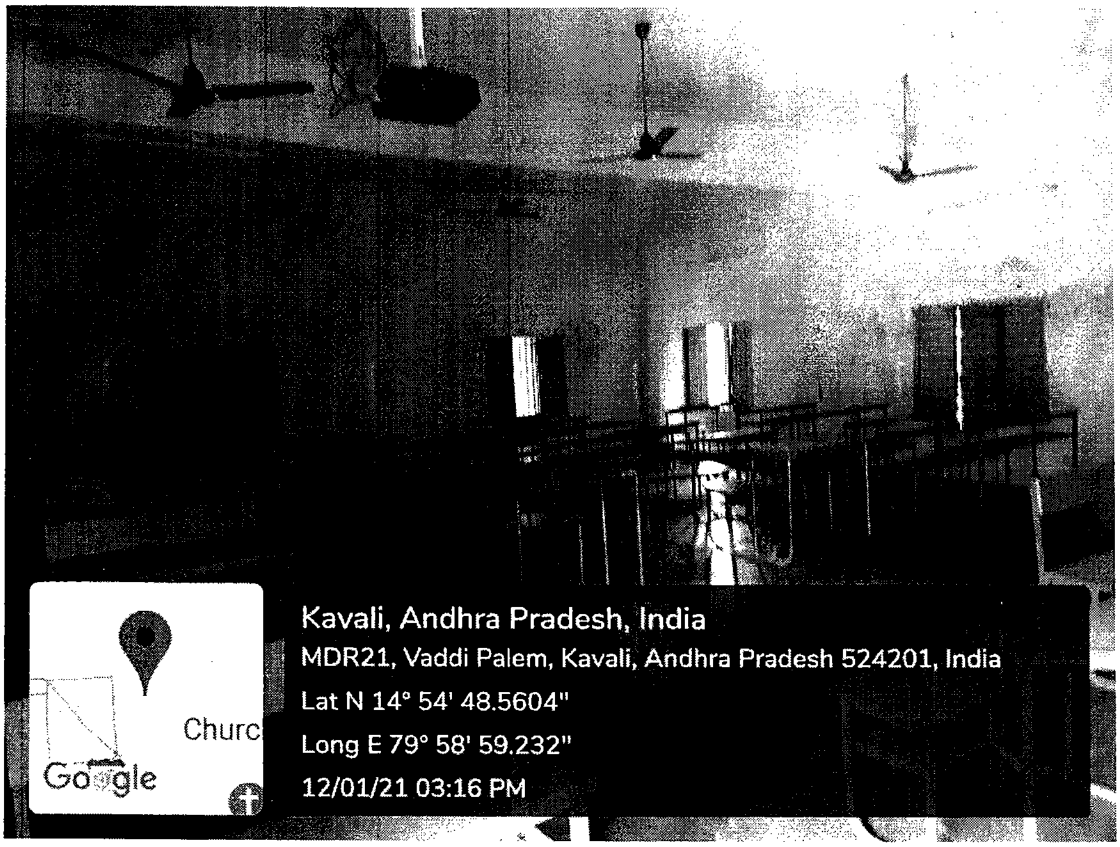
ICT Enabled Class Rooms:



Kavali, Andhra Pradesh, India
MDR21, Vaddi Palem, Kavali, Andhra Pradesh 524201, India
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Long E 79° 58' 59.232"
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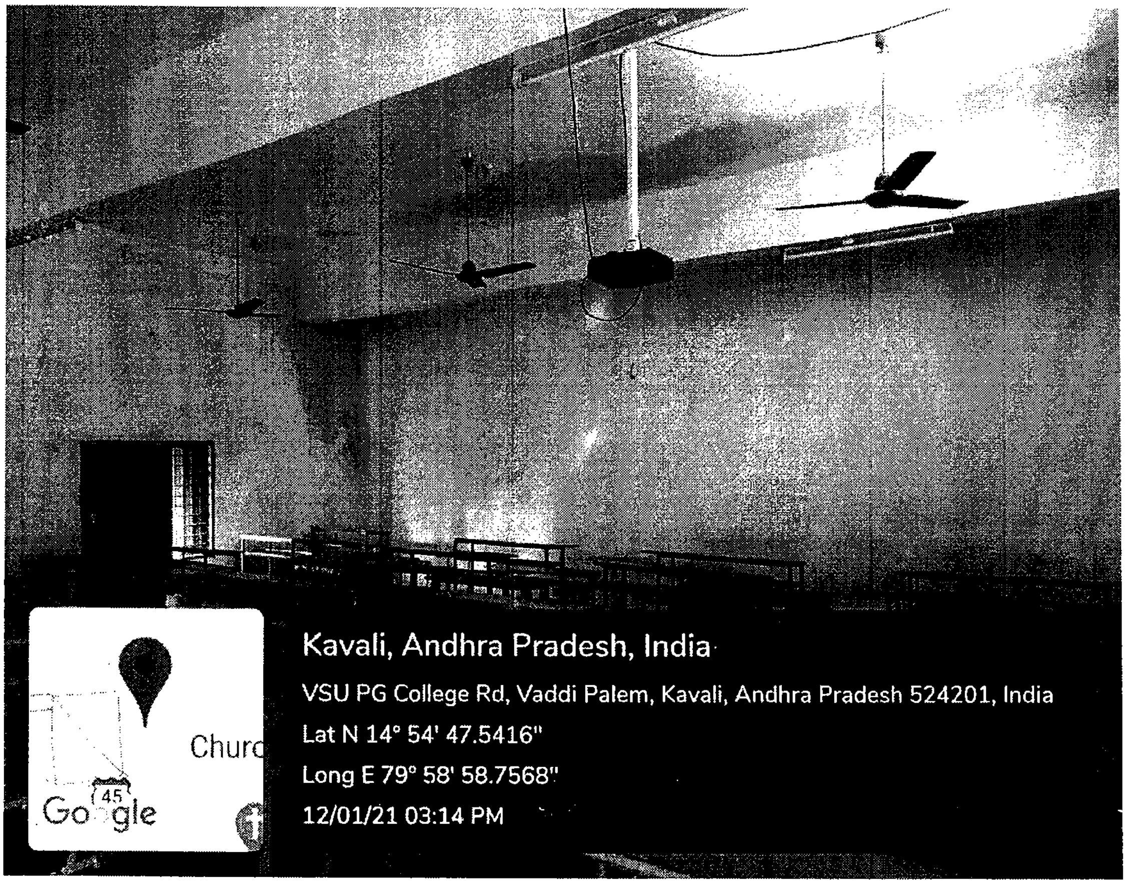

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VSU PG College Rd, Vaddi Palem, Kavali, Andhra Pradesh 524201, India
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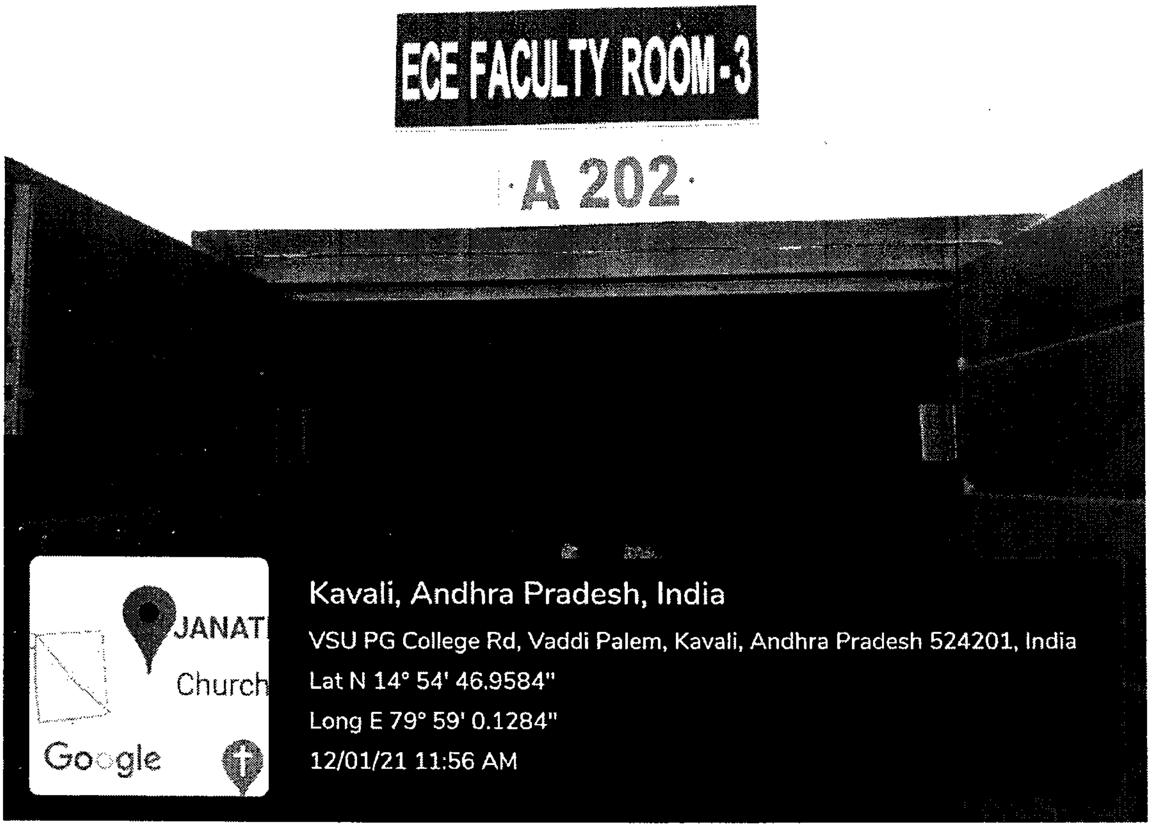
12/01/21 03:14 PM

ECE Faculty Room:


ECE FACULTY ROOM-3
A 202
JANAT
Church
Google

Kavali, Andhra Pradesh, India
VSU PG College Rd, Vaddi Palem, Kavali, Andhra Pradesh 524201, India
Lat N 14° 54' 46.9584"
Long E 79° 59' 0.1284"
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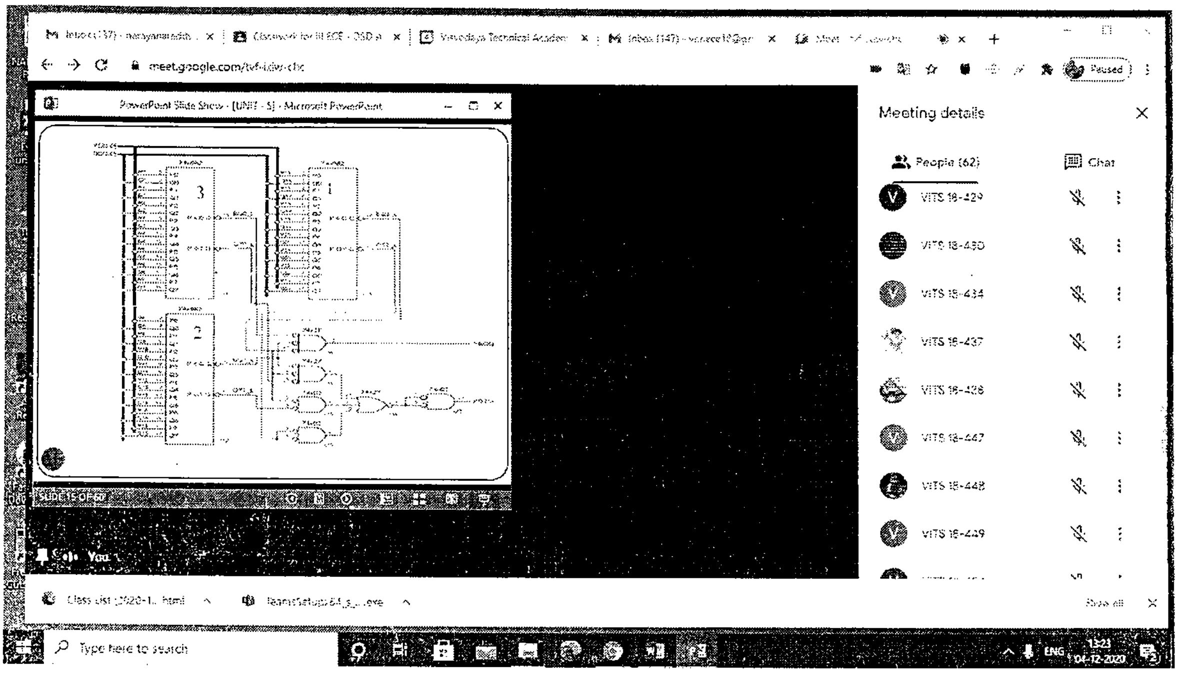
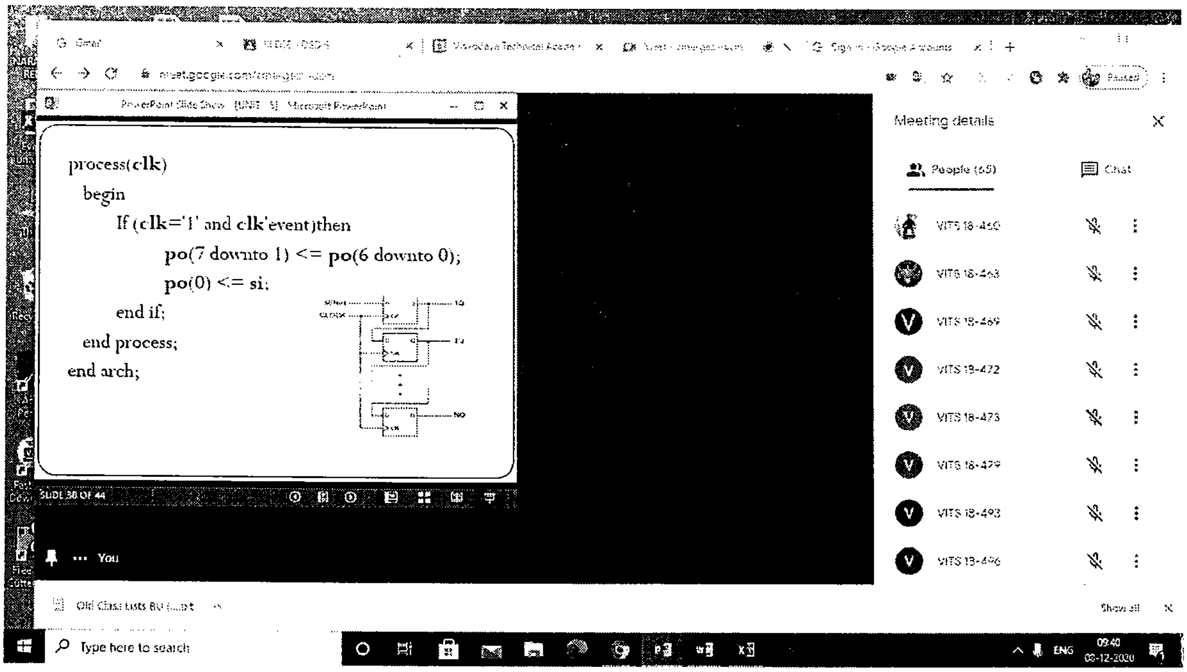

meet.google.com
PowerPoint Slide Show - [UNIT - 5] - Microsoft PowerPoint
3
1
2
SLIDE 15 OF 60
You
Meeting details
People (62)
Chat
VITS 18-429
VITS 18-430
VITS 18-434
VITS 18-437
VITS 18-438
VITS 18-447
VITS 18-448
VITS 18-449
Show all
Type here to search
ENG
13:23
04-12-2020


Gmail
meet.google.com
PowerPoint Slide Show - [UNIT - 5] - Microsoft PowerPoint

```
process(clk)
  begin
      If (clk='1' and clk'event)then
            po(7 downto 1) <= po(6 downto 0);
            po(0) <= si;
      end if;
  end process;
end arch;
```

CLOCK
NO
SLIDE 38 OF 44
You
Meeting details
People (65)
Chat
VITS 18-460
VITS 18-463
VITS 18-469
VITS 18-472
VITS 18-473
VITS 18-479
VITS 18-493
VITS 18-496
Show all
Type here to search
ENG
09:40
02-12-2020

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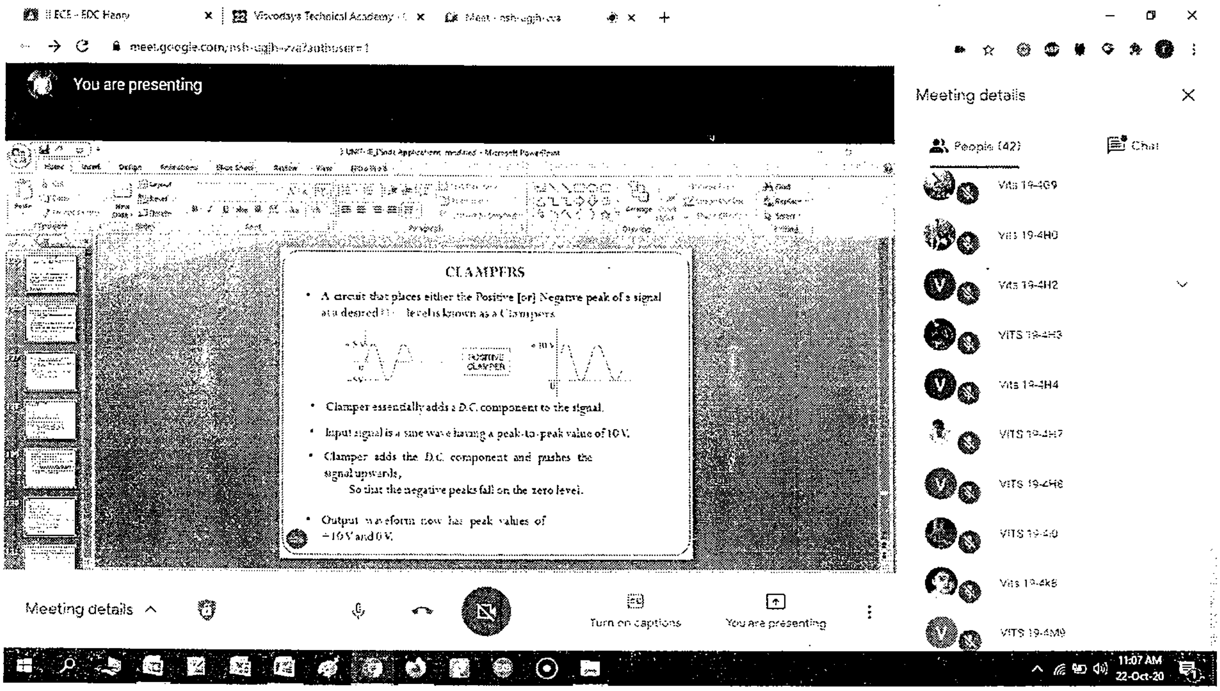
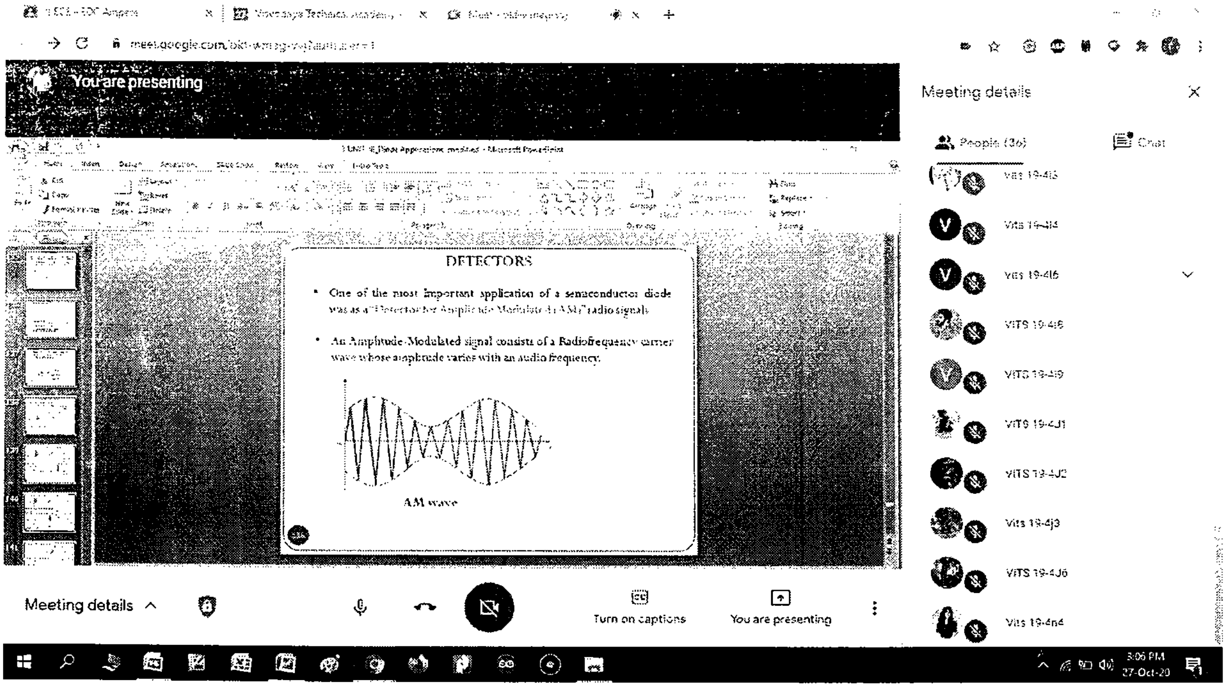

You are presenting
meet.google.com/nsh-ugjh-zva?authuser=1
Meeting details
People (42)
Chat
Vits 19-4G9
Vits 19-4H0
Vits 19-4H2
VITS 19-4H3
Vits 19-4H4
VITS 19-4H7
VITS 19-4H8
VITS 19-4J0
Vits 19-4k8
VITS 19-4M9
Meeting details
Turn on captions
You are presenting
11:07 AM
22-Oct-20

CLAMPERS

- A circuit that places either the Positive [or] Negative peak of a signal at a desired D.C. level is known as a Clampers.

+5V
0
-5V
POSITIVE CLAMPER
+10 V
0

- Clamper essentially adds a D.C. component to the signal.
- Input signal is a sine wave having a peak-to-peak value of 10 V.
- Clamper adds the D.C. component and pushes the signal upwards,
  So that the negative peaks fall on the zero level.
- Output waveform now has peak values of +10 V and 0 V.


You are presenting
Meeting details
People (36)
Chat
Vits 19-4i5
Vits 19-4i4
Vits 19-4i6
VITS 19-4i8
VITS 19-4i9
VITS 19-4J1
VITS 19-4J2
Vits 19-4j3
VITS 19-4J6
Vits 19-4n4
Meeting details
Turn on captions
You are presenting
3:06 PM
27-Oct-20

DETECTORS

- One of the most Important application of a semiconductor diode was as a "Detector for Amplitude Modulated (AM)" radio signals.
- An Amplitude-Modulated signal consists of a Radiofrequency carrier wave whose amplitude varies with an audio frequency.

