be used (Zoom, Webex, etc)
Monday, August 31, 2020	2 PM - 4PM	Dr. D. Vijayan	Computer Integrated Manufacturing	Mechanical	IV	7	A	CIM Wheel, CIM components, Evolution of CIM	RADHAKRISHNAN.P, SUBRAMANYAN. S, RAJAY. "CAD/CAM/CM". Second Edition. New Age International publishers, 2003	Zoom
Monday, August 31, 2020	10 AM - 12 PM	Mrs. P. Vithya	Energy conservation in Industries	Mechanical	IV	7	B	UNIT 01 Steam Distribution System, Steam Traps, Condensate Recovery	L.R.C. DRYDEN, "The Efficient Use of Energy"	Zoom, Webex
Tuesday, September 01, 2020	10 AM - 12 PM	Dr. M. Vairavel	Computer Integrated Manufacturing	Mechanical	IV	7	C	CIM Wheel, CIM Definition, CIM components	1.Automation, Production Systems & CIM by M.P. GRODCOVER, 2.CAD / CAM by P. RADHAKRISHNAN, 3.YOUTUBE, Video https://www.youtube.com/watch?v=6Z0V8Bc	Google Meet
Tuesday, September 01, 2020	10 AM - 12 PM	Dr. A. Anuganemath	Design of transmission systems	Mechanical	IV	7	A	problems on ring speed gear box	Design of Transmission systems, by T.J. PROUDMAN	Zoom
Tuesday, September 01, 2020	4 PM - 6PM	Dr. A. Anuganemath	Flat Power Systems	Mechanical	IV	7	C	problems on cylinder configurations – similar metrics	ANTHONY ESPPOSITO, Flat Power with Applications	Zoom
Tuesday, September 01, 2020	10 AM - 12 PM	Dr. K. Palani	Design of transmission systems	Mechanical	IV	7	B	(i) Fundamentals of flat and 'V' belts (ii) Design procedure for flat and 'V' belts using manufacturer's data and basic equations	Design Of Transmission Systems by E. V. V. Ramasubramanyam, S. Ramasubraman	Microsoft Teams
Tuesday, September 01, 2020	2 PM - 4PM	Dr. S. Vijayarathar	Flat Power Systems	Mechanical	IV	7	A	problems on cylinder configurations – similar metrics	ANTHONY ESPPOSITO, Flat Power with Applications	Microsoft Teams
Tuesday, September 01, 2020	4 PM - 6PM	Dr. K. Mohan	Flat Power Systems	Mechanical	IV	7	B	Flat power mechanisms – flat – similar mechanisms	ANTHONY ESPPOSITO, Flat Power with Applications	Zoom
Wednesday, September 02, 2020	10 AM - 12 PM	Dr. M. Vairavel	Computer Integrated Manufacturing	Mechanical	IV	7	B	Evolution of CIM, Development of computers - Needs of CIM, Benefits of CIM, CIM Hardware & Software, CIM Models	1.Automation, Production Systems & CIM by M.P. GRODCOVER, 2.CAD / CAM by P. RADHAKRISHNAN, 3.YOUTUBE, Video https://www.youtube.com/watch?v=6Z0V8Bc , Xanax	Google Meet
Wednesday, September 02, 2020	10 AM - 12 PM	Dr. A. Tamilarasan	Finite Element Analysis	Mechanical	IV	7	A	FEA method and related problems	T.R. Chakraborty, Palla and A.D. Reddy, Elements of Finite Element Analysis, Prentice Hall of India Pvt. Ltd	Zoom
Wednesday, September 02, 2020	10 AM - 12 PM	Dr. B. Vignayasekaran	Design of transmission systems	Mechanical	IV	7	C	18 speed, collar box design	Design of Transmission systems - Application	Webex
Wednesday, September 02, 2020	2 PM - 4PM	Dr. D. Vijayan	Finite Element Analysis	Mechanical	IV	7	B	Finite element modeling, Coordinate and shape functions	CHANDRUPATLA Y.R., AND BELEGUNDU A.D., "Introduction to Finite Elements in Structures", Prentice Hall of India, 2nd Edition	Zoom
Wednesday, September 02, 2020	2 PM - 4PM	Dr. A. Saranya	Operations Research	Mechanical	IV	7	A	Unbalanced transportation problems, Assignment Problem, Mathematical formulation of the assignment problem	Google Meet (Lectures), Google Classroom (Homework and Assignment)	
Wednesday, September 02, 2020	2 PM - 4PM	Dr. K. Bharathi	Operations Research	Mechanical	IV	7	C	Unit 1 Introduction to Linear Programming Problems - LPP Formulation Problems	OPER. RESEARCH	Google Meet (Zoom Room)
Thursday, September 03, 2020	4 PM - 6PM	Dr. K. Bharathi	Operations Research	Mechanical	IV	7	B	Compositional method - Reduced gradient method, Simplex method, Simplex method	CHANDRUPATLA Y.R., "Compositional method", Springer - India, 1994	Webex
