

SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA, (SCSVMV)
 (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

Department of Mechanical Engineering										
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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 24, 2020	9 PM - 4PM	Mr. K. Chakravarthy	Manufacturing Technology	Mechanical	III	S	B	Introduction to LPTM machines	R.K. Rajgud A. Textbook of Manufacturing Technology, Manufacturing Processes seventh publications 2007	ZOOM
Monday, August 24, 2020	9 PM - 4PM	Dr. A. Anandaraman	Manufacturing Technology	Mechanical	III	S	A	Surface finish, surface texture	Manufacturing Processes by Rajgud	Zoom
Monday, August 31, 2020	10 AM - 12 PM	Dr. A. Nandakumar	Dynamics of Machines	Mechanical	III	S	B	Problems - Transverse vibrations of beams	R.S. KHURMI & GUPTA J.K. Theory of Machines	Zoom
Monday, August 31, 2020	10 AM - 12 PM	Dr. K. Palani	Design of Machine Elements	Mechanical	III	S	A	10) Derivation of Transverse stress equation 11) Derivation of torsion stress equation 12) Problems on torsion equation	Machine Design by R.S.Khurmi and J.K. Gupta	Microsoft Teams
Monday, August 31, 2020	2 PM - 4PM	Mr. B. Elagan	Instrumentation and Control	Mechanical	III	S	B	Calibration, need of the sensors, introduction to Dimensional and Geometric Tolerancing, interchangeability of the system	SHARMA D.S. Mechanical Measurements & Control, Metropolitan Book Co. 1989. DOEBLIN, Measurement Systems Application and Design, TMH, 1993	Google Meet
Tuesday, September 01, 2020	2 PM - 4PM	Dr. R. Viswajayamurthy	Dynamics of Machines	Mechanical	III	S	A	Balancing of reciprocating masses - various engines	Theory of Machines - R.S. Khurmi	Webex
Tuesday, September 01, 2020	10 AM - 12 PM	Mrs. P. Vithya	Heat and Mass Transfer	Mechanical	III	S	B	LMT-4 Free and Forced Convection-Hydrodynamic and Thermal Boundary Layer - Forced Convection of external flow over Plates	R.C. Sachdeva, "Fundamentals of Engineering Heat & Mass transfer"	Zoom, Webex
Tuesday, September 01, 2020	10 AM - 12 PM	Mr. R. Balakumar	Heat and Mass Transfer	Mechanical	III	S	A	Extended Surface - Unsteady Heat Conduction	R.C. Sachdeva, "Fundamentals of Engineering Heat & Mass transfer"	Microsoft Teams
Tuesday, September 01, 2020	2 PM - 4PM	Dr. S.D.Sathakumar	Machine Drawing Practical	Mechanical	III	S	B	Construction of working drawings for shaft and shafts	P.K. Gopalakrishna, "Machine Drawing"	Webex
Wednesday, September 02, 2020	10 AM - 12 PM	Dr. T. Rajesohan	Design of Machine Elements	Mechanical	III	S	B	Direct, bending and torsional stress equation	V. B. Shrivastava, Design of Machine Elements, TMH, 2007	Webex
Wednesday, September 02, 2020	10 AM - 12 PM	Dr. A. Anandaraman	Manufacturing Technology	Mechanical	III	S	A	Capstan and turner lathe	Manufacturing processes by Rajgud	Zoom
Wednesday, September 02, 2020	2 PM - 4PM	Mr. G. Harish	Metallurgy and Quality Control	Mechanical	III	S	B	Comparators - Introduction - Characteristics and uses	Engineering Metrology by R.K. Jain	Google Class room, Google Meet / Zoom
Wednesday, September 02, 2020	2 PM - 4PM	Mr. K. Chakravarthy	Instrumentation and Control	Mechanical	III	S	A	Accuracy, stability, range, accuracy and precision-static and dynamic response	R.K. Jain, Mechanical and Industrial Measurements, Khanna Publishers, 2004, 12 th Edition	Zoom
Thursday, September 03, 2020	10 AM - 12 PM	Dr. M. Venkatesh	Machine Drawing Practical	Mechanical	III	S	A	Representation of tolerances on drawing	Machine Drawing by K.R.Gopalakrishna - 2 Machine Drawing by N. D. Bhatt and V.M. Panchal	Google Meet
Thursday, September 03, 2020	2 PM - 4PM	Dr. A. Nandakumar	Dynamics of Machines	Mechanical	III	S	B	Problems - Torsional vibration of geared system	R.S. KHURMI & GUPTA J.K. Theory of Machines	Zoom