AM wave

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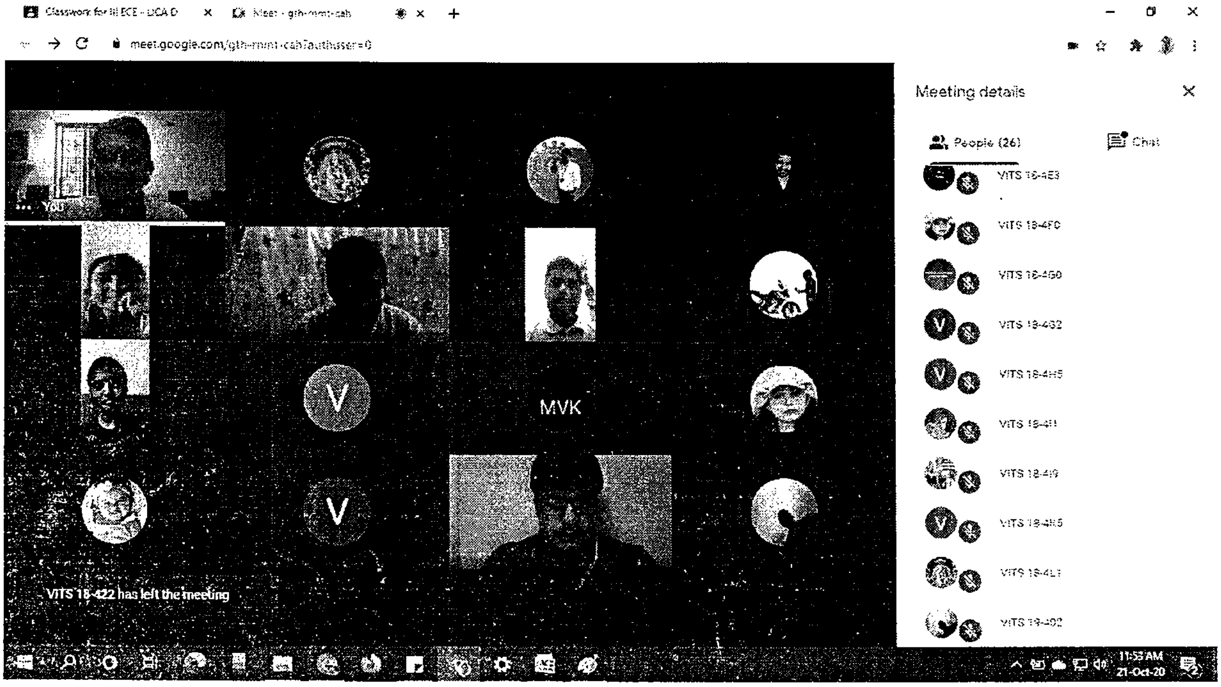
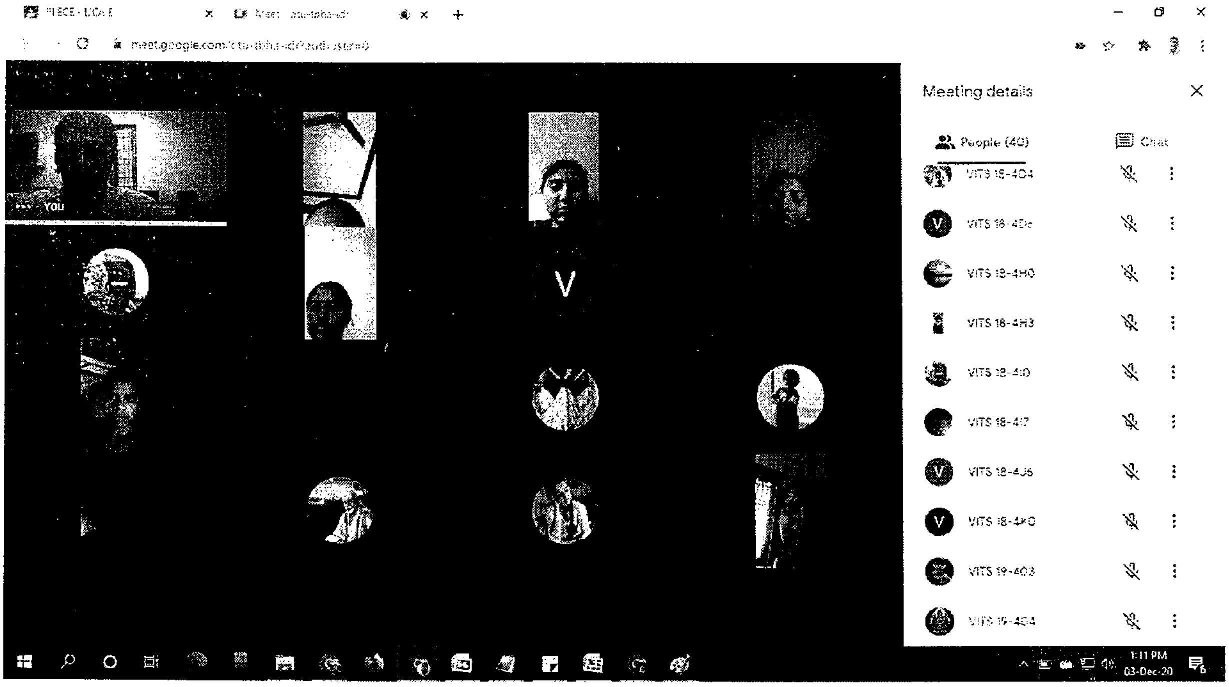

Classwork for III ECE - LICA D
Meet - gth-mmt-cah
meet.google.com/gth-mmt-cah?authuser=0
You
MVK
V
V
11:53 AM
21-Oct-20

VITS 18-422 has left the meeting

Meeting details

People (26) Chat

VITS 18-4E3
VITS 18-4F0
VITS 18-4G0
VITS 18-4G2
VITS 18-4H5
VITS 18-4I1
VITS 18-4I9
VITS 18-4K5
VITS 18-4L1
VITS 19-402


III ECE - LICA E
Meet
You
V
1:11 PM
03-Dec-20

Meeting details

People (40) Chat

VITS 18-404
VITS 18-4Dc
VITS 18-4H0
VITS 18-4H3
VITS 18-4I0
VITS 18-4I7
VITS 18-4J6
VITS 18-4K0
VITS 19-403
VITS 19-404

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TIME TABLE

Acd Year:2019-2020 (II SEM) **W.E.F:20-04-2020**
CLASS : II B.TECH , A section

	1		2		3		4		SUBJECT		FACULTY NAME
	09:00 AM to 10:00 AM		11:00AM to 12:00 PM		1:00 PM to 2:00 PM		3:00 PM to 4:00 PM				
MON	M-IV		ACS		EMTL		CSE		M-IV	MATHEMATICS IV	V KRISHNA VENI
TUE	ECA		EMTL		M-IV		DS		ECA	ELECTONIC CIRCUIT ANALYSIS	N KRISHNA CHAITHANYA
WED	CSE		M-IV		DS		ACS		ACS	ANALOG COMMUNICATION SYSTEMS	CH AMARNATH SHARMA
THU	ACS		CSE		ECA		EMTL		EMTL	ELECTROMAGNETIC THEORY AND TRANSMISSION LINES	Dr M R ARUN
FRI	EMTL		ECA		M-IV		DS		DS	DATA STRUCTURES	N SAI SINDUJA
SAT	DS		CSE		ACS		ECA		CSE	CONTROL SYSTEM ENGINEERING	T GOWRI KISHORE

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CLASS : II B.TECH , B section

W.E.F:20-04-2020

	1		**2**		**3**		**4**				
	09:00 AM to 10:00 AM		**11:00AM to 12:00 PM**		**1:00 PM to 2:00 PM**		**3:00 PM to 4:00 PM**		SUBJECT		FACULTY NAME
MON	CSE		ECA		M-IV		EMTL		M-IV	MATHEMATICS IV	V KRISHNA VENI
TUE	DS		ACS		CSE		ECA		ECA	ELECTONIC CIRCUIT ANALYSIS	R RANJIT KUMAR
WED	ACS		EMTL		DS		M-IV		ACS	ANALOG COMMUNICATION SYSTEMS	CH AMARNATH SHARMA
THU	ECA		DS		ACS		CSE		EMTL	ELECTROMAGNETIC THEORY AND TRANSMISSION LINES	L M L NARAYANA REDDY
FRI	EMTL		M-IV		DS		ACS		DS	DATA STRUCTURES	M MADHU KIRAN
SAT	M-IV		CSE		ECA		EMTL		CSE	CONTROL SYSTEM ENGINEERING	M VENKATA RATHNAM

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W.E.F:20-04-2020

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	09:00 AM to 10:00 AM	11:00AM to 12:00 PM	1:00 PM to 2:00 PM	3:00 PM to 4:00 PM			
MON	ECA	DS	ACS	M-IV	M-IV	MATHEMATICS IV	V KRISHNA VENI
TUE	EMTL	M-IV	DS	CSE	ECA	ELECTONIC CIRCUIT ANALYSIS	N KRISHNA CHAITHANYA
WED	DS	ACS	CSE	ECA	ACS	ANALOG COMMUNICATION SYSTEMS	Dr A MAHESWARA RAO
THU	M-IV	ECA	EMTL	DS	EMTL	ELECTROMAGNETIC THEORY AND TRANSMISSION LINES	V PHANI BUSHAN
FRI	ACS	CSE	ECA	EMTL	DS	DATA STRUCTURES	N SAI SINDUJA
SAT	CSE	EMTL	M-IV	ACS	CSE	CONTROL SYSTEM ENGINEERING	T GOWRI KISHORE

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W.E.F:20-04-2020

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	09:00 AM to 10:00 AM	11:00AM to 12:00 PM	1:00 PM to 2:00 PM	3:00 PM to 4:00 PM			
MON	EMTL	ACS	ECA	CSE	M-IV	MATHEMATICS IV	V KRISHNA VENI
TUE	CSE	ECA	DS	M-IV	ECA	ELECTONIC CIRCUIT ANALYSIS	R RANJIT KUMAR
WED	M-IV	CSE	EMTL	ECA	ACS	ANALOG COMMUNICATION SYSTEMS	SK RASOOL
THU	ACS	EMTL	M-IV	DS	EMTL	ELECTROMAGNETIC THEORY AND TRANSMISSION LINES	Dr M R ARUN
FRI	ECA	DS	CSE	ACS	DS	DATA STRUCTURES	P ANUSHA
SAT	DS	M-IV	ACS	EMTL	CSE	CONTROL SYSTEM ENGINEERING	M VENKATA RATHNAM

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CLASS : III B.TECH , A section

W.E.F:20-04-2020

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	09:00 AM to 10:00 AM		11:00AM to 12:00 PM		1:00 PM to 2:00 PM		3:00 PM to 4:00 PM				
MON	MEFA		DSP		VLSID		IE		MEFA	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	B SUREKHA KUMARI
TUE	EMI		VLSID		MEFA		MPMC		MP & MC	MICROPROCESSORS & MICROCONTROLLERS	A SUMAN KUMAR REDDY
WED	IE		MEFA		MPMC		DSP		DSP	DIGITAL SIGNAL PROCESSING	Dr D PRATHYUSHA REDDI
THU	DSP		IE		EMI		VLSID		IE	INDUSTRIAL ELECTRONICS	R SATEESH
FRI	VLSID		EMI		MEFA		MPMC		EMI	ELECRONIC MEASUREMENTS AND INSTRUMENTATION	M RAMAMOHAN REDDY
SAT	MPMC		IE		DSP		EMI		VLSID	VLSI DESIGN	M PAVITRA

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	09:00 AM to 10:00 AM		**11:00AM to 12:00 PM**		**1:00 PM to 2:00 PM**		**3:00 PM to 4:00 PM**		SUBJECT		FACULTY NAME
MON	IE		EMI		MEFA		VLSID		MEFA	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	B SUREKHA KUMARI
TUE	MPMC		DSP		IE		EMI		MP & MC	MICROPROCESSORS & MICROCONTROLLERS	M SUREKHA
WED	DSP		VLSID		MPMC		MEFA		DSP	DIGITAL SIGNAL PROCESSING	Dr A S V SHARMA
THU	EMI		MPMC		DSP		IE		IE	INDUSTRIAL ELECTRONICS	Dr N SATHEESH KUMAR
FRI	VLSID		MEFA		MPMC		DSP		EMI	ELECRONIC MEASUREMENTS AND INSTRUMENTATION	K UMA
SAT	MEFA		IE		EMI		VLSID		VLSID	VLSI DESIGN	S MADHURI

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	1		2		3		4		SUBJECT		FACULTY NAME
	09:00 AM to 10:00 AM		11:00AM to 12:00 PM		1:00 PM to 2:00 PM		3:00 PM to 4:00 PM				
MON	EMI		MPMC		DSP		MEFA		MEFA	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	B SUREKHA KUMARI
TUE	VLSID		MEFA		MPMC		IE		MP & MC	MICROPROCESSORS & MICROCONTROLLERS	D UMA MAHESWARA REDDY
WED	MPMC		DSP		IE		EMI		DSP	DIGITAL SIGNAL PROCESSING	K KIRANMAI JYOTHI
THU	MEFA		EMI		VLSID		MPMC		IE	INDUSTRIAL ELECTRONICS	R SATEESH
FRI	DSP		IE		EMI		VLSID		EMI	ELECRONIC MEASUREMENTS AND INSTRUMENTATION	M RAMAMOHAN REDDY
SAT	IE		VLSID		MEFA		DSP		VLSID	VLSI DESIGN	C R USHA

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MON	VLSID		DSP		EMI		CSE		MEFA	MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS	B SUREKHA KUMARI
TUE	CSE		EMI		MPMC		MEFA		MP & MC	MICROPROCESSORS & MICROCONTROLLERS	M SUREKHA
WED	MEFA		CSE		VLSID		EMI		DSP	DIGITAL SIGNAL PROCESSING	A VENKA REDDY
THU	DSP		VLSID		MEFA		MPMC		IE	INDUSTRIAL ELECTRONICS	Dr N SATHEESH KUMAR
FRI	EMI		MPMC		CSE		DSP		EMI	ELECRONIC MEASUREMENTS AND INSTRUMENTATION	K UMA
SAT	MPMC		MEFA		VLSID		DSP		VLSID	VLSI DESIGN	S MADHURI

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DEPARTMENT OF MECHANICAL ENGINEERING

SUBJECT :AUTOMOBILE ENGINEERING

FACULTY NAME :V.PAVAN KUMAR

TOPIC : Main Components of an Automobile

YEAR : IV

Components of a four wheeler Automobile

About 1500 separate parts are put together make an automobile.

These parts are grouped into several system

Each system is made up of two or more part that work together to perform a specific job

The automotive vehicles are produced in lar variety of sizes and shapes.

All have the same basic parts and systems.

COMPONENTS OF AUTOMOBIL

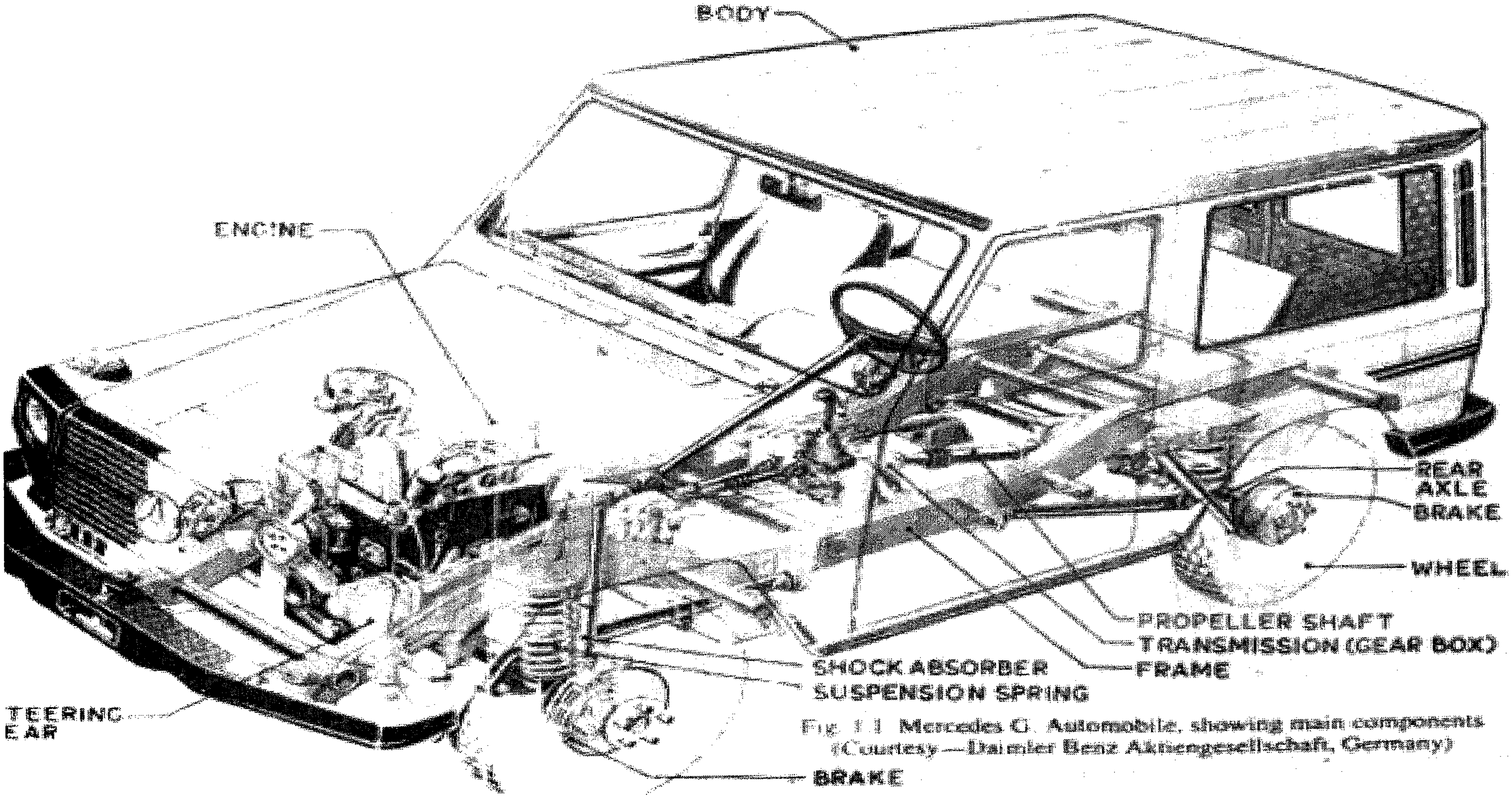
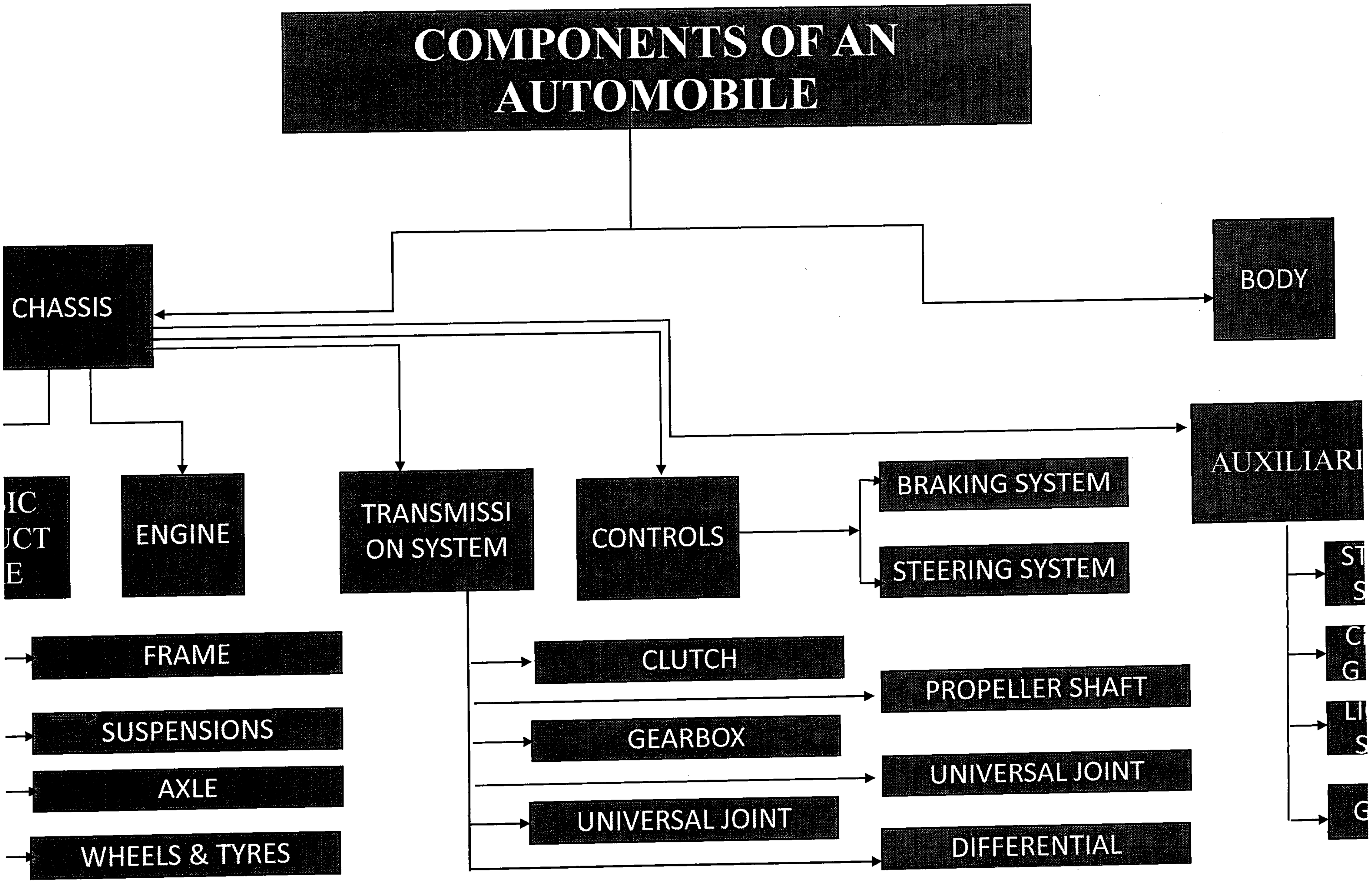

BODY
ENGINE
TEERING
EAR
REAR
AXLE
BRAKE
WHEEL
PROPELLER SHAFT
TRANSMISSION (GEAR BOX)
FRAME
SHOCK ABSORBER
SUSPENSION SPRING
BRAKE

Fig. 1.1 Mercedes C. Automobile, showing main components (Courtesy—Daimler Benz Aktiengesellschaft, Germany)


COMPONENTS OF AN AUTOMOBILE
CHASSIS
BODY
IC
UCT
E
ENGINE
TRANSMISSION SYSTEM
CONTROLS
BRAKING SYSTEM
STEERING SYSTEM
AUXILIARI
ST
S
C
G
LI
S
G
FRAME
SUSPENSIONS
AXLE
WHEELS & TYRES
CLUTCH
PROPELLER SHAFT
GEARBOX
UNIVERSAL JOINT
UNIVERSAL JOINT
DIFFERENTIAL

Main Components of an Automobile

Basic Structure - It consists of the frame, the suspension system, axles. wheels and

.