Thursday, September 03, 2020	10 AM - 12 PM	Dr. A. Tamilarasan	Finite Element Analysis	Mechanical	IV	7	C	Problems on Ritz method	T.R. Chakraborty, Palla and A.D. Reddy, Elements of Finite Element Analysis, Prentice Hall of India Pvt. Ltd	Zoom
Thursday, September 03, 2020	10 AM - 12 PM	Dr. G. Viswan	Computer Integrated Manufacturing	Mechanical	IV	7	A	Development of computers - Needs of CIM, Benefits of CIM, CIM Hardware & Software, CIM Models	WHEELS P. GRODCOVER, Automation, Production Systems & CIM, 2nd ed. Pp. 2001	Zoom
Thursday, September 03, 2020	2 PM - 4PM	Mrs. P. Vithya	Energy conservation in Industries	Mechanical	IV	7	B	UNIT 01: Flash Steam Utilization, Insulators & Refractories	L.R.C. DRYDEN, "The Efficient Use of Energy"	Zoom, Webex
Thursday, September 03, 2020	10 AM - 12 PM	Dr. A. Ganesh	Operations Research	Mechanical	IV	7	B	Transportation Method		
Friday, September 04, 2020	2 PM - 4PM	Dr. M. Vairavel	Computer Integrated Manufacturing	Mechanical	IV	7	C	Evolution of CIM, Development of computers - Needs of CIM, Benefits of CIM, CIM Hardware & Software, CIM Models	1.Automation, Production Systems & CIM by M.P. GRODCOVER, 2.CAD / CAM by P. RADHAKRISHNAN, 3.YOUTUBE, Video https://www.youtube.com/watch?v=6Z0V8Bc , Xanax	Google Meet
Friday, September 04, 2020	2 PM - 4PM	Dr. A. Anuganemath	Design of transmission systems	Mechanical	IV	7	A	problems on eight speed gear box	Design of Transmission systems, by T.J. PROUDMAN	Zoom
Friday, September 04, 2020	10 AM - 12 PM	Dr. A. Anuganemath	Flat Power Systems	Mechanical	IV	7	C	Flat power mechanisms - similar - similar mechanisms	ANTHONY ESPPOSITO, Flat Power with Applications	Zoom
Friday, September 04, 2020	2 PM - 4PM	Dr. K. Palani	Design of transmission systems	Mechanical	IV	7	B	Problems on flat and 'V' belts	Design Of Transmission Systems by E. V. V. Ramasubramanyam, S. Ramasubraman	Microsoft Teams
Friday, September 04, 2020	10 AM - 12 PM	Dr. K. Mohan	Flat Power Systems	Mechanical	IV	7	B	Learn manufacturer's data and basic equations	Design of Transmission systems - Application	Zoom
Friday, September 04, 2020	10 AM - 12 PM	Dr. A. Saranya	Operations Research	Mechanical	IV	7	A	Dominate property - Algebraic method for m x n games - Many addends method for m x n games	ANTHONY ESPPOSITO, Flat Power with Applications	Google Meet (Lectures), Google Classroom (Homework and Assignment)
Saturday, September 05, 2020	4 PM - 6PM	Dr. A. Tamilarasan	Finite Element Analysis	Mechanical	IV	7	A	Problems on Ritz method	T.R. Chakraborty, Palla and A.D. Reddy, Elements of Finite Element Analysis, Prentice Hall of India Pvt. Ltd	Zoom
Saturday, September 05, 2020	2 PM - 4PM	Dr. B. Vignayasekaran	Design of transmission systems	Mechanical	IV	7	C	18 speed Gear box design	Design of Transmission systems - Application	Webex
Saturday, September 05, 2020	10 AM - 12 PM	Dr. D. Vijayan	Finite Element Analysis	Mechanical	IV	7	B	Potential energy approach, Galerkin approach	CHANDRUPATLA Y.R., AND BELEGUNDU A.D., "Introduction to Finite Elements in Structures", Prentice Hall of India, 2nd Edition	Zoom
Saturday, September 05, 2020	10 AM - 12 PM	Dr. S. Vijayarathar	Flat Power Systems	Mechanical	IV	7	A	Flat power mechanisms – flat – similar mechanisms	ANTHONY ESPPOSITO, Flat Power with Applications	Microsoft Teams
Saturday, September 05, 2020	2 PM - 4PM	Dr. A. Ganesh	Operations Research	Mechanical	IV	7	B	Graphical Method - two jobs		
Saturday, September 05, 2020	10 AM - 12 PM	Dr. A. Bharathi	Operations Research	Mechanical	IV	7	C	Solution of LPP by Graphical solution	OPER. RESEARCH	Google Meet (Zoom Room)