Thursday, September 03, 2020	2 PM - 4PM	Dr. K. Palani	Design of Machine Elements	Mechanical	III	S	A	i) Strain energy and corresponding problems ii) Impact and shock loading	Machine Design by R.S.Khurmi and J.K. Gupta	Microsoft Teams
Thursday, September 03, 2020	10 AM - 12 PM	Mr. R. Elagan	Instrumentation and Control	Mechanical	III	S	B	DENSITY MEASUREMENT - Phenomena, Hydrometer, differential bulb, Liquid level Measurements. VISCOSITY - Capillary tube viscometer, orifice viscometer, U-tube, U-tube viscometer, Rotational cylinder viscometer. LMT-4 - Forced Convection of external flow over Cylinder, cylinders in plates and cylinders	SHARMA D.S. Mechanical Measurements & Control, Metropolitan Book Co. 1989. DOEBLIN, Measurement Systems Application and Design, TMH, 1997	Google Meet
Friday, September 04, 2020	2 PM - 4PM	Mrs. P. Vithya	Heat and Mass Transfer	Mechanical	III	S	B	LMT-4 Free and Forced Convection-Hydrodynamic and Thermal Boundary Layer - Forced Convection of external flow over Plates	R.C. Sachdeva, "Fundamentals of Engineering Heat & Mass transfer"	Zoom, Webex
Friday, September 04, 2020	2 PM - 4PM	Mr. A. Balakumar	Heat and Mass Transfer	Mechanical	III	S	A	Extended Surface - Unsteady Heat Conduction	R.C. Sachdeva, "Fundamentals of Engineering Heat & Mass transfer"	Microsoft Teams
Friday, September 04, 2020	10 AM - 12 PM	Mr. R. Elagan	Metrology and Quality Control	Mechanical	III	S	A	Line Protractor and line bar - Optical instruments for angular measurement - Autocollimator - Angle Gauge.	BESTERFIELD D.H., "Quality Control", Prentice Hall, 7th edition, 2003	Google Meet
Friday, September 04, 2020	10 AM - 12 PM	Mr. K. Chakravarthy	Manufacturing Technology	Mechanical	III	S	B	Types of Dieck, chip formation	R.K. Rajgud A. Textbook of Manufacturing Technology, Manufacturing Processes seventh publications 2007	ZOOM
Saturday, September 05, 2020	2 PM - 4PM	Dr. T. Rajesohan	Design of Machine Elements	Mechanical	III	S	B	Stokes and Goodman's equations	V. B. Shrivastava, Design of Machine Elements, TMH, 2007	Webex
Saturday, September 05, 2020	10 AM - 12 PM	Dr. R. Viswajayamurthy	Dynamics of Machines	Mechanical	III	S	A	Hammer blow, coupling couple	Theory of Machines - R.S. Khurmi	Webex
Saturday, September 05, 2020	2 PM - 4PM	Mr. B. Elagan	Metallurgy and Quality Control	Mechanical	III	S	A	Block gauges - comparators square and parallel - dial gauges - types - plunger type - needle type - Magnetic V blocks	BESTERFIELD D.H., "Quality Control", Prentice Hall, 7th edition, 2003	Google Meet
Saturday, September 05, 2020	10 AM - 12 PM	Mr. G. Harish	Metrology and Quality Control	Mechanical	III	S	B	Types of Comparators	SHARMA S.C., "Inspection Quality Control and Reliability", Khanna Publishers, 2008	Google Meet
Sunday, September 06, 2020	2 PM - 4PM	Dr. M. Venkatesh	Machine Drawing Practical	Mechanical	III	S	A	Fit - types - selection and specification of fit - allowance	Engineering Metrology by R.K. Jain	Google Class room, Google Meet / Zoom
Sunday, September 06, 2020	10 AM - 12 PM	Dr. S.D.Sathakumar	Machine Drawing Practical	Mechanical	III	S	B	Preparation of working drawing for cotter joints	Machine Drawing by K.R.Gopalakrishna - 2 Machine Drawing by N. D. Bhatt and V.M. Panchal	Google Meet
Sunday, September 06, 2020	10 AM - 12 PM	Mr. K. Chakravarthy	Instrumentation and Control	Mechanical	III	S	A	Various pressure measurement devices	K.R. Gopalakrishna, "Machine Drawing"	Webex
Sunday, September 06, 2020	10 AM - 12 PM	Mr. K. Chakravarthy	Manufacturing Technology	Mechanical	III	S	B	Types of LPTM and generators	R.K. Jain, Mechanical and Industrial Measurements, Khanna Publishers, 2004, 12 th Edition	Zoom
Sunday, September 06, 2020	2 PM - 4PM	Mr. K. Chakravarthy	Manufacturing Technology	Mechanical	III	S	B	Types of LPTM and generators	R.K. Rajgud A. Textbook of Manufacturing Technology, Manufacturing Processes seventh publications 2007	ZOOM