Engine - It provides the motive power for all the various functions which the vehicl
part or it, may be required to perform. The Engine for automotive use is of internal
bustion type.

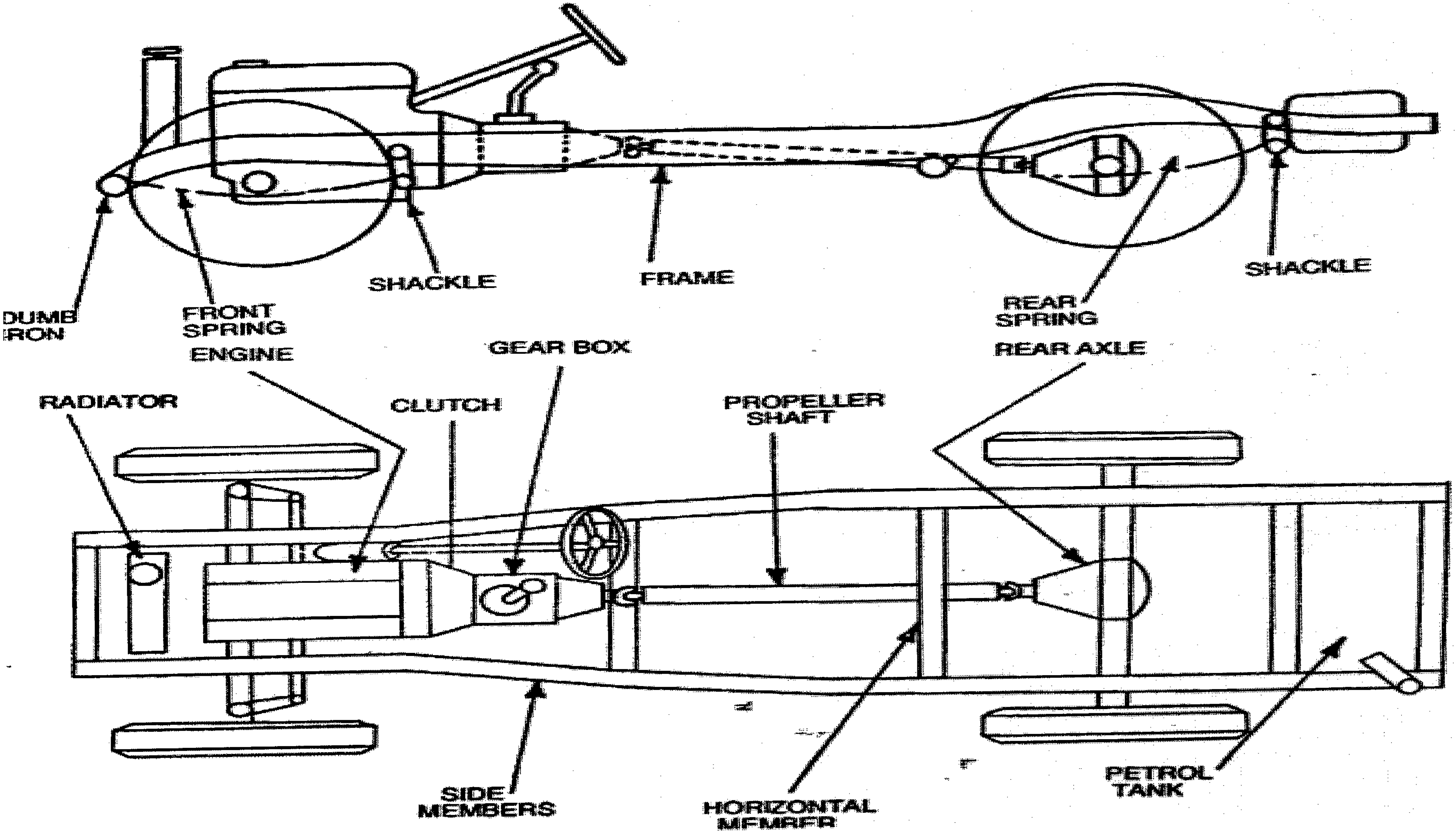
Transmission System - It consists of a Clutch, a gear box giving four, five or even
rent ratios of torque output to torque input, a propeller shaft to transmit the torque ou
the gearbox to the rear axle and a differential gear to distribute the final torque equa
een the driving wheels.

Auxiliaries - The Principle one out of these is the electrical system.

Controls - They consist of steering system and the brakes.

Superstructure - In those cases where frameless construction is not adopted there
uperstructure, i.e., The Body.

CHASSIS



SHACKLE
FRAME
SHACKLE
DUMB IRON
FRONT SPRING
REAR SPRING
ENGINE
GEAR BOX
REAR AXLE
RADIATOR
CLUTCH
PROPELLER SHAFT
SIDE MEMBERS
HORIZONTAL MEMBER
PETROL TANK

RODUCTION OF CHASSIS FRAME:

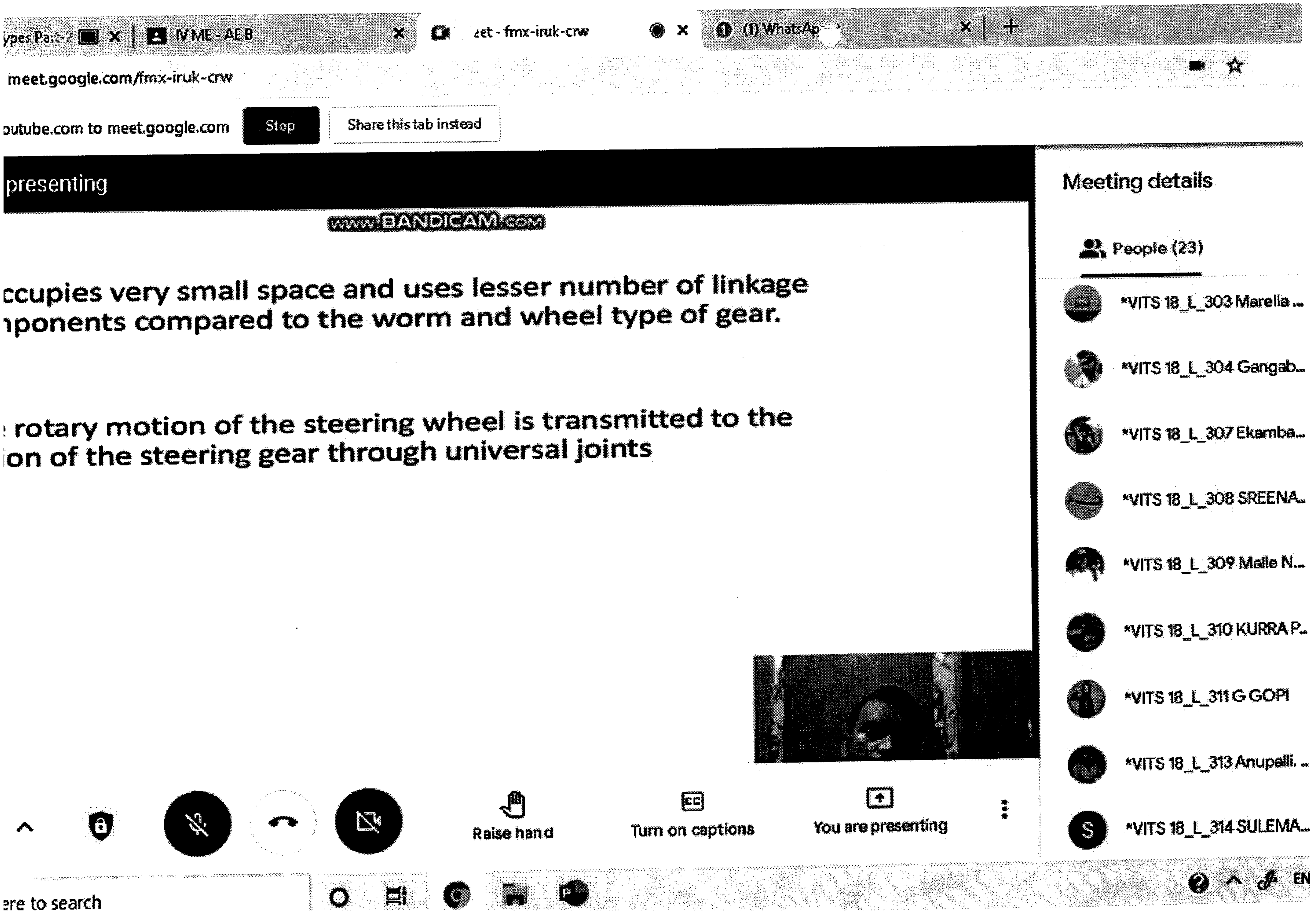
sis is a French term and was initially used to denote the frame parts or B
cture of the vehicle.

the back bone of the vehicle.

hicle with out body is called Chassis.

components of the vehicle like Power plant, Transmission System, Axle
els and Tyres, Suspension, Controlling Systems like Braking, Steering e
also electrical system parts are mounted on the Chassis frame.

the main mounting for all the components including the body. So it is als
d as Carrying Unit.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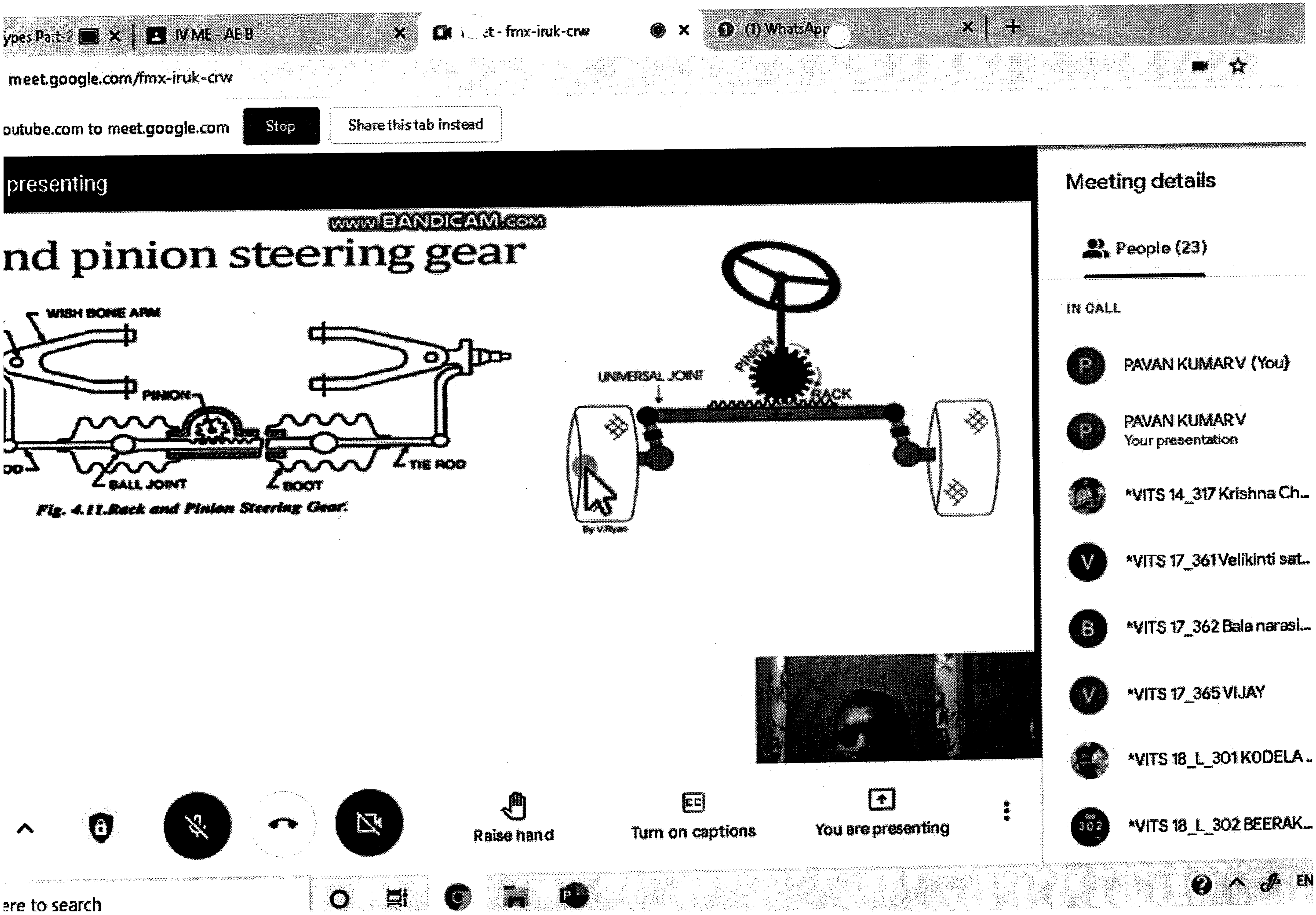
ccupies very small space and uses lesser number of linkage
nponents compared to the worm and wheel type of gear.

rotary motion of the steering wheel is transmitted to the
ion of the steering gear through universal joints

Meeting details

People (23)

*VITS 18_L_303 Marella ...
*VITS 18_L_304 Gangab...
*VITS 18_L_307 Ekamba...
*VITS 18_L_308 SREENA...
*VITS 18_L_309 Malle N...
*VITS 18_L_310 KURRA P...
*VITS 18_L_311 G GOPI
*VITS 18_L_313 Anupalli, ...
*VITS 18_L_314 SULEMA...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By V.Ryan
Meeting details
People (23)
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nd pinion steering gear

Fig. 4.11.Rack and Pinion Steering Gear.

PAVAN KUMAR V (You)

PAVAN KUMAR V
Your presentation

*VITS 14_317 Krishna Ch...

*VITS 17_361 Velikinti sat...

*VITS 17_362 Bala narasi...

*VITS 17_365 VIJAY

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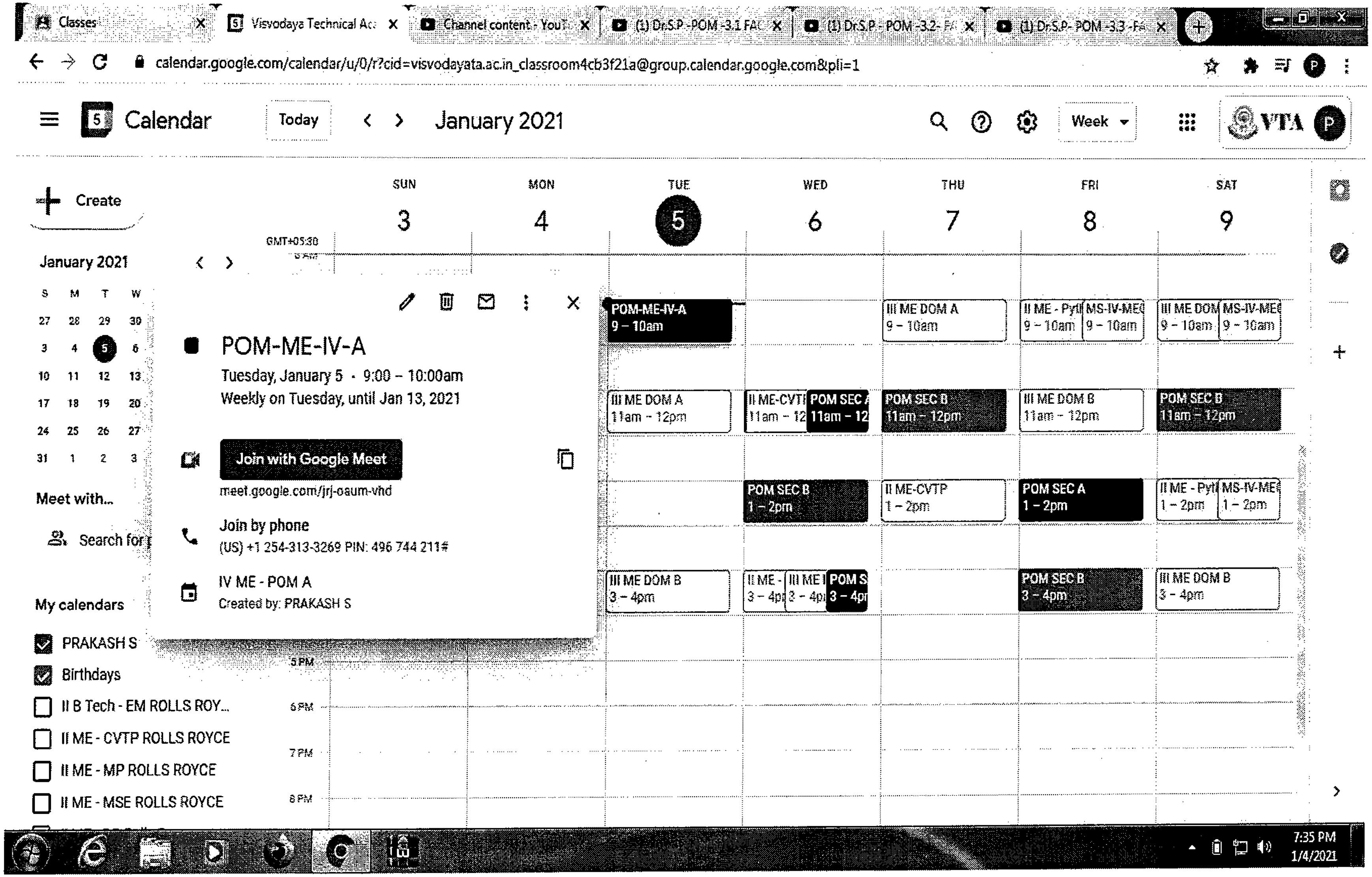
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☑ PRAKASH S
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☐ II ME - MP ROLLS ROYCE
☐ II ME - MSE ROLLS ROYCE

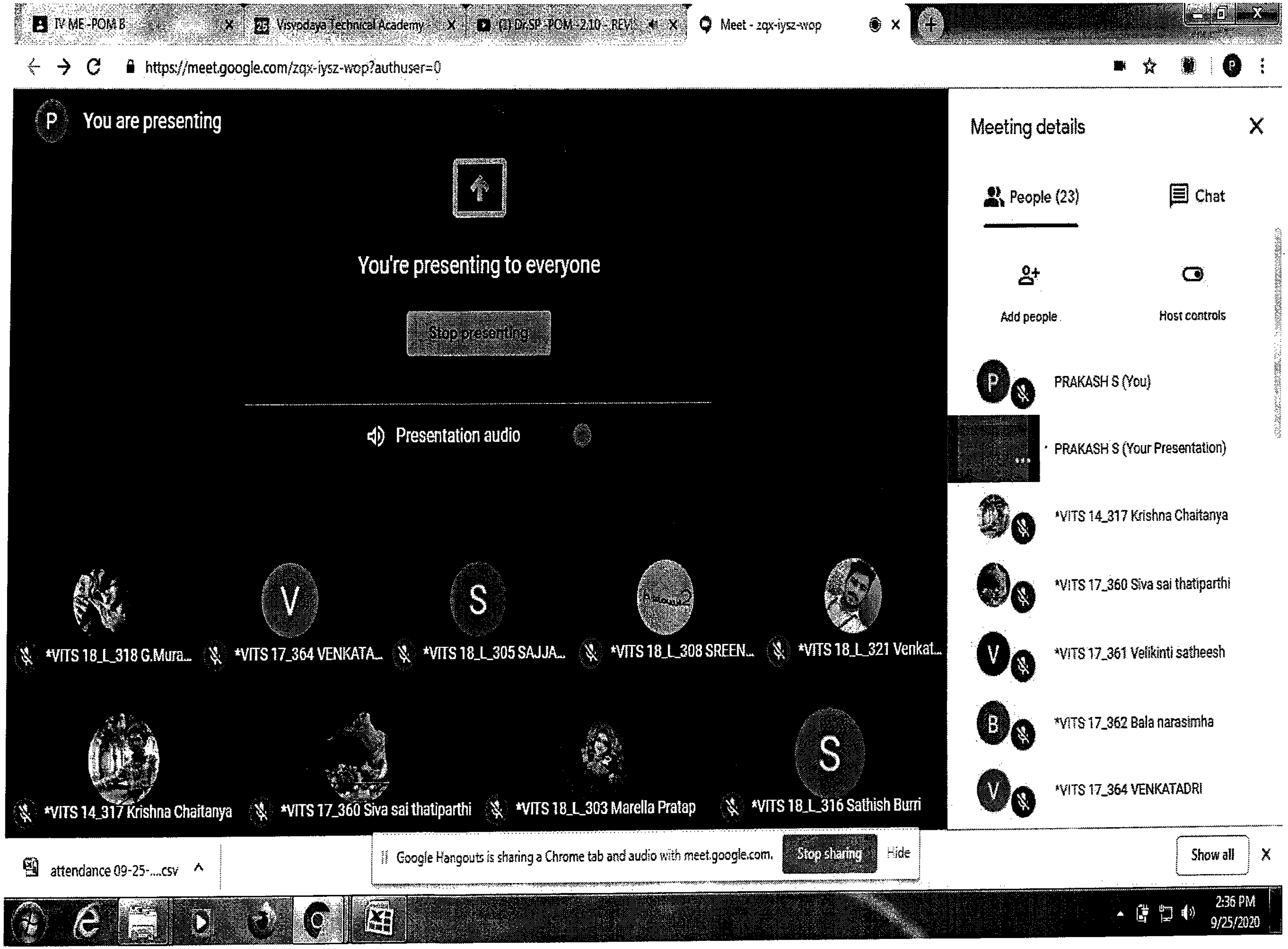
POM-ME-IV-A
Tuesday, January 5 · 9:00 – 10:00am
Weekly on Tuesday, until Jan 13, 2021

Join with Google Meet
meet.google.com/jrj-oaum-vhd

Join by phone
(US) +1 254-313-3269 PIN: 496 744 211#

IV ME - POM A
Created by: PRAKASH S

TUE 5: POM-ME-IV-A 9 – 10am; III ME DOM A 11am – 12pm; III ME DOM B 3 – 4pm
WED 6: II ME-CVTI 11am – 12; POM SEC A 11am – 12; POM SEC B 1 – 2pm; II ME - 3 – 4p; III ME 3 – 4p; POM S 3 – 4p
THU 7: III ME DOM A 9 – 10am; POM SEC B 11am – 12pm; II ME-CVTP 1 – 2pm
FRI 8: II ME - Pyt 9 – 10am; MS-IV-ME 9 – 10am; III ME DOM B 11am – 12pm; POM SEC A 1 – 2pm; POM SEC B 3 – 4pm
SAT 9: III ME DOM 9 – 10am; MS-IV-ME 9 – 10am; POM SEC B 11am – 12pm; II ME - Pyt 1 – 2pm; MS-IV-ME 1 – 2pm; III ME DOM B 3 – 4pm



IV ME-POM B

Visvodaya Technical Academy

(1) Dr.SP -POM-2.10 - REV

Meet - zqx-iysz-wop

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Presentation audio

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*VITS 17_364 VENKATA...

*VITS 18_L_305 SAJJA...

*VITS 18_L_308 SREEN...

*VITS 18_L_321 Venkat...

*VITS 14_317 Krishna Chaitanya

*VITS 17_360 Siva sai thatiparthi

*VITS 18_L_303 Marella Pratap

*VITS 18_L_316 Sathish Burri

Meeting details

People (23)

PRAKASH S (You)

PRAKASH S (Your Presentation)

*VITS 14_317 Krishna Chaitanya

*VITS 17_360 Siva sai thatiparthi

*VITS 17_361 Velikinti satheesh

*VITS 17_362 Bala narasimha

*VITS 17_364 VENKATADRI

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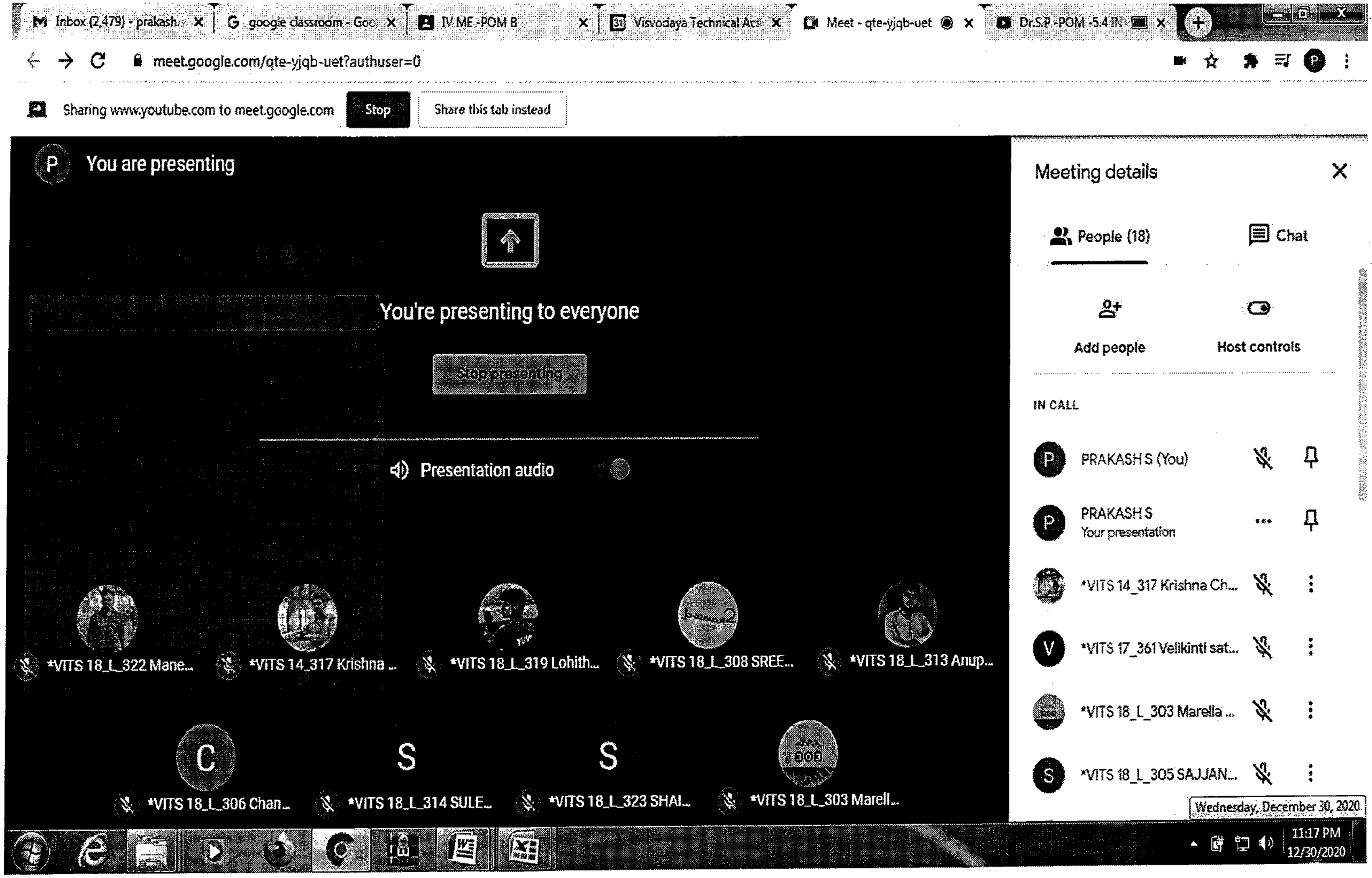
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DEPARTMENT OF MECHANICAL ENGINEERING

LESSON PLAN

Subject: CAD/CAM Class &Sec: IV B.Tech - A Faculty: P.V.NaniKrishna

A.YR : 2020-21

S.No	Week	No of periods /week	Unit	Topic to be covered	Number of periods/ unit
1	17-08-20 to 22-08-20	4	I	**Overview of CAD/CAM:** CAD, CAM, CIM, Design Process	11
				Product cycle, CAD Tools	
				CAM Tools, CAD/CAM Tools, Utilisation in Industrial Environment, Evaluation Criteria	
				CAD Standards, CAD Data structure	
2	24-08-20 to 29-08-20	4		Database - Types	
				DBMS, **Computer Graphics:** Introduction, functions, Coordinate Systems - Model Coordinate system	
				Coordinate Systems - Working and Screen Coordinate systems, 2D transformations	
				Concatenation of transformations, Problems, Homogeneous transformations, Transformations about arbitrary point	
3	31-08-20 to 05-09-20	3		Problems, 3D Transformations, Clipping - Cohen Sutherland Line clipping algorithm	
				Clipping polygons, Hidden line/ surface removal - algorithms, Shading - techniques	
				Revision	
		1	II	**Geometric Modeling:** Introduction, Representation techniques – Parametric and Non-Parametric representation	11
4	07-09-20 to 12-09-20	4		Advantages of Parametric over Non-Parametric Representation, Wireframe Modeling - entities	
				Analytic Curves – Representations, Synthetic Curves – Hermite cubic curve	
				Bezier curves, B-Spline Curves	
				B-Spline curves, Rational curves	

5	14-09-20 to 19-09-20	4		Surface Modeling – entities, Parametric Representation	
				Hermite bicubic surface, Bezier surface, B-Spline Surface	
				Coons Surface patch, Offset surface, Blending surface	
				Solid Modeling: Solid representation, Fundamentals	
6	21-09-20 to 26-09-20	2		Boundary representation, Constructive Solid Geometry	
				Constructive Solid Geometry, Analytical solid modeling, Sweep representation	
		2	III	**Numerical Control:** NC, NC Modes, NC Elements, Applications, Advantages and Disadvantages	8
				NC Machine Tools and their structure	
7	28-09-20 to 03-10-20	4		Machining Centre – Types and Features	
				Controls in NC, CNC, DNC systems	
				Adaptive Control Machining System – Types of adaptive control	
8	05-10-20 to 10-10-20	2		CNC Part Programming: Fundamentals, NC word, NC codes	
				NC codes, Canned cycles	
		1	I	Revision	1
		1	II	Revision	1
9	09-11-20 To 14-11-20	4	III	Cutter radius compensation, length compensation	5
				Computer assisted part programming using APT: Geometry statements	
				Motion statements, Post process statements,	
				Auxilliary statements, Macro statement program for simple components	
10	16-11-20 To 21-11-20	1		Revision	
		3	IV	**Group Technology & FMS:** Part Family, Classification and coding, Advantages and limitations	7
				Group Technology Machine cells, Benefits	
				FMS: Introduction, components of FMS, material handling systems	
11	23-11-20 To 28-11-20	4		Computer control systems, advantages, **Computer Aided Quality Control:** Terminology in quality control	
				Inspection and testing, Contact inspection methods	
				Optical and non-optical inspection, Integration of CAQC with CAD and CIM	
				Revision	

12	30-11-20 To 05-12-20	4	V	**Computer Aided Process Planning:** Retrieval and Generative type, benefits	8
				Machinability data systems, Computer generated time standards	
				Computer Integrated Production Planning: Capacity planning, Shop floor control	
				MRP-I, MRP-II	
13	07-12-20 To 12-12-20	4		CIMS benefits	
				Trends in Manufacturing systems: Reconfigurable manufacturing	
				Sustainable manufacturing	
				Lean manufacturing	
14	14-12-20 To 19-12-20	1	I	Revision	1
		2	II	Revision	2
				Revision	
		1	III	Revision	2
15	21-12-20 To 26-12-20	1		Revision	
		1	IV	Revision	1
		1	V	Revision	1
				Total periods	58

P.V. Nani
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DEPARTMENT OF MECHANICAL ENGINEERING
MASTER TIMETABLE

ACADEMIC YEAR : 2020-21

PERIOD		1	3	5	7
DAY	Year / Sec	8.00 TO 9.00	10.00 TO 11.00	12.00 TO 1.00	2.00 TO 3.00
MON	III-A	MT S.Bala Anki Reddy	DMM-I P.V.Nani Krishna	ENT M.Ravi Kumar	TE-II K.Manikantesh
	III-B	ENT M.Ravi Kumar	FMHM A.Madhava Rao	DOM Dr.B.Konda Reddy	DMM-I P.V.Nani Krishna
	IV-A	CAD/CAM P.V.Nani Krishna	M&M V.Pavan kumar	POM Dr.S.Prakash	MS K.Nagi Reddy
	IV-B	M&M V.Pavan kumar	MMM A.Ramanjaneyulu	CAD/CAM-B P.V.Nani Krishna	AE V.Pavan kumar
TUE	III-A	FMHM A.Madhava Rao	DOM Dr.B.Konda Reddy	ENT M.Ravi Kumar	MT S.Bala Anki Reddy
	III-B	ENT M.Ravi Kumar	MT S.Bala Anki Reddy	DOM Dr.B.Konda Reddy	TE-II K.Manikantesh
	IV-A	POM Dr.S.Prakash	CAD/CAM P.V.Nani Krishna	MMM A.Ramanjaneyulu	AE V.Pavan kumar
	IV-B	MS K.Nagi Reddy	AE V.Pavan kumar	CAD/CAM-B P.V.Nani Krishna	MMM V.Pavan kumar
WED	III-A	DMM-I P.V.Nani Krishna	TE-II K.Manikantesh	FMHM A.Madhava Rao	DOM Dr.B.Konda Reddy
	III-B	TE-II K.Manikantesh	DMM-I P.V.Nani Krishna	MT S.Bala Anki Reddy	FMHM A.Madhava Rao
	IV-A	AE V.Pavan kumar	MS K.Nagi Reddy	M&M V.Pavan kumar	POM Dr.S.Prakash
	IV-B	MMM A.Ramanjaneyulu	M&M V.Pavan kumar	POM Dr.S.Prakash	MS K.Nagi Reddy
THU	III-A	DOM Dr.B.Konda Reddy	ENT M.Ravi Kumar	DMM-I P.V.Nani Krishna	FMHM A.Madhava Rao
	III-B	FMHM A.Madhava Rao	DMM-I P.V.Nani Krishna	TE-II K.Manikantesh	ENT M.Ravi Kumar
	IV-A	CAD/CAM P.V.Nani Krishna	AE V.Pavan kumar	MMM A.Ramanjaneyulu	M&M V.Pavan kumar
	IV-B	AE V.Pavan kumar	POM Dr.S.Prakash	M&M V.Pavan kumar	CAD/CAB-B P.V.Nani Krishna
FRI	III-A	ENT M.Ravi Kumar	MT S.Bala Anki Reddy	TE-II K.Manikantesh	DMM-I P.V.Nani Krishna
	III-B	DMM-I P.V.Nani Krishna	DOM Dr.B.Konda Reddy	MT S.Bala Anki Reddy	ENT M.Ravi Kumar
	IV-A	MS K.Nagi Reddy	CAD/CAM P.V.Nani Krishna	POM Dr.S.Prakash	MMM A.Ramanjaneyulu
	IV-B	POM Dr.S.Prakash	MMM A.Ramanjaneyulu	CAD/CAM-B P.V.Nani Krishna	MS K.Nagi Reddy
SAT	III-A	TE-II K.Manikantesh	FMHM A.Madhava Rao	DOM Dr.B.Konda Reddy	MT S.Bala Anki Reddy
	III-B	MT S.Bala Anki Reddy	TE-II K.Manikantesh	FMHM A.Madhava Rao	DOM Dr.B.Konda Reddy
	IV-A	MMM A.Ramanjaneyulu	M&M V.Pavan kumar	AE V.Pavan kumar	MS K.Nagi Reddy
	IV-B	M&M V.Pavan kumar	POM Dr.S.Prakash	MS K.Nagi Reddy	AE V.Pavan kumar

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DEPARTMENT OF MECHANICAL ENGINEERING

TIME TABLE (W.E.F 17/08/2020)

III . B.Tech , I SEM- A - SECTION

PERIOD	1	3	5	7
DAY	8.00 TO 9.00	10.00 TO 11.00	12.00 TO 1.00	2.00 TO 3.00
MON	MT	DMM-I	ENT	TE-II
TUE	FMHM	DOM	ENT	MT
WED	DMM-I	TE-II	FMHM	DOM
THU	DOM	ENT	DMM-I	FMHM
FRI	ENT	MT	TE-II	DMM-I
SAT	TE-II	FMHM	DOM	MT

SUBJECTS		FACULTY
DOM	Dynamics Of Machinary	Dr.B.Konda Reddy
FMHM	Fluid Mechanics &Hydraulic Machines	A.Madhava Rao
TE-II	Thermal Engineering-II	K.Manikantesh
DMM-I	Design of Machine Members-I	P.V.Nani Krishna
ENT	Entrepreneurship	M.Ravi Kumar
MT	Machine Tools	S.Bala Anki Reddy

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DEPARTMENT OF MECHANICAL ENGINEERING

III . B.Tech , I SEM- B- SECTION

PERIOD	1	3	5	7
DAY	8.00 TO 9.00	10.00 TO 11.00	12.00 TO 1.00	2.00 TO 3.00
MON	ENT	FMHM	DOM	DMM-I
TUE	ENT	MT	DOM	TE-II
WED	TE-II	DMM-I	MT	FMHM
THU	FMHM	DMM-I	TE-II	ENT
FRI	DMM-I	DOM	MT	ENT
SAT	MT	TE-II	FMHM	DOM

SUBJECTS		FACULTY
DOM	Dynamics Of Machinary	Dr.B.Konda Reddy
FMHM	Fluid Mechanics &Hydraulic Machines	A.Madhava Rao
TE-II	Thermal Engineering-II	K.Manikantesh
DMM-I	Design of Machine Members-I	P.V.Nani Krishna
ENT	Entrepreneurship	M.Ravi Kumar
MT	Machine Tools	S.Bala Anki Reddy

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DEPARTMENT OF MECHANICAL ENGINEERING

IV. B.Tech , I SEM - A SECTION

PERIOD	1	3	5	7
DAY	8.00 TO 9.00	10.00 TO 11.00	12.00 TO 1.00	2.00 TO 3.00
MON	CAD/CAM	M&M	POM	MS
TUE	POM	CAD/CAM	MMM	AE
WED	AE	MS	M&M	POM
THU	CAD/CAM	AE	MMM	M&M
FRI	MS	CAD/CAM	POM	MMM
SAT	MMM	M&M	AE	MS

SUBJECTS		FACULTY
POM	Production & Operations Management	Dr.S.Prakash
M&M	Metrology & Measurements	V.Pavan kumar
CAD/CAM	CAD/CAM	P.V.Nani Krishna
AE	Automobile Engineering	V.Pavan kumar
MMM	Modern Manufacturing Methods	A.Ramanjaneyulu
MS	Management Science	K.Nagi Reddy

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DEPARTMENT OF MECHANICAL ENGINEERING

IV. B.Tech , I SEM - B SECTION

PERIOD	1	3	5	7
DAY	8.00 TO 9.00	10.00 TO 11.00	12.00 TO 1.00	2.00 TO 3.00
MON	M&M	MMM	CAD/CAM-B	AE
TUE	MS	AE	CAD/CAM-B	MMM
WED	MMM	M&M	POM	MS
THU	AE	POM	M&M	CAD/CAB-B
FRI	POM	MMM	CAD/CAM-B	MS
SAT	M&M	POM	MS	AE

SUBJECTS		FACULTY
POM	Production & Operations Management	Dr.S.Prakash
M&M	Metrology & Measurements	V.Pavan kumar
CAD/CAM	CAD/CAM	P.V.Nani Krishna
AE	Automobile Engineering	V.Pavan kumar
MMM	Modern Manufacturing Methods	A.Ramanjaneyulu
MS	Management Science	K.Nagi Reddy

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SUBJECT : MSE YEAR / SEM : II / I ACADEMIC YEAR : 2020-21

Unit 1	SBAR-MSE-1-1-introduction of material science and engg	https://youtu.be/i0C75nuLF1g
	SBAR-MSE-1-2-bonding of materials	https://youtu.be/ETsATxEg7Jw
	SBAR-MSE-1-3-Crystal Structures,types of crystal structures	https://youtu.be/p80bEz99MuA
	SBAR-MSE-1-4-Imperfection in solids	https://youtu.be/8iVxiEEv_S4
	SBAR-MSE-1-5-slip systems in materials	https://youtu.be/efyrJSYDWv8
	SBAR-MSE-1-6-strengthening mechanisms critical stresses	https://youtu.be/MHq7tqSFqwI
	SBAR-MSE-1-7- Constitution of Alloys	https://youtu.be/V_lONHz4Jag
	SBAR-MSE-1-8–Phase diagrams:types of phase diagrams	https://youtu.be/p54z8pMieGI
	SBAR-MSE-1-9 – iron-iron-carbide diagram and microstructural aspects of ferrite, cementite, austenite, ledeburite, and cast iron.	https://youtu.be/VP57FqnzRSE
Unit 2	SBAR-MSE-2-1-Steels: Plain carbon steels	https://youtu.be/mTzwvXpDF7k
	SBAR-MSE-2-2- AISI & BIS classification of steels	https://youtu.be/csJtXjGLxP4
	SBAR-MSE-2-3-Classification of alloys steels	https://youtu.be/nxwQfZvlnT8
	SBAR-MSE-2-4-applications of alloy steels stainless steels and tool steels.	https://youtu.be/v2iVp_z7NPg
	SBAR-MSE-2-5-Cast irons: Micro structure	https://youtu.be/OFa1MEZ1QiU
	SBAR-MSE-2-6-properties and applications of white cast iron	https://youtu.be/_U35lt69qPo
	SBAR-MSE-2-7-malleable cast iron, grey cast iron	https://youtu.be/0vwY2dP-T_0
	SBAR-MSE-2-8-nodular cast iron and alloy cast irons.	https://youtu.be/awQn-w8XkZE
Unit 3	SBAR-MSE-3-1-Heat Treatment of Steels	https://youtu.be/n-GQduR0txY
	SBAR-MSE-3-2-Annealing,types of annealing	https://youtu.be/w8gfJHMZVWY
	SBAR-MSE-3-3-normalizing and spheroidizing	https://youtu.be/HYNHNcetLNc
	SBAR-MSE-3-4-tempering,types explanation	https://youtu.be/6uHRcjEO8Mk
	SBAR-MSE-3-5-isothermal transformation diagrams	https://youtu.be/lvEev0RZkC0
	SBAR-MSE-3-6-austempering, martempering,	https://youtu.be/BqYPsGh0J10
	SBAR-MSE-3-7- carburizing, nitriding,	https://youtu.be/ILLMlp95Ehw
	SBAR-MSE-3-8-vacuum and plasma hardening	https://youtu.be/tbo6u6ra5Fs
Unit 4	SBAR-MSE-4-1-Non-ferrous Metals and Alloys	https://youtu.be/rA4Z8WcsZv8
	SBAR-MSE-4-2-copper and its alloys	https://youtu.be/WjTwy5vDUsw
	SBAR-MSE-4-3-aluminium and its alloys.	https://youtu.be/Gpxhl0MqDxY
	SBAR-MSE-4-4-precipitation hardening.	https://youtu.be/BhxvAxCoTjQ
	SBAR-MSE-4-5-titanium and its alloys.	https://youtu.be/2JN7aTtH7F4
Unit 5	SBAR-MSE-5-1-introduction of Ceramics	https://youtu.be/uEUKJAozlOw
	SBAR-MSE-5-2-Structure, properties and applications of ceramics	https://youtu.be/iRjA_drQC1U
	SBAR-MSE-5-3-introduction of Polymers	https://youtu.be/UNU2_qIWmD8
	SBAR-MSE-5-4-Types of polymers based on thermal properties	https://youtu.be/cS_Ls1g48IE
	SBAR-MSE-5-5-introduction of Composites	https://youtu.be/b6ulfMhQJdA
	SBAR-MSE-5-6- Structure, properties and applications of and composites	https://youtu.be/cwBDrFLWPSs
	SBAR-MSE-5-7-Introduction to super alloys	https://youtu.be/7MTtKRQt0M8
	SBAR-MSE-5-8-nanomaterials its applications.	https://youtu.be/ia0Fht2M-CY

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DEPARTMENT OF MECHANICAL ENGINEERING

SUBJECT : MT YEAR / SEM : III / I ACADEMIC YEAR : 2020-21

Unit 1	SBAR-MT-1-1-Elementary treatment of metal cutting theory	https://youtu.be/wtb36bM4xjA
	SBAR-MT-1-2-Geometry of single point tool and angles	https://youtu.be/8wU4pZ_X9eY
	SBAR-MT-1-3-chip formation and types of chips	https://youtu.be/QeqchhpsQFs
	SBAR-MT-1-4-Mechanics of orthogonal cutting	https://youtu.be/g2OO9eMjv48
	SBAR-MT-1-5-Merchant"s Force diagram, cutting forces	https://youtu.be/FmfuL_zRkbc
	SBAR-MT-1-6-cutting speeds, feed, depth of cut	https://youtu.be/6rtK_gDPRAE
	SBAR-MT-1-7- heat generation, tool life	https://youtu.be/2c1K5d--tAM
	SBAR-MT-1-8– machinability – economics of machining	https://youtu.be/CJqyioGOQSM
	SBAR-MT-1-9– cutting Tool materials	https://youtu.be/_o97Ir2JjRY
	SBAR-MT-1-10–cutting fluids –types and characteristics.	https://youtu.be/T3YTGw3RYb8
Unit 2	SBAR-MT-2-1-Engine lathe – Principle of working	https://youtu.be/7yAwhf3h4V4
	SBAR-MT-2-2- work holders and tool holders	https://youtu.be/eilndrjDJpQ
	SBAR-MT-2-3-Taper turning, thread turning	https://youtu.be/5HWbfVucTZQ
	SBAR-MT-2-4-Turret and capstan lathes	https://youtu.be/ZP0Zv9jxIPs
	SBAR-MT-2-5-Principal features of automatic lathes	https://youtu.be/bFMdI9AgRLI
	SBAR-MT-2-6- Single spindle and multi-spindle automatic lathes	https://youtu.be/vyNoGQWx36I
	SBAR-MT-2-7-over all unit explanation	https://youtu.be/1qQHXTpP3Qg
	SBAR-MT-2-8-over all unit explanation	https://youtu.be/7TwdrnlR3KE
Unit 3	SBAR-MT-3-1-Drilling and Boring Machines	https://youtu.be/SVqgq7H9S9c
	SBAR-MT-3-2-operations performed	https://youtu.be/e-Lhd9PmUJg
	SBAR-MT-3-3-tool holding devices	https://youtu.be/1_OOnQQ2pIw
	SBAR-MT-3-4-twist drill – Boring tools	https://youtu.be/FaXIcWQfXJA
	SBAR-MT-3-5-machining time calculation	https://youtu.be/t9dnmhi5vkE
	SBAR-MT-3-6-Shaping,Principles of working specification, classification.	https://youtu.be/51SjYrn0uZk
	specification, classification	https://youtu.be/NhA0Q5jZgOk
	specification, classification	https://youtu.be/r90Yqq70kKw
Unit 4	SBAR-MT-4-1-Milling machine – Principles of working – specifications	https://youtu.be/VNc18wF3fr8
	SBAR-MT-4-2-milling cutters– machining operations	https://youtu.be/mCJ_UIhxVo0
	SBAR-MT-4-3-methods of indexing	https://youtu.be/EQiVLH-9spo
	SBAR-MT-4-4-Grinding machine–Theory of grinding	https://youtu.be/MoS1tgZdSI4
	SBAR-MT-4-5-Grinding wheel: Different types of abrasives	https://youtu.be/9y5g4zvTzUg
	SBAR-MT-4-6-specification and selection of a grinding wheel	https://youtu.be/xIa4yvdx5_8
	SBAR-MT-4-7-Lapping, Honing	https://youtu.be/-s-soMWAY_c
	SBAR-MT-4-8-Broaching machines	https://youtu.be/XPzLiDSOmIM
Unit 5	SBAR-MT-5-1-Principles of design of Jigs and fixtures and uses	https://youtu.be/wfvHY1NkZfg
	SBAR-MT-5-2-Principles of location and clamping	https://youtu.be/1D_-ZtSMSkA
	SBAR-MT-5-3-Types of clamping & work holding devices	https://youtu.be/qVglRuyFSkg
	SBAR-MT-5-4-Typical examples of jigs and fixtures	https://youtu.be/DHZw6ZZu0Y4

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DEPARTMENT OF MECHANICAL ENGINEERING

SUBJECT : PP
YEAR / SEM : II / I
ACADEMIC YEAR : 2020-21

Unit 1	RB - PP - 1 - 1 - Introduction - Part 1	https://youtu.be/6UefYm0xKp0
	RB - PP - 1 - 1 - Introduction - Part 2	https://youtu.be/9qFbOBRo45A
	RB - PP - 1 - 2 - Anaconda Installation	https://youtu.be/bEezgQKTUIw
	RB - PP - 1 - 3 - Variables and Assignment Statements - Part 1	https://youtu.be/Ol9T8pKt4VU
	RB - PP - 1 - 3 - Variables and Assignment Statements - Part 2	https://youtu.be/BaY3yoS8_20
	RB - PP - 1 - 4 - Functions - Part 1	https://youtu.be/0oBRALfb7i4
	RB - PP - 1 - 4 - Functions - Part 2	https://youtu.be/BmGCNTkil-w
	RB - PP - 1 - 4 - Functions - Part 3	https://youtu.be/FGvR6u5xmL0
UNIT 2	RB - PP - 2 - 1 - Conditionals & Recursion - Part 1	https://youtu.be/R6IeCSB_5mU
	RB - PP - 2 - 1 - Conditionals & Recursion - Part 2	https://youtu.be/nfbMqO09ub4
	RB - PP - 2 - 1 - Conditionals & Recursion - Part 3	https://youtu.be/yaFJ7__OLeQ
	RB - PP - 2 - 2 - Fruitful Functions - Part 1	https://youtu.be/taDeUDqy9CQ
	RB - PP - 2 - 2 - Fruitful Functions - Part 2	https://youtu.be/wOFB17-_mdE
	RB - PP - 2 - 3 - Case Study - Part 1	https://youtu.be/TvvfaOQ2OtY
	RB - PP - 2 - 3 - Case Study - Part 2	https://youtu.be/jpvQY00KEKs
	RB - PP - 2 - 3 - Case Study - Part 3	https://youtu.be/rVnh0nNt7rc
Unit 3	RB - PP - 3 - 1 - Updating Variables - Part 1	https://youtu.be/p97Loen4-R4
	RB - PP - 3 - 1 - Updating Variables - Part 2	https://youtu.be/RDTqnkcwgvl
	RB - PP - 3 - 2 - Strings - Part 1	https://youtu.be/nzh8nLH05IM
	RB - PP - 3 - 2 - Strings - Part 2	https://youtu.be/trEC79W2cbU
	RB - PP - 3 - 2 - Strings - Part 3	https://youtu.be/6nREB7oPgEk
	RB - PP - 3 - 3 - Case Study	https://youtu.be/3x0a1GjTehY
	RB - PP - 3 - 4 - Lists - Part 1	https://youtu.be/whjCBjqXefs
	RB - PP - 3 - 4 - Lists - Part 2	https://youtu.be/q4eKR-8Fxms
	RB - PP - 3 - 4 - Lists - Part 3	https://youtu.be/4DhzS7zhyDs
	RB - PP - 3 - 4 - Lists - Part 4	https://youtu.be/pjHstBTkC_4
Unit 4	RB - PP - 4 - 1 - Dictionaries - Part 1	https://youtu.be/iFWjl8VrClw
	RB - PP - 4 - 1 - Dictionaries - Part 2	https://youtu.be/jR7QjjY9IQ0
	RB - PP - 4 - 1 - Dictionaries - Part 3	https://youtu.be/2IgdebLBugw
	RB - PP - 4 - 2 - Tuples - Part 1	https://youtu.be/7JE4pBCl4Eg
	RB - PP - 4 - 2 - Tuples - Part 2	https://youtu.be/AzNY_vYXXHU
	RB - PP - 4 - 2 - Tuples - Part 3	https://youtu.be/3OYda3Sr4E0
	RB - PP - 4 - 3 - Files - Part 1	https://youtu.be/QjYRjKIbA8E
	RB - PP - 4 - 3 - Files - Part 2	https://youtu.be/-RGKLBjiTcM
	RB - PP - 4 - 3 - Files - Part 3	https://youtu.be/fNpNA8jUk9E
	RB - PP - 4 - 3 - Files - Part 4	https://youtu.be/KIE71Xw6spc
	RB - PP - 4 - 4 - Classes & Objects - Part 1	https://youtu.be/LydtZhYDgHo
	RB - PP - 4 - 4 - Classes & Objects - Part 2	https://youtu.be/FmC1hN-dZwk
UNIT 5	RB - PP - 5 - 1 - Classes and Functions	https://youtu.be/dWQRTm_ny70
	RB - PP - 5 - 2 - Classes and Methods - Part 1	https://youtu.be/3Firho67A5A
	RB - PP - 5 - 2 - Classes and Methods - Part 2	https://youtu.be/WZqzzK8fEtE
	RB - PP - 5 - 3 - Inheritance - Part 1	https://youtu.be/7CRem_8uAus
	RB - PP - 5 - 3 - Inheritance - Part 2	https://youtu.be/rzJUNPeeRGc
	RB - PP - 5 - 3 - Inheritance - Part 3	https://youtu.be/BH6YoXuCtM0
	RB - PP - 5 - 4 - The Goodies (Bonus Concepts)	https://youtu.be/kpNh4rMZLFQ

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DEPARTMENT OF MECHANICAL ENGINEERING

SUBJECT : MSE YEAR / SEM : II / I ACADEMIC YEAR : 2020-21

Department : ME	III B.Tech A&B Dynamics of Machinery	
	Title of video	youtube channel link of video lectures
Unit-I	Dr BKR- DOM-1.1 Introduction of the subject	https://youtu.be/HKQNX69DrtE
	Dr BKR- DOM-1.1.1 Introduction of the subject	https://youtu.be/_JBnhIbsYK8
	Dr BKR- DOM-1.2 Friction Introduction	https://youtu.be/3c-lwcM6cWw
	Dr BKR- DOM-1.3 Inclined plane and problems	https://youtu.be/NdjiNtT-How
	Dr BKR- DOM-1.4 Screw friction	https://youtu.be/nM2D92AY_0A
	Dr BKR- DOM-1.5 Problems on screw friction	https://youtu.be/rtVjJBcf8YM
	Dr BKR- DOM-1.6 Bearings	https://youtu.be/P2DdzaBg59E
	Dr BKR- DOM-1.7 Problems on bearings	https://youtu.be/uNc8k_k3lxI
	Dr BKR- DOM-1.8 Clutches	https://youtu.be/kRWgZSBu3u4
	Dr BKR- DOM-1.9 Problems on clutches	https://youtu.be/pJ4RBKq4Gx4
	Dr BKR- DOM-1.10 Brakes	https://youtu.be/nzXLuw0J4Sk
	Dr BKR- DOM-1.11 Problems on brakes	https://youtu.be/F5Nziz5YYDM
	Dr BKR- DOM-1.12 Problems on brakes	https://youtu.be/iRpCkwXrXok
	Dr BKR- DOM-1.13 Braking of a vehicle	https://youtu.be/eEBJGK5V-Po
	Dr BKR- DOM-1.14 Dynamometers	https://youtu.be/KVTU3kWhMYw
Unit-II	Dr BKR- DOM-2.1 gyroscopic couple of a disc,aeroplane, and ship	https://youtu.be/iPYVwaJOpBg
	Dr BKR- DOM-2.2 Problems on disc, aeroplane, ship	https://youtu.be/VOX8FW7vFCM
	Dr BKR- DOM-2.3 Stability of four wheeler vehicles	https://youtu.be/HR0ZMfMWikE
	Dr BKR- DOM-2.4 Stability of two wheeler vehicle	https://youtu.be/KZzr7I40viE
	Dr BKR- DOM-2.5 Turning moment diagrams	https://youtu.be/o2YcuRnHjg4
	Dr BKR- DOM-2.6 Flywheel	https://youtu.be/bLtzWc6EDG4
	Dr BKR- DOM-2.7 Problems on turning moment diagram	https://youtu.be/SuQ2RpqfYFw
	Dr BKR- DOM-2.8 Problems on turning moment diagrams	https://youtu.be/r9zy33_8qpI
	Dr BKR- DOM-2.9 Flywheel design and problems	https://youtu.be/2uh-rcxd7Ew
	Dr BKR- DOM-2.10 Flywheel in punching press and problems	https://youtu.be/liE5rPqyvdU
Unit-III	Dr BKR- DOM-3 1 Governors Introduction and Watt's governor	https://youtu.be/S23d_GCTb6g
	Dr BKR- DOM-3 2 Porter governor and problems	https://youtu.be/hHhDsUQug-Y
	Dr BKR- DOM-3 3 Proell governor and problems	https://youtu.be/ubl8XOcUt6Q
	Dr BKR- DOM-3 4 Hartnell governor and problems	https://youtu.be/iYx7qMXsRkg
	Dr BKR- DOM-3 5 Hartung, Wilson Hartnell and Pickering governors	https://youtu.be/U68WhHw9z64
	Dr BKR- DOM-3 6 sensitiveness, stability, Isochronism, hunting, effort and power of governor	https://youtu.be/rixCwTmykFw
Unit-IV	Dr BKR- DOM-4 1 Balancing of rotating masses	https://youtu.be/5005FlpizWM
	Dr BKR- DOM-4 2 Problems on balancing of rotating masses	https://youtu.be/Df_WlnRVECc
	Dr BKR- DOM-4 3 Balancing of reciprocating masses , uncoupled and coupled locomotives	https://youtu.be/FcjVzV5L6Vw
	Dr BKR- DOM-4 4 Balancing of multi cylinder inline engine, radial engine and V engine	https://youtu.be/s8Nspbypz8I
	Dr BKR- DOM-4 5 Problems on Balancing of reciprocating masses and uncoupled locomotives	https://youtu.be/s_LYHi5UTCA
	Dr BKR- DOM-4 6 Problems on uncoupled and coupled locomotives	https://youtu.be/Zb7xSCLUuOs
	Dr BKR- DOM-4 7 Problems on Balancing of muti cylinder inline engines	https://youtu.be/vONpwbQ9oJ0
	Dr BKR- DOM-4 8 Problems on V engine and radial engine	https://youtu.be/md_7gNy7dg8
Unit-V	Dr BKR- DOM-5 1 Vibrations Introduction, natural frequency of longitudinal and transverse vibrations	https://youtu.be/W7zFc4aMVwc
	Dr BKR- DOM-5 2 Natural frequency of transverse vibrations of simply supported beam and both ends fixed beam	https://youtu.be/Spl9e54eJY4
	Dr BKR- DOM-5 3 Rayleigh's method, Dunkerley's principle and critical speed	https://youtu.be/XTsvsJZlLqs
	Dr BKR- DOM-5 4 Damped vibrations and logarithmic decrement	https://youtu.be/k4pQnomsOjg
	Dr BKR- DOM-5 5 Forced damped vibrations	https://youtu.be/a1CfzXss9hQ
	Dr BKR- DOM-5 6 Problems on free longitudinal and transverse vibrations	https://youtu.be/FnbKMSn8tOs
	Dr BKR- DOM-5 7 Problems on free and damped vibrations	https://youtu.be/WRA6oWrfmaM
	Dr BKR- DOM-5 8 Problems on damped vibrations	https://youtu.be/NIDvyM8b-7I
	Dr BKR- DOM-5 9 Torsional vibrations	https://youtu.be/VohSXb5pFFg
	Dr BKR- DOM-5 10 Problems on Torsional vibrations	https://youtu.be/eumS_N_Utrs

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DEPARTMENT OF MECHANICAL ENGINEERING

Department : ME	IV B.Tech A&B PRODUCTION AND OPERATIONS MANAGEMENT	
Unit-I	Title of video	youtube channel link of video lectures
	Dr.S.P-POM-1.1 POM -INTRODUCTION	https://youtu.be/GS0Uw08UpuQ
	Dr.S.P-POM-1.2 - PRODUCTIVITY & AGGREGATE PLANNING	https://youtu.be/5lekUWoXKUA
	Dr.S.P- POM-1.3 -AGGREGATE PLANNING- GRAPHICAL , TRIAL AND ERROR METHOD	https://youtu.be/bv-WYaMWyzs
	Dr.S.P - POM -1.4 -TRIAL AND ERROR METHOD PROBLEM 2	https://youtu.be/MoZpsi4rnpc
	Dr.S.P - POM -1.5 - NORTH WEST CORNER METHOD	https://youtu.be/CX7bTI2FgjI
	Dr.S.P -POM -1.6 - LEAST COST METHOD	https://youtu.be/h57bl8AvKVA
	Dr.S.P -POM -1.7 - VOGELS APPROXIMATION METHOD	https://youtu.be/rUnBagvTXyI
	Dr.S.P - POM -1.8 -UNBALANCED TRANSPORTATION METHOD	https://youtu.be/wf3X8Y3-4Nw
	Dr.S.P-POM -1.9 PROBLEMS (TRANSPORTATION METHOD)	https://youtu.be/gaVWsFmPo7k
Unit-II	Dr.S.P - POM -2.1 - FORECASTING	https://youtu.be/jfTRRlmWulQ
	Dr.S.P - POM -2.2 - SEASONALITY INDEX , REGRESSION ANALYSIS	https://youtu.be/kfFaM7EAsSE
	Dr.S.P - POM -2.3 - MEASUREMENT OF FORECASTING ACCURACY	https://youtu.be/taWXD7s8688
	Dr.S.P -POM -2.4 - REGRESSION METHOD	https://youtu.be/YTlFqoX8Cv8
	Dr.S.P -POM -2.5 - SCHEDULING	https://youtu.be/AzOmivlLEoE
	Dr.SP -POM -2.6 - FLOW SHOP METHOD	https://youtu.be/8Cg2D1mznGQ
Unit-III	Dr.S.P -POM -3.1 FACILITY LOCATION	https://youtu.be/SMCBcdEGU3w
	Dr.S.P - POM -3.2- FACILITIES LOCATION PROBLEMS	https://youtu.be/B8C0x3fvpow
	Dr.S.P- POM -3.3 -FACILITY LAYOUT	https://youtu.be/6gmYk5gCGnQ
	Dr.S.P - POM -3.4 MANUAL ASSEMBLY LINE BALANCING - LARGEST CANDIDATE RULE - LCR	https://youtu.be/tGJi09bAFr8
	Dr.S.P - POM -3.5 MANUAL ASSEMBLY LINE BALANCING- RANKED POSITIONAL WEIGHT -RPW	https://youtu.be/TRwNnZRdjFU
	Dr.S.P -POM -3.6 MANUAL ASSEMBLY LINE BALANCING- KILBRIDGE WESTER'S ZONAL METHOD	https://youtu.be/1qUcmic0V4E
	Dr.S.P -POM -3.7 Layout Design CRAFT	https://youtu.be/f1Np0lENUxY
Unit-IV	Dr.S.P -POM -4.1 MATERIAL REQUIREMENT PLANNING -MRP- INTRODUCTION	https://youtu.be/k9fB8UGZ2rA
	Dr.S.P- POM -4.2 MRP PROBLEM	https://youtu.be/Nr-TkBziRoY
	Dr.S.P - POM -4.3 ECONOMIC ORDER QUANTITY- EOQ	https://youtu.be/1_wzaJwpvoY
	Dr.S.P -POM -4.4 LOT SIZING METHOD MINIMUM COST PER PERIOD - MCP	https://youtu.be/q-8yoDz5Y5E
	Dr.S.P - POM -4.5 PERIOD ORDER QUANTITY -POQ	https://youtu.be/pyeq1WXdtHY
	Dr.S.P - POM- 4.6 LEAST UNIT COST METHOD - LUC	https://youtu.be/Gou7yAYGZ78
	Dr.S.P -POM -4.7 PART PERIOD BALANCING METHOD- PPB	https://youtu.be/wpzXVkRTHT0
	Dr.S.P -POM -4.8 KANBAN SYSTEM	https://youtu.be/AE7mXSOBOf4
	Dr.S.P - POM -4.9 JUST IN TIME	https://youtu.be/mLtZhHsbuDc
Unit-V	Dr.S.P -POM -5.1 INVENTORY MANAGEMENT	https://youtu.be/7xeJo4W3AeI
	Dr.S.P- POM -5.2 OBJECTIVE AND ECONOMIC ORDER QUANTITY	https://youtu.be/8btnQW_Wi7Q
	Dr.S.P -POM -5.3 INVENTORY CONTROL- ABC ANALYSIS	https://youtu.be/DJrPBZJ2Dj0
	Dr.S.P -POM -5.4 INVENTORY - ABC PROBLEM	https://youtu.be/HZ14k1gWE2o

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DEPARTMENT OF MECHANICAL ENGINEERING

SUBJECT : TE-II YEAR / SEM : III / I ACADEMIC YEAR : 2020-21

Unit 1	KMK-TE2-1-1-RANKINE CYCLE	https://youtu.be/HTa2xlBCkVM
	KMK-TE2-1-2-PROBLEM ON RANKINE CYCLE	https://youtu.be/fzunte_hYxw
	KMK-TE2-1-3-REGENEARATIVE CYCLE AND PROBLEM	https://youtu.be/zQXMjazikJ8
	KMK-TE2-1-4-PROBLEM ON REGENEARTIVE CYCLE	https://youtu.be/IdvwxGWN_wU
	KMK-TE2-1-5-REHEATING METHOD AND PROBLEM	https://youtu.be/Ux5Sk__c2vo
	KMK-TE2-1-6-PROBLEM ON REHEATING METHOD	https://youtu.be/68lL9B8RkDM
	KMK-TE2-1-7 BINARY VAPOUR CYCLE	https://youtu.be/uSby1Qp6H1c
	KMK-TE2-1-8-PROBLEM ON BINARY VAPOUR CYCLE	https://youtu.be/1a7TdnYorlA
Unit 2	KMK-TE2-2-1-INTRODUCTION TO STEAM GENEARTORS	https://youtu.be/68lL9B8RkDM
	KMK-TE2-2-2-FIRE TUBE BOILERS	https://youtu.be/C5kVbvWkXIE
	KMK-TE2-2-3-WATER TUBE BOILERS	https://youtu.be/g-Bb0y_6Rts
	KMK-TE2-2-4-HIGH PRESSURE BOILERS	https://youtu.be/7zB4VYAvHPo
	KMK-TE2-2-5-BOILER MOUNTINGS AND ACCESSORIES	https://youtu.be/jP8lvXq2nX0
	KMK-TE2-2-6-INTRODUCTION TO CHIMNEY DRAUGHT	https://youtu.be/CKYxfarxVb8
	KMK-TE2-2-7-ANALYSIS OF CHIMNEY	https://youtu.be/0xRSplcEY1s
	KMK-TE2-2-8-PROBLEM ON CHIMNEY DRAUGHT	https://youtu.be/uY1BQJotAhk
Unit 3	KMK-TE2-3-1-STEAM NOZZLES	https://youtu.be/SqZhI_zyc8s
	KMK-TE2-3-2-ANALYSIS OF STEAM NOZZLES	https://youtu.be/gAFOKA8I2ys
	KMK-TE2-3-3-PROBLEM ON STEAM NOZZLE	https://youtu.be/_3xELVVpdz0
	KMK-TE2-3-4-PROBLEM ON STEAM NOZZLE	https://youtu.be/Sq12E9xNkYc
	KMK-TE2-3-5-STEAM CONDENSERS	https://youtu.be/I2RI7rTOfD4
	KMK-TE2-3-6-SURFACE CONDENSERS	https://youtu.be/mEVEnkOQTXU
	KMK-TE2-3-7-JET CONDENSERS	https://youtu.be/bQ5q2LVGDD8
	KMK-TE2-3-8-ANALYSIS OF CONDENSERS	https://youtu.be/gvmHjVMGKLE
Unit 4	KMK-TE2-4-1-STEAM TURBINE	https://youtu.be/KGGcJTFeXpM
	KMK-TE2-4-2-COMPOUNDING METHODS	https://youtu.be/8Y3I61bI2Xw
	KMK-TE2-4-3-ANALYSIS OF IMPULSE TURBINE	https://youtu.be/yr1PPW-prGc
	KMK-TE2-4-4- PROBLEM ON STEAM TURBINE	https://youtu.be/pTklkx-3xBA
	KMK-TE2-4-5-PROBLEM ON STEAM TURBINE	https://youtu.be/sw5Dk7T-km8
Unit 5	KMK-TE2-5-1-INTRODUCTION GAS TURBINE	https://youtu.be/EUhMR9Nuj68
	KMK-TE2-5-2 METHODS TO IMPROVE THE EFFICIENCY	https://youtu.be/O4ijqV2ZE6s
	KMK-TE2-5-3-PROBLEM ON OPEN CYCLE GAS TURBINE	https://youtu.be/1po0KE9k-8A
	KMK=TE2-JET PROPULSION	https://youtu.be/mfJv_wa_g0w

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DEPARTMENT OF MECHANICAL ENGINEERING

SUBJECT : AE
YEAR / SEM : IV / I
ACADEMIC YEAR : 2020-21
FACULY : V PAVAN KUMAR

Unit 1	introduction+ component of automobile	https://youtu.be/6nZ38wAfcXE
	chassis+body	https://youtu.be/ieJYHGEgFSE
	power unit+ transmission unit	https://youtu.be/rxS74fLxHaQ
	front Wheel Drive	https://youtu.be/LrE1mQmUDxA
	front Wheel Drive part-1+Rear Wheel Drive+Four Wheel Drive	https://youtu.be/qQMQtRQQb-w
	automobie engines +basic parts of engines	https://youtu.be/PJEMuFeAmt8
Unit 2	transmission system introduction	https://youtu.be/jq619-5-vY0
	transmission system part -1+ clutch	https://youtu.be/p8m_1ojjZh0
	clutch introduction part-1 +characteristic +principle of friction clutch	https://youtu.be/313WOJkmVK0
	principe of friction clutch part-1	https://youtu.be/kzgfhkWQqLg
	cone clutch	https://youtu.be/ZuDI914KmIM
	cone clutch part-1	https://youtu.be/X5PU1LOI9Yw
	single plate clutch	https://youtu.be/pSi39WDh9LI
	single plate clutch part-1	https://youtu.be/tptEa_YNf2M
	single plate clutch part-2	https://youtu.be/biCpaVLHhp8
	multi-pate clutch	https://youtu.be/_k57t1htu_k
	multi-plate clutch part-1	https://youtu.be/zvKN5AYPU6M
	semi-centrifugal clutch	https://youtu.be/OXLlJzz6xXs
	semi-centrifugal clutch part-1	https://youtu.be/-LFtSJLjCwY
Unit 3	Steering System+Steering Geometry+Camber	https://youtu.be/LiJK5a5omZc
	castor + kign pin incination	https://youtu.be/d89Xcu8qL6w
	king pin inclination part-1	https://youtu.be/BHZI8BiW0kY
	scrub radius	https://youtu.be/VZjkVNjlM8U
	scrub radius part-1	https://youtu.be/mHOMbeTWJkY
	toe in&toe out+combined angle	https://youtu.be/lNElwFulbt4
	center point steering system+ types of steering mechanisms	https://youtu.be/-863-1GWCWU
	Steering Gears + Types	https://youtu.be/8GZXzodXZVw
	Steering Gears + Types Part 1	https://youtu.be/xPdoWiC2Ngw
	Steering Gears + Types Part-2	https://youtu.be/2FkSdB2sAcE
Unit 4	Suspension System+Objects of Suspension Systems	https://youtu.be/l7QBpy5lch0
	Rigid Axle Suspension System+Independent Suspension System	https://youtu.be/l3SRn79HROY
	Torsion Bar+Shock Absorber	https://youtu.be/l3SRn79HROY
	Shock Absorber	https://youtu.be/Gioe3G5rmME
	Shock Absorber part-1	https://youtu.be/twoOdaVCX7c
	Braking System	https://youtu.be/qvypRD7_Sn0
	Mechanical Brake System	https://youtu.be/4CzSHymZRKk
	Hydraulic Brake System	https://youtu.be/SkmZZYPKVH8
	Hydraulic Brake System Part-1	https://youtu.be/L3aLgyGW544
Unit 5	Emissions from Automobiles	https://youtu.be/6A27hKxNpdU
	Emissions from Automobiles Part-1	https://youtu.be/ZkzGPwXb00E
	Emissions from Automobiles Part-2	https://youtu.be/rtfgc225NSo
	Pollution Standards National and International	https://youtu.be/vaD2EE4ZdBA
	Pollution Standards National and International part-1	https://youtu.be/nVFF1Q1NA5E
	Electrical System+ Charging Circuit	https://youtu.be/-oCCtFS8Wz0
	Starting System	https://youtu.be/2KeOyrd--xY
	Starting System Part-1	https://youtu.be/_UygFGHDbYQ
	Mechanism of Solenoid Switch	https://youtu.be/jUTZDxnnTvk
	Bendix Drive	https://youtu.be/lL2oGrGQ_Hg

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DEPARTMENT OF MECHANICAL ENGINEERING

SUBJECT : M & M YEAR / SEM : IV / I ACADEMIC YEAR : 2020-21

Unit 1	Intro to metrology+ terminology of limits and fits	https://youtu.be/kdtGUmWRFEo
	limit& fits terminology part-1	https://youtu.be/jaTq52qWRSc
	fundamental deviation	https://youtu.be/c9lLzJYr0to
	fits	https://youtu.be/Tj7RrH6y8o4
	interchangability+ hole&shaft bassis system	https://youtu.be/1_dKpvHTFgM
	limit gauges	https://youtu.be/rYNuGmeH8NE
	plug gauge types,ring gauge+ type, snap gauge+ types	https://youtu.be/C55g9aoiNMo
Unit 2	linear measurement	https://youtu.be/ZluFqkklp2A
	calipers+types of clipers+vernier caliper	https://youtu.be/cUqQp9aFKPE
	type of calipers +vernier height gauge	https://youtu.be/ytolm3mppng
	micrometers+types of micrometers+calculation in micrometer	https://youtu.be/4_AaKYyKNpw
	screw thread micrometer+ depth micrometer	https://youtu.be/FCnyqLGfl3Y
	micrometer part-1+slip gauges	https://youtu.be/JZbtzYoTUc4
	classification of slip gauges	https://youtu.be/Br8Bwg6slaU
	wringing of slip gauges	https://youtu.be/tDzh_SEHWV0
	dial indicator	https://youtu.be/AoamDU4oquk
Unit 3	surface texture	https://youtu.be/YjMC4rjOeAQ
	evalution of surface finish	https://youtu.be/JHAsbYRlV7E
	gear+different types of gears	https://youtu.be/NKEGV8fBZNQ
	nomenclature of spur gear	https://youtu.be/zfXgDnck0kQ
	nomenclature of spur gear part-1	https://youtu.be/Nzr6okD_u0s
	nomenclature of spur gear part-2	https://youtu.be/Nsx3yj1YEgY
	spure gear measurement	https://youtu.be/KoClULSSiKE
	pitch measurement	https://youtu.be/pE1WV7cgK94
	acceptance testing	https://youtu.be/F80BpXSlAZg
Unit 4	LINEAR +ANGULAR POTENTIOMETER	https://youtu.be/x2l8P-moQ4o
	LVDT	https://youtu.be/lx64O0L181w
	LVDT part-1	https://youtu.be/EmQzwokpUMc
	REVOLUTION COUNTER	https://youtu.be/5H3xaJKyfS8
	REVOLUTION COUNTER part-1+HAND SPEED INDICATOR	https://youtu.be/0GuD4zgihP4
	SPEED MEASUREMENT +TACHOMETER	https://youtu.be/mexT0qPGmqE
	STRAIN MEASUREMENT +STRAINGAUGE	https://youtu.be/REzeWw8r72Y
	types of strain gauges+resistive strain gauge	https://youtu.be/N6fiyzkqKMU
	TYPES OF STRAINS+WORKING PRINCIPLE OF STRAIN GAUGE+TYPE OF	https://youtu.be/rgauwXm2hEk
	unbonded strain gauge	https://youtu.be/vEfSg-drYJ8
Unit 5	force measurement+load cell	https://youtu.be/S61HM1_tElM
	load cell part-1+ LVDT	https://youtu.be/dP7041eXWMg
	IONIZATION GAUGE	https://youtu.be/O0WWH7fPZHI
	MCLEOD GAUGE	https://youtu.be/Z0eR76HcoZs
	PIRANI GAUGE	https://youtu.be/G5dBkanCNY0
	PRESSURE+DEAD WEAIGHT PRESSURE GAUGE	https://youtu.be/MvXaiK5ETRo
	DEAD WEAIGHT PRESSURE GAUGE part-1	https://youtu.be/hRhUu-dUaF0
	MEASUREMENT OF TEMPERARURE+ NON ELECTRICAL METHOD	https://youtu.be/wEd05iKk_T0
	NON ELECTRICAL METHOD part-1	https://youtu.be/NTvSegMd5Ls
	NON ELETRICAL METHOD part-2+ELECTRICAL METHOD	https://youtu.be/Weyvo7iJ8rQ
	THERMOCOUPLE	https://youtu.be/QYj_gKDsdRY

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DEPARTMENT OF MECHANICAL ENGINEERING

SUBJECT : CAD / CAM YEAR / SEM : IV / I ACADEMIC YEAR : 2020-21

Unit 1	CADCAM I Unit I Class 1	https://youtu.be/BVEcytRcGt0
	CADCAM I Unit I Class 2	https://youtu.be/vqgT-uSG-u8
	CADCAM I Unit I Class 3	https://youtu.be/4miG2Jn3u30
	CADCAM I Unit I Class 4	https://youtu.be/NYjll95GKBU
	CADCAM I Unit I Class 5	https://youtu.be/fxii_xGNhg0
	CADCAM I Unit I Class 6	https://youtu.be/t9ZRps-tWE8
	CADCAM I Unit I Class 7	https://youtu.be/DDlTrclFkpY
	CADCAM I Unit I Class 8	https://youtu.be/LlLoqREhN8M
	CADCAM I Unit I Class 9	https://youtu.be/8-975OhHl0g
	CADCAM I Unit I Class 10	https://youtu.be/EXBFmkBKAgY
Unit 2	CADCAM I Unit II Class 1	https://youtu.be/a6UHch-6M78
	CADCAM I Unit II Class 2	https://youtu.be/qceZ3n1YMBk
	CADCAM I Unit II Class 3	https://youtu.be/igzjK3svK-s
	CADCAM I Unit II Class 4	https://youtu.be/FjeFobVuLaQ
Unit 3	CADCAM I Unit III Class 1	https://youtu.be/-cboQT8xExk
	CADCAM I Unit III Class 2	https://youtu.be/0LLK_XBYvVE
	CADCAM I Unit III Class 3	https://youtu.be/hyYVVFe-gMc
Unit 4	CADCAM I Unit IV Class 1	https://youtu.be/nZr0CsrZSB8
	CADCAM I Unit IV Class 2	https://youtu.be/hhUK9aStc1Y
	CADCAM I Unit IV Class 3	https://youtu.be/T8xSxRh7lUo
	CADCAM I Unit IV Class 4	https://youtu.be/35ksqey9XPM
Unit 5	CADCAM I Unit V Class 1	https://youtu.be/CEfr_I9RIWs
	CADCAM I Unit V Class 2	https://youtu.be/rqB2VlplWGg
	CADCAM I Unit V Class 3	https://youtu.be/4AeShPXXAmc

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DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR : 2020-21

SUBJECT : DMM-I YEAR / SEM : III / I

FACULTY : P.V.NANI KRISHNA

Unit 1	DMM I Unit I Class 1	https://youtu.be/I0MODnLSZA8
	DMM I Unit I Class 2	https://youtu.be/vXibD5BYhcc
	DMM I Unit I Class 3	https://youtu.be/4xzNsTI3OQI
	DMM I Unit I Class 4	https://youtu.be/hqssMBMzyo4
	DMM I Unit I Class 5	https://youtu.be/fxii_xGNhg0
	DMM I Unit I Class 6	https://youtu.be/HF3pjnf9uh0
	DMM I Unit I Class 7	https://youtu.be/gMdW-zIxDGo
	DMM I Unit I Class 8	https://youtu.be/ELmHJHz-HjQ
	DMM I Unit I Class 9	https://youtu.be/uVYOXh1NgGc
	DMM I Unit I Class 10	https://youtu.be/NGJ3Oy4uH34
	DMM I Unit I Class 11	https://youtu.be/sLeP6S-N0t8
	DMM I Unit I Class 12	https://youtu.be/THZo6hku1Kg
Unit 2	DMM I Unit II Class 1	https://youtu.be/txAdymO2HLw
	DMM I Unit II Class 2	https://youtu.be/Pc6kGFt-8OA
	DMM I Unit II Class 3	https://youtu.be/vvNRC1UgH2E
	DMM I Unit II Class 4	https://youtu.be/M0GZ3h6VekQ
	DMM I Unit II Class 5	https://youtu.be/Tx76GCH1rmY
	DMM I Unit II Class 6	https://youtu.be/J6Ffw9gshs0
Unit 3	DMM I Unit III Class 1	https://youtu.be/KI4o_WKbyb4
	DMM I Unit III Class 2	https://youtu.be/8BAVONSFt_4
	DMM I Unit III Class 3	https://youtu.be/Wmu5bf15agY
	DMM I Unit III Class 4	https://youtu.be/0vAs_QE1EmI
	DMM I Unit III Class 5	https://youtu.be/59XeK4v1adk
	DMM I Unit III Class 6	https://youtu.be/golvcy90Jnc
	DMM I Unit III Class 7	https://youtu.be/_pvfFgBemzM
	DMM I Unit III Class 8	https://youtu.be/z2k6gCun5wQ
	DMM I Unit III Class 9	https://youtu.be/ub8ODVY7ZSo
	DMM I Unit III Class 10	https://youtu.be/zVqtM-D8fNU
	DMM I Unit III Class 11	https://youtu.be/4L-yxqjeBa8
Unit 4	DMM I Unit IV Class 1	https://youtu.be/XCtwo4UhZV8
	DMM I Unit IV Class 2	https://youtu.be/f7YjX6iPxcA
	DMM I Unit IV Class 3	https://youtu.be/8WLKGzSbZIc
	DMM I Unit IV Class 4	https://youtu.be/Y-b-pzSTaBg
	DMM I Unit IV Class 5	https://youtu.be/5-GwG6uD_dY
	DMM I Unit IV Class 6	https://youtu.be/KGKNCo-JuIA
	DMM I Unit IV Class 7	https://youtu.be/8jVdpm0mddE
Unit 5	DMM I Unit V Class 1	https://youtu.be/R1gdFtcrk58
	DMM I Unit V Class 2	https://youtu.be/MQ6I_DUX1_Q
	DMM I Unit V Class 3	https://youtu.be/zjRPfLQP2zs
	DMM I Unit V Class 4	https://youtu.be/V_VUsMcHO8w

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DEPARTMENT OF MECHANICAL ENGINEERING

SUBJECT : AR   YEAR / SEM : II / I   ACADEMIC YEAR : 2020-21

	Title	Video Link
UNIT-I	AR-MP-1.1 INTRODUCTION TO MANUFACTURING PROCESSES	https://youtu.be/RF5OZHNOKOg
	AR-MP -1.2 INTRODUCTION TO CASTING PROCESS	https://youtu.be/cNCyTtj8xPk
	AR-MP-1.3 Patter, types of patterns, allowances and materials	https://youtu.be/2ttGV5Cnso4
	AR-MP-1.4 Core, types, core prints, core box, chaplets	https://youtu.be/zinT7fMJQ-M
UNIT-II	AR-MP-2.1-Gating system	https://youtu.be/21wGp8OXXXc
	AR-MP-2.2- Solidification of metals	https://youtu.be/2Fqj_4hhRYM
	AR-MP -2.3- Special casting processes	https://youtu.be/lQw7QHHXHkg
	AR-MP-2.4-Casting defects, Causes and Remedies	https://youtu.be/vPv-YThaj1c
UNIT-III	AR-MP-3.1 Introduction to Welding process	https://youtu.be/uqalBwtrTvl
	AR-MP-3.2 ARC welding	https://youtu.be/OfaNPkJXEm8
	AR-MP-3.3 Submerged Arc Welding	https://youtu.be/t4rYMLpHyos
	AR-MP-3.4 TIG WELDING	https://youtu.be/GOmDC04A7O4
	AR-MP-3.5 MIG Welding	https://youtu.be/3VD1KDqL1Fo
UNIT-IV	AR-MP-4.1-Soldering, Brazing and HAZ	https://youtu.be/j97OJkw_snM
	AR-MP-4.2 Welding defects Causes and Remedies	https://youtu.be/oCK7X37_hWg
	AR-MP-4.3 Abrasive Jet machining	https://youtu.be/R2jEA-LW92k
	AR-MP-4.4 Water jet machining	https://youtu.be/G3KfqytUFwE
	AR-MP-4.5-Ultrasonic machining	https://youtu.be/onmwVcsNvD8
UNIT-V	AR-MP-5.1 Electro Discharge Machining	https://youtu.be/D4St2WKhi44
	AR-MP-5.2 Electro chemical machining	https://youtu.be/1DSqcaFtrc0
	AR-MP-5.3 Laser beam machining	https://youtu.be/vapgAqV7WB8
	AR-MP-5.4 Plasma Arc Machining	https://youtu.be/60f8ragaxic
	AR-MP-5.5 Electron beam machining process	https://youtu.be/tJmJbao5Qdc

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DEPARTMENT OF MECHANICAL ENGINEERING

SUBJECT : DTP-I　　YEAR / SEM : II / I　　ACADEMIC YEAR : 2020-21

FACULTY : M RAVI KUMAR

UNIT	TITLE	YOUTUBE LINK
Unit 1	MRK-DTPI-1-1-Introduction to Engineering, Engineering disciplines	https://youtu.be/Ewcp6Tase88
	MRK-DTPI-1-2-Engineering units, force and motion	https://youtu.be/kX8vihgwXrA
	MRK-DTPI-1-3-Force&Motion, Force& Energy Conversion of Rotary motion to Linear motion & Applications	https://youtu.be/vT-gGyQfQeY
	MRK-DTPI-1-4-Conversion of Linear motion to Rotary motion, Applications, Newton laws, Pascal's Law and Buoyancy	https://youtu.be/D4eJjjlDqoE
	MRK-DTPI-1-5-Bernoulli's Equation, Ohm's Law and Electromagnetic Induction	https://youtu.be/xFvRDcVwhFY
Unit 2	MRK-DTPI-2-1-Introduction to historical development, Invention of wheel& Mechanics In Design	https://youtu.be/f6m7SN8umEQ
	MRK-DTPI-2-2-Mechanical advantages, Industrial revolution & Electrical and electronics Design	https://youtu.be/T_RNKirVMfE
	MRK-DTPI-2-3-Electrical energy generation types and Applications	https://youtu.be/0EM082OISfA
	MRK-DTPI-2-4-Electric Bulb, Electrical Equipment & Electronics and Automation	https://youtu.be/VnL02w0L-xE
	MRK-DTPI-2-5-Computing In early days, Innovations in communications & what changes in communication Industry	https://youtu.be/-tYT98C0XgY
Unit 3	MRK-DTPI-3-1-Introduction to Design Thinking, Examples & Empathize	https://youtu.be/_g1YLAVoEeQ
	MRK-DTPI-3-2-Stages of Design Thinking, Defining problem, Ideate and Prototype	https://youtu.be/r2RRwtH_mow
	MRK-DTPI-3-3-Test, Brain storming, rules, Techniques and Visual thinking	https://youtu.be/KXNPO66U6Sg
	MRK-DTPI-3-4-Design challenges, Innovation of Products and Idea Generation	https://youtu.be/IdalOFEBkhs
	MRK-DTPI-3-5-Creativity, Teams for Innovation, Conventional Methods for Finding solution, Intuitive, Discursive, Design for making new design	https://youtu.be/HFlEFrnwjOl
Unit 4	MRK-DTPI-4-1-Introduction to reverse Engineering, process of reverse engineering and its stages	https://youtu.be/X1KHbM52d1I
	MRK-DTPI-4-2-Identify the bad features of the product and Usage of new materials	https://youtu.be/zvToRLTzqDQ
	MRK-DTPI-4-3-Usage of new materials, 3D Printing	https://youtu.be/BtXnC-ZXyuU
	MRK-DTPI-4-4-3D Printing, its methods and Importance of Ergonomics in product development	https://youtu.be/f1BD-uq8edI
	MRK-DTPI-4-5-Environmental considerations in design, Environmental Impacts and Safety considerations in Design	https://youtu.be/WdKn9AdZslw
	MRK-DTPI-4-6-Safety considerations in Design, Safe design results approach	https://youtu.be/5f5M4NzViXU
Unit 5	MRK-DTPI-5-1-Introction to Agriculture, Separation of corn seeds	https://youtu.be/9DT0LA_AQpk
	MRK-DTPI-5-2-Pelling of Groundnut shells and Husk removing from paddy	https://youtu.be/v3g3W4WLFDg
	MRK-DTPI-5-3-Design of Burglar alarm and	https://youtu.be/7f4imO2SwOU
	MRK-DTPI-5-4-Introduction to speedometer, Water level indicators and smart gates	https://youtu.be/J6v11aiDgU0
	MRK-DTPI-5-5-Smart gate applications, smart lights	https://youtu.be/Ik_YZTohblg
	MRK-DTPI-5-6-Design of electric vehicles, Unmanned vehicle and Drones principles	https://youtu.be/3sA6orzxJ-8

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DEPARTMENT OF MECHANICAL ENGINEERING

SUBJECT : MSE
YEAR / SEM : II / I
ACADEMIC YEAR : 2020-21

UNIT-1	BSK-MS-1-1-Introduction to Management	https://youtu.be/UBr6iFkQ5xw
	BSK-MS-1-2-Levels of Management	https://youtu.be/syLYQn0SCc4
	BSK-MS-1-3-Characteristics of Management	https://youtu.be/LzfdZTs8WGE
	BSK-MS-1-4-Functions of Management	https://youtu.be/LpcytBY0Qws
	BSK-MS-1-5-Management vs. Administration	https://youtu.be/RUzEHFNn9Nk
	BSK-MS-1-6-Evaluation of Management Thought and Henri Fayol	https://youtu.be/aWLSCW9FPAg
	BSK-MS-1-7-Taylor Scientific Management	https://youtu.be/uTw2_ybzVOE
	BSK-MS-1-8-Mayo and Maslow Motivation Theories	https://youtu.be/qWkdvxi0val
	BSK-MS-1-9-Douglas Mc- Greagor to Contingency Approach	https://youtu.be/XjsryFrjYCA
	BSK-MS-1-10-Decision-Making Process	https://youtu.be/pfoaRLnJXlw
	BSK-MS-1-11-Leader ship Styles	https://youtu.be/EWULN5ylLpw
	BSK-MS-1-12-Principles of Organization	https://youtu.be/CeFP4Df5vw0
	BSK-MS-1-13 -Line Organization	https://youtu.be/2oCTajq4uuA
	BSK-MS-1-14-Functional Organization	https://youtu.be/TmGXoHTtgPY
	BSK-MS-1-15-Line and Staff Organization	https://youtu.be/PFKXZwOal5A
UNIT-2	BSK-MS-2-1-Plant Location	https://youtu.be/wNwgoGUrJDo
	BSK-MS-2-2-Plant Layout	https://youtu.be/YMLq1HUOQ5Q
	BSK-MS-2-3-Methods od Production	https://youtu.be/JjcCknVc8EU
	BSK-MS-2-4-Tools of Plant Layout	https://youtu.be/5XLUkOflJtE
	BSK-MS-2-5-Work-Study	https://youtu.be/YAS_a4xnv0A
	BSK-MS-2-6-Inventory Management	https://youtu.be/o_SA4Xq_3KQ
	BSK-MS-2-7-EOQ	https://youtu.be/11W1LbTp_uo
	BSK-MS-2-8-EOQ Problems and ABC Analysis	https://youtu.be/ZKpRyZPoMh4
	BSK-MS-2-9-SQC	https://youtu.be/v1k4UxbtU38
	BSK-MS-2-10-Functions of Marketing	https://youtu.be/Mf42BZHQz1w
	BSK-MS-2-11-Marketing mix	https://youtu.be/bB3NQZ1-eh4
	BSK-MS-2-12-Channels of Distribution	https://youtu.be/F6SWCjtA37E
	BSK-MS-2-13-Product Life Cycle	https://youtu.be/dB_Oqpniujl
UNIT-3	BSK-MS-3-1-Functions of Human Resource Management	https://youtu.be/qfVNEskD9Uc
	BSK-MS-3-2-HRP and Recruitment	https://youtu.be/CqdckbhxU6s
	BSK-MS-3-3-Selection Process and Induction	https://youtu.be/SMMLyxFlaJA
	BSK-MS-3-4-Training and Development	https://youtu.be/JRzpv_sN-rk
	BSK-MS-3-5-Performance Appraisal	https://youtu.be/YZcDYqWgpr8
	BSK-MS-3-6-Job Evaluation	https://youtu.be/FiXV6Gkn7Yg
	BSK-MS-3-7-Grievance Handling Process	https://youtu.be/Vzq7PyLmL_U
UNIT-4	BSK-MS-4-1-Corporate Planning	https://youtu.be/6rnJWl9t0ml
	BSK-MS-4-2-SWOT Analysis	https://youtu.be/f-L0N6Z7HF8
	BSK-MS-4-3-Environmental Scanning	https://youtu.be/JFPo6vM2g-E
	BSK-MS-4-4-Strategy Formulation and Implementation	https://youtu.be/WOOy3vERVFk
	BSK-MS-4-5-Project Management	https://youtu.be/4WBwxplMGmA
	BSK-MS-4-6-Crashing	https://youtu.be/I94VypfcqS0
UNIT-5	BSK-MS-5-1-MIS	https://youtu.be/UxLjQmAp6DM
	BSK-MS-5-2-JIT	https://youtu.be/DhYJwsHGKns
	BSK-MS-5-3-TQM	https://youtu.be/BFoU_UD4H5M
	BSK-MS-5-4-CMM, SCM and PM	https://youtu.be/Ctor0MELEaE
	BSK-MS-5-5-Six Sigma	https://youtu.be/scTNVwvaRwQ
	BSK-MS-5-6-Bench Marking and BSC	https://youtu.be/op2sq_keJO0

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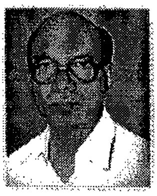
DEPARTMENT OF MECHANICAL ENGINEERING

LESSON PLAN

Subject: Metrology and Measurements class & sec: IVB.Tech B Faculty: V.PAVAN KUMAR

S.NO	Week	No of periods/ week	Unit	Topic to be covered	Numbe of periods unit
1	17-08-20 to 22-08-20	3	I	LIMITS, FITS and TOLERNCES: Introduction, Definitions, fits and their types	14
				unilateral and bilateral tolerance system, hole and shaft basis systems	
				interchangeability and selective assembly	
2	24-08-20 to 29-08-20	3		Indian standard system – International Standard organization system for plain work.	
				LIMIT GAUGES and GAUGE DESIGN	
				Plug, Ring	
3	31-08-20 to 05-09-20	4		Snap, Gap, Taper gauges	
				Taylor“s principle	
				Design of Go and No-Go gauges	
				COMPARATORS: Principle of Measurement with Mechanical their uses.	
4	07-09-20 to 12-09-20	4		Optical their uses.	
				Electrical their uses.	
				Electronic their uses.	
				Pneumatic comparators and their uses.	
5	14-09-20 to 19-09-20	4	II	LINEAR MEASUREMENT: Length standard, line and end & wavelength standards	11
				slip gauges	
				calibration of the slip gauges, Dial indicator, micrometers, vernier heightgauges	
				MEASUREMENT OF ANGLES AND TAPERS: Different methods ,Bevel protractor	
6	21-09-20 to 26-09-20	4		angle gauges ,spiritlevels,sine bar	
				Sine plate, rollers and spheres used to determine the tapers	
				FLATNESS MEASUREMENT: Measurement of flatness of surfaces	
				straight edges	

7	28-09-20 to 03-10-20	3		surface plates	
				optical flat	
				auto collimators, interferometer and their uses	
8	05-10-20 to 10-10-20	4	III	SURFACE ROUGHNESS MEASUREMENT: Differences between surface roughnessand surfacewaviness, Numerical assessment of surface finish	7
				,CLA, R.M.S Values ,Ra , Rz values, Methods of measurement of surface finish	
				profilograph,Talysurf, BIS symbols for indication of surface finish.	
				SCREW THREAD MEASUREMENT: Elements of measurement, errors in screwthreads, measurement of effective diameter, angle of thread and thread pitch,profilethread gauges.	
9	09-11-20 To 14-11-20	3		GEAR MEASUREMENT: Gear measuring instruments, Gear tooth profilemeasurement. Measurement of diameter, pitch, pressure angle and tooth thickness.	
				MACHINE TOOL ALIGNMENT TESTS: Requirements of Machine Tool Alignment Tests,	
				Alignment tests on lathe, milling and drilling machine tools. Preparation of acceptance charts.	
10	16-11-20 To 21-11-20	4	IV	MEASUREMENT OF DISPLACEMENT: Theory and construction of various transducers to measure displacement	8
				Piezo electric, Inductive, capacitance, resistance	
				ionization and Photo electric transducers, Calibration procedures.	
				MEASUREMENT OF SPEED: Mechanical Tachometers - Electrical tachometers - Stroboscope, Noncontact type of tachometer	
11	23-11-20 To 28-11-20	4		STRESS &STRAIN MEASUREMENTS: Various types, electrical strain gauge - gauge factor - method of usage of resistance strain gauge for bending,	
				compressive and tensile strains, usage for measuring torque, Strain gauge Rosettes	
				MEASUREMENT OF ACCELERATION AND VIBRATION: Different simple instruments	
				Principles of Seismic instruments, Vibrometer and accelerometer.	
12	30-11-20 To 05-12-20	4	V	MEASURMENT OF TEMPERATURE: Standards and calibration, thermal expansion methods,	15
				thermo electric sensors(thermocouples),	
				Electrical Resistance sensors, Junction semiconductor sensors,	



				Digital thermometers, Radiation methods	
13	07-12-20 To 12-12-20	4		MEASUREMENT OF PRESSURE AND SOUND: Standards and calibration,	
				basic methods of pressure measurement, dead weight gauges	
				manometers	
				Elastic transducers,	
14	14-12-20 To 19-12-20	4		vibrating cylinder, resonant transducers,	
				High- and low-pressure measurement, sound measurement	
				MEASUREMENT OF FORCE, TORQUE, POWER: Standards and calibration	
				Basic methods of Force Measurement	
15	21-12-20 To 26-12-20	3		Torque measurement on rotating shafts	
				shaft power measurement(dynamometers)	
				Vibrating wire force transducers.	
Total periods					55

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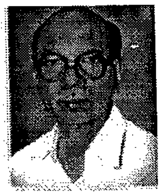

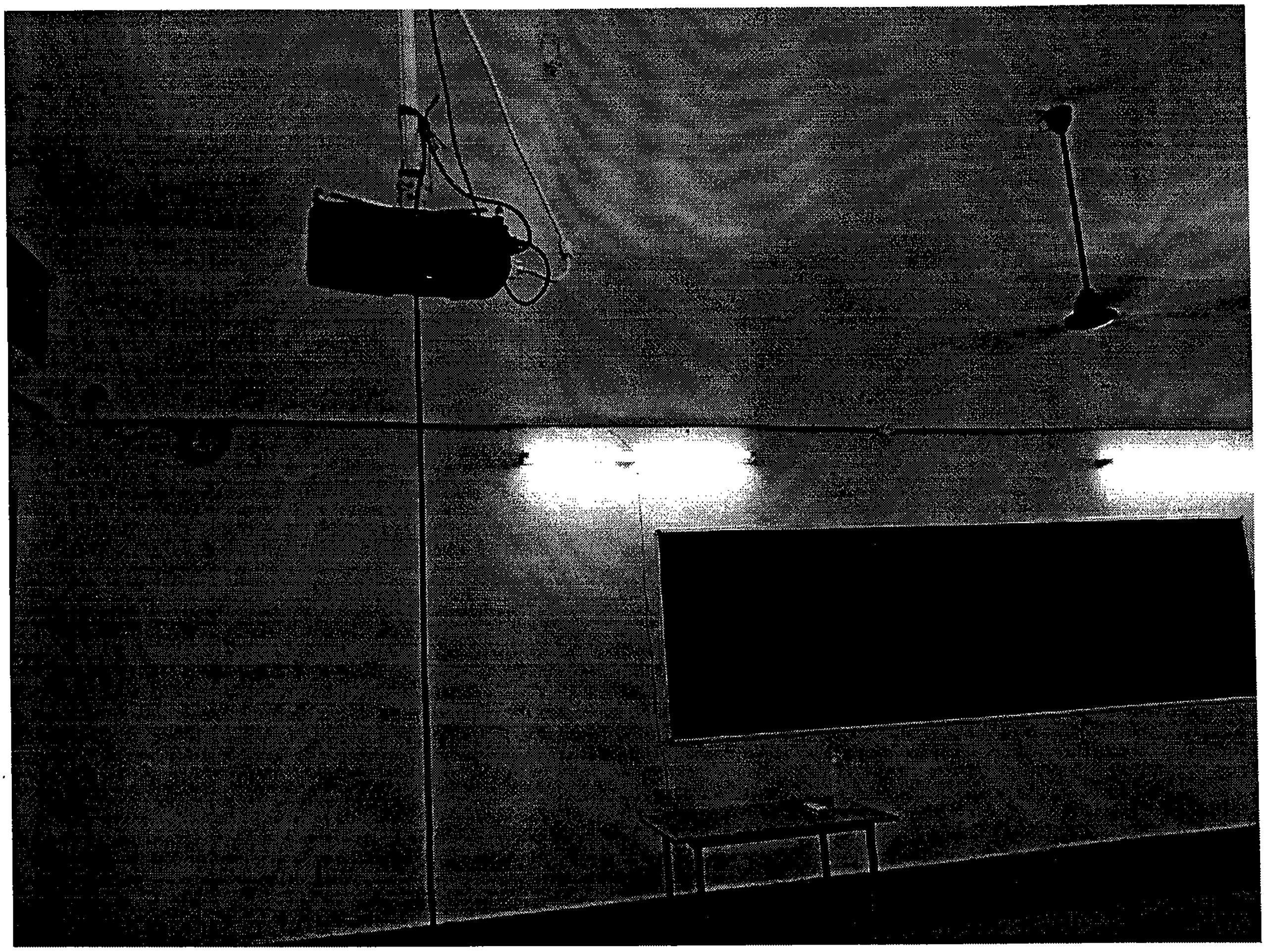

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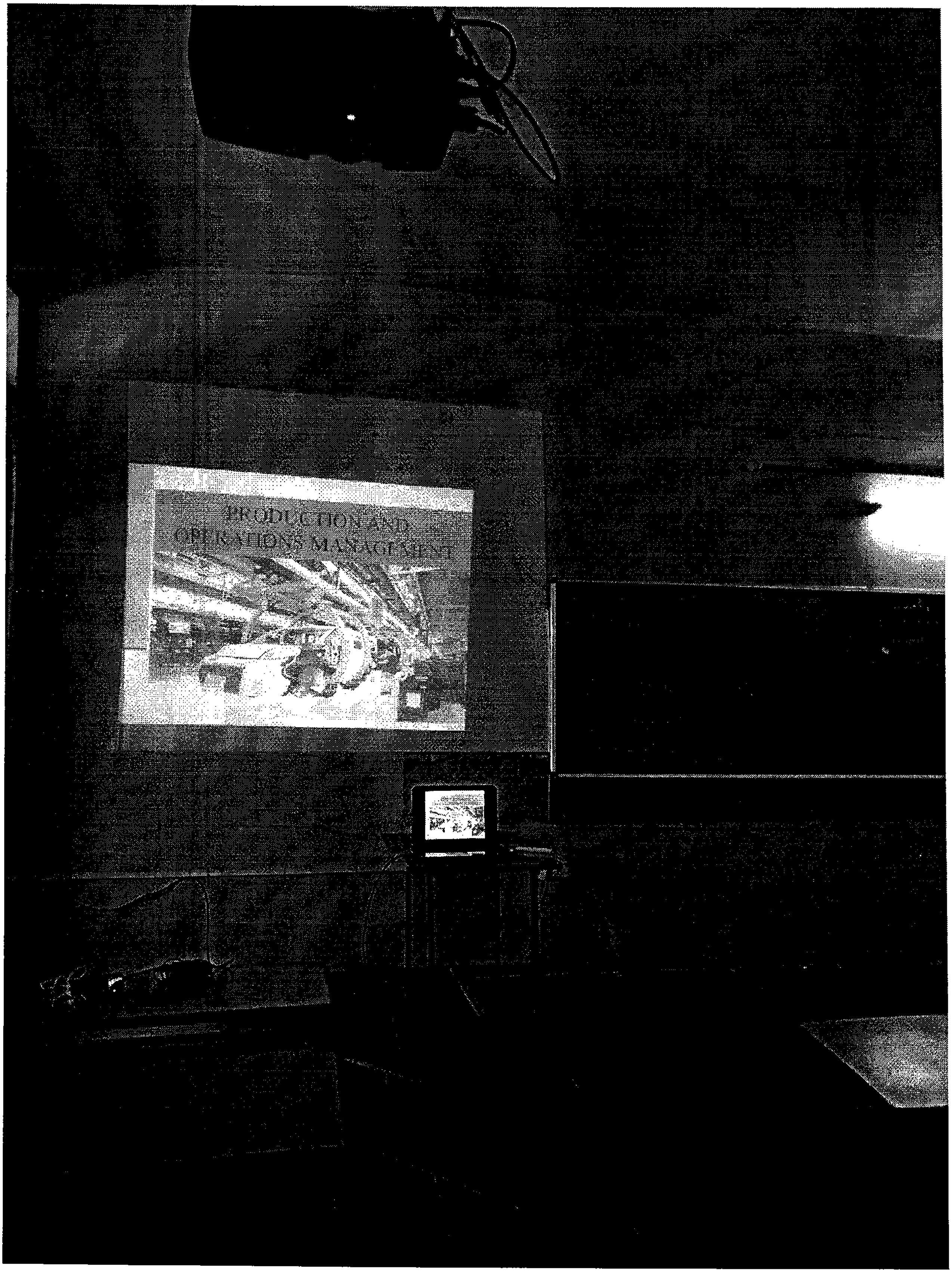
PRODUCTION AND
OPERATIONS MANAGEMENT

	UNIT 3 CLASS 6 ACHEVING QUALITIES & INTRODUCTION OF TACTICS	https://www.youtube.com/watch?v=Bn1sY9EARcU&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8&index=6
	UNIT 3 CLASS 7 MODIFIBILITY TACTICS	https://www.youtube.com/watch?v=9sWut4MLTl0&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8&index=7
	UNIT3 CLASS 8 PERFORMANCE TACTICS	https://www.youtube.com/watch?v=T6JhdA8aopw&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8&index=8
	UNIT3 CLASS 9 SECURITY TACTICS	https://www.youtube.com/watch?v=PFn5l25CN20&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8&index=9
	UNIT3 CLASS 10 - TESTABILITY & USABILITY TACTICS	https://www.youtube.com/watch?v=EljtOq28r-0&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8&index=10
Unit 4	UNIT4 CLASS1 DOCUMENTATION FOR ARCHITECTURE & USES	https://www.youtube.com/watch?v=Z-BnmEyJ-1M&list=PLtbURIImDnY-X9YRBGdwykDuLyWrIUoya&index=2&t=0s
	UNIT4 CLASS 2 VIEWS & CHOOSING RELAVANT VIEWS	https://www.youtube.com/watch?v=GO7zXxialCM&list=PLtbURIImDnY-X9YRBGdwykDuLyWrIUoya&index=2
	UNIT4 CLASS3 DOCUMENTING VIEW	https://www.youtube.com/watch?v=fFR_8NvojR8&list=PLtbURIImDnY-X9YRBGdwykDuLyWrIUoya&index=3
	UNIT4 CLASS4 DOCUMENTING INTERFACE	https://www.youtube.com/watch?v=8AjTuYfLDNw&list=PLtbURIImDnY-X9YRBGdwykDuLyWrIUoya&index=4
	UNIT4 CLASS 6 RECONSTRUCTION OF SOFTWARE ARCHITECTURE	https://www.youtube.com/watch?v=6CRKTobmpJY&list=PLtbURIImDnY-X9YRBGdwykDuLyWrIUoya&index=6
	UNIT 4 CLASS 7 RECONSTRUCTION ACTIVITIES	https://www.youtube.com/watch?v=NVTqYD1Qfrc&list=PLtbURIImDnY-X9YRBGdwykDuLyWrIUoya&index=7
Unit 5	UNIT 5 CLASS 1 INTRODUCTION OF EVALUATION	https://www.youtube.com/watch?v=yplyWzPyg9o&list=PLtbURIImDnY9vXS1xB1OfBb4Q5jpwlDfD&index=2&t=0s
	UNIT5 CLASS 2 ATAM METHOD	https://www.youtube.com/watch?v=iR5hq9FuMPs&list=PLtbURIImDnY9vXS1xB1OfBb4Q5jpwlDfD&index=2
	UNIT5 CLASS 3 EVALUATION STEPS IN ATAM	https://www.youtube.com/watch?v=i1vaPcYoxuc&list=PLtbURIImDnY9vXS1xB1OfBb4Q5jpwlDfD&index=3
	UNIT5 CLASS 4 CBAM	https://www.youtube.com/watch?v=BUN4gujDRmg&list=PLtbURIImDnY9vXS1xB1OfBb4Q5jpwlDfD&index=4
	UNIT5 CLASS 5 WWW EXAMPLE	https://www.youtube.com/watch?v=S7oFH3KhfCs&list=PLtbURIImDnY9vXS1xB1OfBb4Q5jpwlDfD&index=5

Subject Incharge

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UNIT 5

Analyzing /Evaluate Architectures

- why,
- when,
- cost,
- benefits,
- techniques,
- planned or unplanned,
- preconditions, and
- results.

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Why

- Why evaluate an architecture?
- An effective technique to assess a candidate architecture—*before* it becomes the project's accepted blueprint—is of great economic value.
- With the advent of repeatable, structured methods (such as the ATAM,)
- architecture evaluation has come to provide relatively a low-cost risk mitigation capability.
- Making sure the architecture is the right one simply makes good sense.
- An architecture evaluation should be a standard part of every architecture-based development methodology.

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When

- architecture evaluation can be carried out at many points during a system's life cycle.

Cost

- The cost of an evaluation is the staff time required of the participants.

Benefits

- six benefits that flow from holding architectural inspections.

  1. Financial.
  2. Forced preparation for the review
  3. Captured rationale
  4. Early detection of problems with the existing architecture
  5. Validation of requirements
  6. Improved architectures

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ICT Utilization Proof:

S.No	Name of the Teacher	Subject Code	Subject Name	Link
1	Dr. DODLA PRATHYUSHA REDDI	15A04503	Linear IC Applications	https://www.youtube.com/playlist?list=PLhL2U46GWXEksdUjm2p0VNiXO-BTGqzSI
2	Dr. AVULA MAHESWARA RAO	15A04703	Microwave Engineering	https://drive.google.com/file/d/1ejkd6v37OrgMSvnl1YE7K3JWByWDSWKo/view?usp=sharing
3	Dr. S.V. SUBBA RAO	15A04705	RADAR SYSTEMS	https://www.youtube.com/channel/UCiiaxmfn8HFa3-ENVbvkWKw
4	Dr. A S VISWANADHA SARMA	15A04708	DIGITAL IMAGE PROCESSING	https://www.youtube.com/channel/UCVVP70-6ZJMrfPN7aUuqYgg/
5	Dr. N. SATHEESH KUMAR	15A04701	OPTICAL FIBER COMMUNICATIONS	https://www.youtube.com/playlist?list=PLa4WhrdWzQu9mKq4csM8ndMi4a1VCnV_1
6	Dr. M.R. ARUN	15A04501	Antennas and Wave Propagation	https://www.youtube.com/watch?v=OVsXMbIwFl0
7	Mr. VANTERU NARAYNA REDDY	15A04504	Digital System Design	https://www.youtube.com/watch?v=AmP5SHqHDGM&list=PLXCy7kH0lJzM8UGJtjUAeUh9k38j7EG-9&index=2
8	Mr. VEMURU PHANIBHSHAN	15A04301	ELECTRONIC DEVICES AND CIRCUITS	https://www.youtube.com/playlist?list=PLANE0PeTlppTEgRSnvDGXPbPIKdtkWE-R
9	Mr. ARAVA SUMAN KUMAR REDDY	15A04702	Embedded Systems	https://www.youtube.com/watch?v=dqyweTiRC4c&list=UUZz49jMz6EtvT96kDrQFqrg
10	Mr. NOSINA KRISHNA CHAITANYA	15A04401	ELECTRONIC DEVICES AND CIRCUITS	https://www.youtube.com/playlist?list=PLWqkvRcTQ8wjLNA9BtShjqHeLMTxYlO4A
11	Ms. MODI PAVITHRA	15A04503	LINEAR IC APPLICATIONS	https://www.youtube.com/playlist?list=PLtmB4Xi1QiUB_IdBMnZnFJa416Wt3xdUP
12	Mr. M RAMA MOHAN REDDY	15A04304	Probability Theory and Stochastic Processes	https://www.youtube.com/playlist?list=PLDpXsIzyUlAsph-lOJuE22LuiZDg88Vl1
13	Ms. MUSALI SUREKHA	15A04301	Electronic Devices and Circuits	https://www.youtube.com/playlist?list=PL_rbDCz8fjNp-9d1CGDI3JhYifzn0z9Dv
14	Ms. KUNDA KIRANMAYI JYOTHI	15A04304	PROBABILTY THEORY AND STOCHASTIC PROCESS	https://www.youtube.com/watch?v=SHluqslGR_U&list=PLczicswFHQMUDUQEkjl39OjA9oq7OTf8z

15	Mr. L.M.L. NARAYANA REDDY	15A04501	ANTENNA WAVE PROPAGATION	https://www.youtube.com/channel/UC0E1ulPXSCdcGPaD-zN3QzA
16	Mr. KOPPALA ASHOK KUMAR	15A04704	DATA COMMUNICATION AND NETWORKING	https://www.youtube.com/playlist?list=PLt_jN6E4uLQ57LRHfylv3V0FkZ8k2n_JP
17	Mr. SK RASOOL	15A04303	SIGNAL AND SYSTEMS	https://www.youtube.com/playlist?list=PLHdztQFMhj2fjHV_v0PiEOOu5D5i_1Yb7
18	Mr. M VENKATA RATHNAM	19A04304	Digital Electronics and Logic Design	https://www.youtube.com/playlist?list=PLvzRwXbI4wY4-dziEwIwta6tKsNGE0Y21
19	Ms. MUKKARA MADHULIKA	19A04304	DIGITAL ELECTRONICS AND LOGIC DESIGN	https://www.youtube.com/playlist?list=PL4wQhYeutPxhm5Nk5FdmKB57OuJPuYfE9
20	Mr. RAYALA RANJIT KUMAR	15A04504	DATA COMMUNICATION AND NETWORKING	https://www.youtube.com/feed/my_videos
21	Mr. ALLA VENKA REDDY	15A04504	DIGITAL SYSTEM DESIGN	https://www.youtube.com/playlist?list=PLXCy7kH0lJzM8UGJtjUAeUh9k38j7EG-9
22	Ms. SADA MADHURI	15A04502	DIGITAL COMMUNICATION SYSTEMS	https://www.youtube.com/channel/UC9GSeAP1AaMyPH2p20jipsw/
23	Mr. DUNIDI UMAMAHESWARA REDDY	15A04502	DIGITAL COMMUNICATION SYSTEMS	https://www.youtube.com/playlist?list=PL2JV2cGL-pC-AFnItsc9H-y6CmvhLqHhs
24	Ms. JAGANNADAM SUJITHA	15A04705	RADAR SYSTEMS	https://www.youtube.com/channel/UC_U20ER3BWD1-fc7QaPgqWg?view_as=subscriber
25	Mr. TUNGA GOWRI KISHORE	15A04708	DIGITAL IMAGE PROCESSING	https://www.youtube.com/playlist?list=PL71pgZjDYYx1Ae91V3nlM7RB6Kapsd5av
26	Mr. V. PRASANNANJANEYA REDDY	15A04503	LINEAR IC APPLICATIONS	https://www.youtube.com/playlist?list=PLtmB4Xi1QiUB_IdBMnZnFJa416Wt3xdUP
27	Mr. REDDYBOINA SATEESH	15A04704	DATA COMMUNICATION AND NETWORKING	https://www.youtube.com/playlist?list=PLt_jN6E4uLQ57LRHfylv3V0FkZ8k2n_JP
28	Ms. K. UMA	15A04303	SIGNAL AND SYSTEMS	https://www.youtube.com/playlist?list=PLHdztQFMhj2fjHV_v0PiEOOu5D5i_1Yb7
29	Ms. C. REDDY USHA			
30	Mr. RAMRAJSINGH PRATHAP SINGH			

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

IV.B.Tech I sem-Video Links **AY:19-20**

	SUBJECT -	**SOFTWARE ARCHITECTURE**
	Title-Topic	**Video Link**
Unit 1	UNIT1 CLASS1 WHAT IS SOFTWARE ARCHIITECTURE	https://www.youtube.com/watch?v=OEeM1gv0GnI&list=PLtbURIImDnY-HxSfzKw5x3P3nkgBuhinz&index=2&t=0s
	UNIT1 CLASS2 WHERE ARCHITECTURE COMES FROM	https://www.youtube.com/watch?v=39IK-_OimLw&list=PLtbURIImDnY-HxSfzKw5x3P3nkgBuhinz&index=6&t=0s
	UNIT 1 CLASS 3 ARCHITECTURE INFLUENCES	https://www.youtube.com/watch?v=LoEWXz6CxjI&list=PLtbURIImDnY-HxSfzKw5x3P3nkgBuhinz&index=8
	UNI1 CLASS 4 WHAT MAKES GOOD ARCHITECTURE	https://www.youtube.com/watch?v=eS7UfLeZ5ak&list=PLtbURIImDnY-HxSfzKw5x3P3nkgBuhinz&index=10
	UNIT1 CLASS 5 WHAT IS SOFTWARE ARCHITECTURE AND WHATS NOT & OTHER POINTS OF VIEW	https://www.youtube.com/watch?v=uc-P92WcEfk
	UNIT 1 CLASS 6 ARCHITECTURAL PATTERNS,REFERRENCE MODELS & WHY ARCH IS IMPORTANT	https://www.youtube.com/watch?v=hqDSOB1azSQ&list=PLtbURIImDnY-HxSfzKw5x3P3nkgBuhinz&index=14
	UNIT1 CLASS 7 ARCHITECTURAL STRUCTURE & VIEWS	https://www.youtube.com/watch?v=-w6GW55DUwM&list=PLtbURIImDnY-HxSfzKw5x3P3nkgBuhinz&index=16
Unit 2	UNIT2 CLASS 1 DESIGN ARCHITECTURE	https://www.youtube.com/watch?v=slZImgXaDVo&list=PLtbURIImDnY8g9dn3wiKzGe-AcwhOAiA&index=2&t=9s
	UNIT2 CLASS 2 FORMING TEAMS & SKELETAL STRUCTURE	https://www.youtube.com/watch?v=8NEDYWJ8cfE&list=PLtbURIImDnY8g9dn3wiKz 1e-AcwhOAiA&index=7
	UNIT2 CLASS 3 PIPES FILTER & OOD STYLE	https://www.youtube.com/watch?v=PUjKMNolHpk&list=PLtbURIImDnY8g9dn3wiKz 1e-AcwhOAiA&index=11
	UNIT2 CLASS 4 EVENT BASED REPOSITORY INTERPRETER STYLES	https://www.youtube.com/watch?v=Fv7MEKMZxGk&list=PLtbURIImDnY8g9dn3wiK G1e-AcwhOAiA&index=14
Unit 3	UNIT3 CLASS1- CREATING AN ARCHITECTURE	https://www.youtube.com/watch?v=0w7_JLdffIc&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8
	UNIT3 CLASS 2 ARCHITECTURE & QUALITY ATTRIBUTES	https://www.youtube.com/watch?v=cic-VfJrPVY&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8&index=2
	UNIT3 CLASS3 QUALITY ATTRIBUTE SCENARIOS	https://www.youtube.com/watch?v=dUitcV8CJOo&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8&index=3
	UNIT3 CLASS 4 QUALITY ATTRIBUTE SCENARIOS IN PRACTICE EXAMPLES	https://www.youtube.com/watch?v=ly-uO058ppY&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8&index=4
	UNIT 3 CLASS 5 OTHER SYSTEM QUALITY ATTRIBUTES	https://www.youtube.com/watch?v=37f2BJUfAIY&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8&index=5

	UNIT 3 CLASS 6 ACHEVING QUALITIES & INTRODUCTION OF TACTICS	https://www.youtube.com/watch?v=Bn1sY9EARcU&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8&index=6
	UNIT 3 CLASS 7 MODIFIBILITY TACTICS	https://www.youtube.com/watch?v=9sWut4MLTl0&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8&index=7
	UNIT3 CLASS 8 PERFORMANCE TACTICS	https://www.youtube.com/watch?v=T6JhdA8aopw&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8&index=8
	UNIT3 CLASS 9 SECURITY TACTICS	https://www.youtube.com/watch?v=PFn5l25CN20&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8&index=9
	UNIT3 CLASS 10 - TESTABILITY & USABILITY TACTICS	https://www.youtube.com/watch?v=EljtOq28r-0&list=PLtbURIImDnY-paq8A2DTTvi1tQ7aM69R8&index=10
Unit 4	UNIT4 CLASS1 DOCUMENTATION FOR ARCHITECTURE & USES	https://www.youtube.com/watch?v=Z-BnmEyJ-1M&list=PLtbURIImDnY-X9YRBGdwykDuLyWrIUoya&index=2&t=0s
	UNIT4 CLASS 2 VIEWS & CHOOSING RELAVANT VIEWS	https://www.youtube.com/watch?v=GO7zXxialCM&list=PLtbURIImDnY-X9YRBGdwykDuLyWrIUoya&index=2
	UNIT4 CLASS3 DOCUMENTING VIEW	https://www.youtube.com/watch?v=fFR_8NvojR8&list=PLtbURIImDnY-X9YRBGdwykDuLyWrIUoya&index=3
	UNIT4 CLASS4 DOCUMENTING INTERFACE	https://www.youtube.com/watch?v=8AjTuYfLDNw&list=PLtbURIImDnY-X9YRBGdwykDuLyWrIUoya&index=4
	UNIT4 CLASS 6 RECONSTRUCTION OF SOFTWARE ARCHITECTURE	https://www.youtube.com/watch?v=6CRKTobmpJY&list=PLtbURIImDnY-X9YRBGdwykDuLyWrIUoya&index=6
	UNIT 4 CLASS 7 RECONSTRUCTION ACTIVITIES	https://www.youtube.com/watch?v=NVTqYD1Qfrc&list=PLtbURIImDnY-X9YRBGdwykDuLyWrIUoya&index=7
Unit 5	UNIT 5 CLASS 1 INTRODUCTION OF EVALUATION	https://www.youtube.com/watch?v=yplyWzPyg9o&list=PLtbURIImDnY9vXS1xB1OfB 4Q5jpwlDfD&index=2&t=0s
	UNIT5 CLASS 2 ATAM METHOD	https://www.youtube.com/watch?v=iR5hq9FuMPs&list=PLtbURIImDnY9vXS1xB1OfB b4Q5jpwlDfD&index=2
	UNIT5 CLASS 3 EVALUATION STEPS IN ATAM	https://www.youtube.com/watch?v=i1vaPcYoxuc&list=PLtbURIImDnY9vXS1xB1OfB 4Q5jpwlDfD&index=3
	UNIT5 CLASS 4 CBAM	https://www.youtube.com/watch?v=BUN4gujDRmg&list=PLtbURIImDnY9vXS1xB1O Bb4Q5jpwlDfD&index=4
	UNIT5 CLASS 5 WWW EXAMPLE	https://www.youtube.com/watch?v=S7oFH3KhfCs&list=PLtbURIImDnY9vXS1xB1Of b4Q5jpwlDfD&index=5

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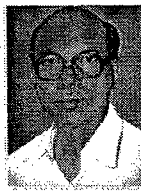
MANAGEMENT SCIENCE

	Title	Video Link
UNIT-1	BSK-MS-1-1-Introduction to Management	https://youtu.be/UBr6iFkQ5xw
	BSK-MS-1-2-Levels of Management	https://youtu.be/syLYQn0SCc4
	BSK-MS-1-3-Characteristics of Management	https://youtu.be/LzfdZTs8WGE
	BSK-MS-1-4-Functions of Management	https://youtu.be/LpcytBY0Qws
	BSK-MS-1-5-Management vs. Administration	https://youtu.be/RUzEHFNn9Nk
	BSK-MS-1-6-Evaluation of Management Thought and Henri Fayol	https://youtu.be/aWLSCW9FPAg
	BSK-MS-1-7-Taylor Scientific Management	https://youtu.be/uTw2_ybzVOE
	BSK-MS-1-8-Mayo and Maslow Motivation Theories	https://youtu.be/qWkdvxi0vaI
	BSK-MS-1-9-Douglas Mc- Greagor to Contingency Approach	https://youtu.be/XjsryFrjYCA
	BSK-MS-1-10-Decision-Making Process	https://youtu.be/pfoaRLnJXlw
	BSK-MS-1-11-Leader ship Styles	https://youtu.be/EWULN5ylLpw
	BSK-MS-1-12-Principles of Organization	https://youtu.be/CeFP4Df5vw0
	BSK-MS-1-13 -Line Organization	https://youtu.be/2oCTajq4uuA
	BSK-MS-1-14-Functional Organization	https://youtu.be/TmGXoHTtgPY
	BSK-MS-1-15-Line and Staff Organization	https://youtu.be/PFKXZwOal5A
UNIT-2	BSK-MS-2-1-Plant Location	https://youtu.be/wNwgoGUrJDo
	BSK-MS-2-2-Plant Layout	https://youtu.be/YMLq1HUOQ5Q
	BSK-MS-2-3-Methods od Production	https://youtu.be/JjcCknVc8EU
	BSK-MS-2-4-Tools of Plant Layout	https://youtu.be/5XLUkOflJtE
	BSK-MS-2-5-Work-Study	https://youtu.be/YAS_a4xnv0A
	BSK-MS-2-6-Inventory Management	https://youtu.be/o_SA4Xq_3KQ
	BSK-MS-2-7-EOQ	https://youtu.be/11W1LbTp_uo
	BSK-MS-2-8-EOQ Problems and ABC Analysis	https://youtu.be/ZKpRyZPoMh4
	BSK-MS-2-9-SQC	https://youtu.be/v1k4UxbtU38
	BSK-MS-2-10-Functions of Marketing	https://youtu.be/Mf42BZHQz1w
	BSK-MS-2-11-Marketing mix	https://youtu.be/bB3NQZ1-eh4
	BSK-MS-2-12-Channels of Distribution	https://youtu.be/F6SWCjtA37E
	BSK-MS-2-13-Product Life Cycle	https://youtu.be/dB_OqpniujI
UNIT-3	BSK-MS-3-1-Functions of Human Resource Management	https://youtu.be/qfVNEskD9Uc
	BSK-MS-3-2-HRP and Recruitment	https://youtu.be/CqdckbhxU6s
	BSK-MS-3-3-Selection Process and Induction	https://youtu.be/SMMLyxFlaJA
	BSK-MS-3-4-Training and Development	https://youtu.be/KztxDSrlX0g
	BSK-MS-3-5-Performance Appraisal	https://youtu.be/YZcDYqWgpr8
	BSK-MS-3-6-Job Evaluation	https://youtu.be/FiXV6Gkn7Yg
	BSK-MS-3-7-Grievance Handling Process	https://youtu.be/Vzq7PyLmL_U



UNIT-4	BSK-MS-4-1-Corporate Planning	https://youtu.be/6rnJWI9t0ml
	BSK-MS-4-2-SWOT Analysis	https://youtu.be/f-L0N6Z7HF8
	BSK-MS-4-3-Environmental Scanning	https://youtu.be/JFPo6vM2g-E
	BSK-MS-4-4-Strategy Formulation and Implementation	https://youtu.be/WOOy3vERVFk
	BSK-MS-4-5-Project Management	https://youtu.be/4WBwxplMGmA
	BSK-MS-4-6- Critical Path Method	https://youtu.be/lqJJoSZ3GWM
	BSK-MS-4-7- Scheduling calculations and Critical path	https://youtu.be/OiJDrxOPKvU
	BSK-MS-4-8- Network Diagrams	https://youtu.be/8uzr_q7aHAA
	BSK-MS-4-9-Network Rules	https://youtu.be/6ZiBw-rmGbo
	BSK-MS-4-10-Crashing	https://youtu.be/I94VypfcqS0
UNIT-5	BSK-MS-5-1-MIS	https://youtu.be/UxLjQmAp6DM
	BSK-MS-5-2-JIT	https://youtu.be/DhYJwsHGKns
	BSK-MS-5-3-TQM	https://youtu.be/BFoU_UD4H5M
	BSK-MS-5-4-CMM, SCM and PM	https://youtu.be/Ctor0MELEaE
	BSK-MS-5-5 Business Process Outsourcing	https://youtu.be/m0jSnU5tItU
	BSK-MS-5-6 BPR	https://youtu.be/Jlc45r059Ys
	BSK-MS-5-7-Six Sigma	https://youtu.be/scTNVwvaRwQ
	BSK-MS-5-8-Bench Marking and BSC	https://youtu.be/op2sq_keJO0

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NETWORK SECURITY-CRYPTOGRAPHY

Unit 1	**ut-1 introduction**	https://www.youtube.com/watch?v=ynauTrFpO04
	ut-1security architecture	https://www.youtube.com/watch?v=XjDzpGwglBA
	ut-1 block cipher modes of operation	https://www.youtube.com/watch?v=Ui24iiT0q7g
	ut-1 des example	https://www.youtube.com/watch?v=h4xB2M0LPKk
	ut-1 classical encryption techniques	https://www.youtube.com/watch?v=UqKCdjpMWQA
	ut-1 modern block ciphers	https://www.youtube.com/watch?v=ivlQsKL1uzo
	ut-1 stegnography	https://www.youtube.com/watch?v=yfB73Cug1bk
	ut-1 des algorithm	https://www.youtube.com/watch?v=AZZ4kv46L8M
	ut-1triple des	https://www.youtube.com/watch?v= KtZ7Wxuo4
	ut-1 classical cipher unit 1	https://www.youtube.com/watch?v=zZ-Uoh-0K2Q
	ut-1 des example 1	https://www.youtube.com/watch?v=RlC27vCQ9Mk
	ut-1 Aes algorithm	https://www.youtube.com/watch?v=QxXVbCa2Dlg
	ut-1 aes example	https://www.youtube.com/watch?v=UF4s0kG2Cdw
Unit 2	**public key crytography**	https://www.youtube.com/watch?v=IsHnogXjVBY&feature=youtu.be
	dieffie hellman and elgamal key exchange	https://www.youtube.com/watch?v=nAcZvXLi2B4&feature=youtu.be
	RSA ALGORITHM	https://youtu.be/BO7Y6PVT_-M
	RINGS FIELDS ,GROUPS	https://www.youtube.com/watch?v=wtOEiTfBqzg&feature=youtu.be
	FERMATS LITTLE THEOREM,EULERS,CHINESE REMAINDER THEOREM	https://www.youtube.com/watch?v=xXYdFGC8_bE&feature=youtu.be
	MODULAR ARTHIMETIC	https://www.youtube.com/watch?v=bx1DM88fKM4&feature=youtu.be
	EXTENDED EUCLIDEAN ALGORITHM	https://www.youtube.com/watch?v=sggzD4Wf8oo&feature=youtu.be
	MULTIPLICATIVE INVERSE	https://www.youtube.com/watch?v=fff7X7FvnNU&feature=youtu.be
	EUCLIDEAN ALGORITHM	https://www.youtube.com/watch?v=cxMCCoGBXTU&feature=youtu.be
	PRIMES	https://www.youtube.com/watch?v=MAf_nzn7v5w&feature=youtu.be
	INTRODUCTION TO NUMBER THOERY	https://www.youtube.com/watch?v=obnlHytD-tg&feature=youtu.be
	LINEAR CONGRUENCE	https://www.youtube.com/watch?v=Dm9lDWhqk_M&feature=youtu.be
	LINEAR CONGRUENCE EXAMPLE	https://www.youtube.com/watch?v=Lh-DLdd7AV4&feature=youtu.be
	ALGEBRAIC STRUCTURE	https://www.youtube.com/watch?v=-5IJ1e18XyM&feature=youtu.be
	FACTORIZATION	https://www.youtube.com/watch?v=hYPFxgWrGz4&feature=youtu.be

	QUADRATIC CONGRUENCE,LOGARTHIMS AND EXPONTENTIALS	https://www.youtube.com/watch?v=BO7Y6PVT_-M&feature=youtu.be
	CHINESE REMAINDER THEOREM	https://www.youtube.com/watch?v=hPE-A_fVyOU&feature=youtu.be
	CHINESE REMAINDER THEOREM EXAMPLE	https://www.youtube.com/watch?v=hPE-A_fVyOU&feature=youtu.be
Unit 3	ut-3 digital signatures	**https://www.youtube.com/watch?v=Hh4tTF72oWA**
	ut-3 cryptographic hash functions	**https://www.youtube.com/watch?v=DKpj0CFjNhl**
	ut-3 hAsh function based on cipher block chaining	**https://www.youtube.com/watch?v=uLySMo8AVSU**
	ut-3 HMAC	**https://www.youtube.com/watch?v=p_jw3UnpJGA**
	ut-3 MAC	**https://www.youtube.com/watch?v=kLtq6ylQWXo**
	UT-3 SHA	**https://www.youtube.com/watch?v=sKvFQfPZ2TQ**
	UT-3 REQUIREMENTS AND SECURITY FOR CRYTOGRAPHIC	**https://www.youtube.com/watch?v=Mq_zr-2dwo4**
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UNIT 4	X.509 CERTIFICATE	https://www.youtube.com/watch?v=O6drpo_6diY
	PGP,MIME	https://www.youtube.com/watch?v=Wx-omLn8Eqg
	KEY MANAGEMENT & DISTRIBUTION	https://www.youtube.com/watch?v=KkU_IqUSODQ
	kerberos,remote user authentication,federated identity managemnet	https://www.youtube.com/watch?v=V-qtTYw8-zE
Unit 5	ut-5 security systems	https://youtu.be/vY4q9H7KKG0
	ut-5 ssl&tls	https://youtu.be/61Zhpd_isfE
	ut-5 SSH	https://youtu.be/xfF3d80-hhE
	UT-5 SA,SECURITY POLICY ,IKE	https://youtu.be/LWvTuXFfU7w
	UT-5 IP SEC	https://youtu.be/Rbu7G52thD8

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GRID AND CLOUD COMPUTING

Unit Number	Topic / Title	Video Link
Unit 1	Introduction to Distributed Systems	https://youtu.be/io3_6rQCY0I
	Scalable Computing Over the Internet	https://youtu.be/pJCW_uBQ80I
	Technologies for Networkbased Systems	https://youtu.be/8EqT2w5siso
	Systems Models for Distributed Computing	https://youtu.be/gPQnKb_kIGw
	Service Oriented Architecture (SOA)	https://youtu.be/dwzQ7FZOYOM
	Grid Architecture & Standards	https://youtu.be/cLkIk937DyE
Unit 2	Introduction to OGSA	https://youtu.be/4S65N7p2fHQ
	Motivation & OGSA Services	https://youtu.be/F7JavPpxsmc
	Functionality Requirements of OGSA	https://youtu.be/WorWkR1YA80
	Data Intensive Grid Service Models	https://youtu.be/EptHRhujdNc
	Practical View of OGSA/OGSI	https://youtu.be/uRUSQnJEQ_0
Unit 3	Cloud Computing Deployment Models	https://youtu.be/DngW5XYleIE
	Cloud Computing Servie Models	https://youtu.be/M6ySzBnpgT8
	Cloud Benefits, Drawback & Characterstics	https://youtu.be/Zo81R85H2iU
	Implementation levels of Virtualizaion	https://youtu.be/mQIxC0Y92iY
	Virtual Clusters & Data Centre Automation	https://youtu.be/zGQhKTU0-T8
Unit 4	Introduction to MiddleWare Packages	https://youtu.be/hpRTGSqhboo
	GT4 Architecture	https://youtu.be/4yLVzAubVhs
	Hadoop Introduction	https://youtu.be/_dcW1X_Vpkw
	Map Reduce part-1	https://youtu.be/0G1T1GbJkkk
	Map Reduce part-2	https://youtu.be/1KIKRNuN0BI
	Mapper Functions	https://youtu.be/f0ACXXLzUNg
	Reducer Functions IO split	https://youtu.be/e503x44v_Ik
	HDFS Concepts	https://youtu.be/vwRTwXSu9io
	Anatomy of File Read & Write	https://youtu.be/pi17ilC_Mlg
Unit 5	Trust Models	https://youtu.be/lS2-XFPsBAQ
	Authentication & Authorizaton	
	Grid security infrastructure	https://youtu.be/5DDl8L6C3So
	Cloud Infrastructure security	https://youtu.be/tBxAvqCMyRg

	aspects of data security, provider data and its security	https://youtu.be/WXWduEl_55k
	Identity and access management architecture (IAM)	https://youtu.be/yNloCuvS_h0

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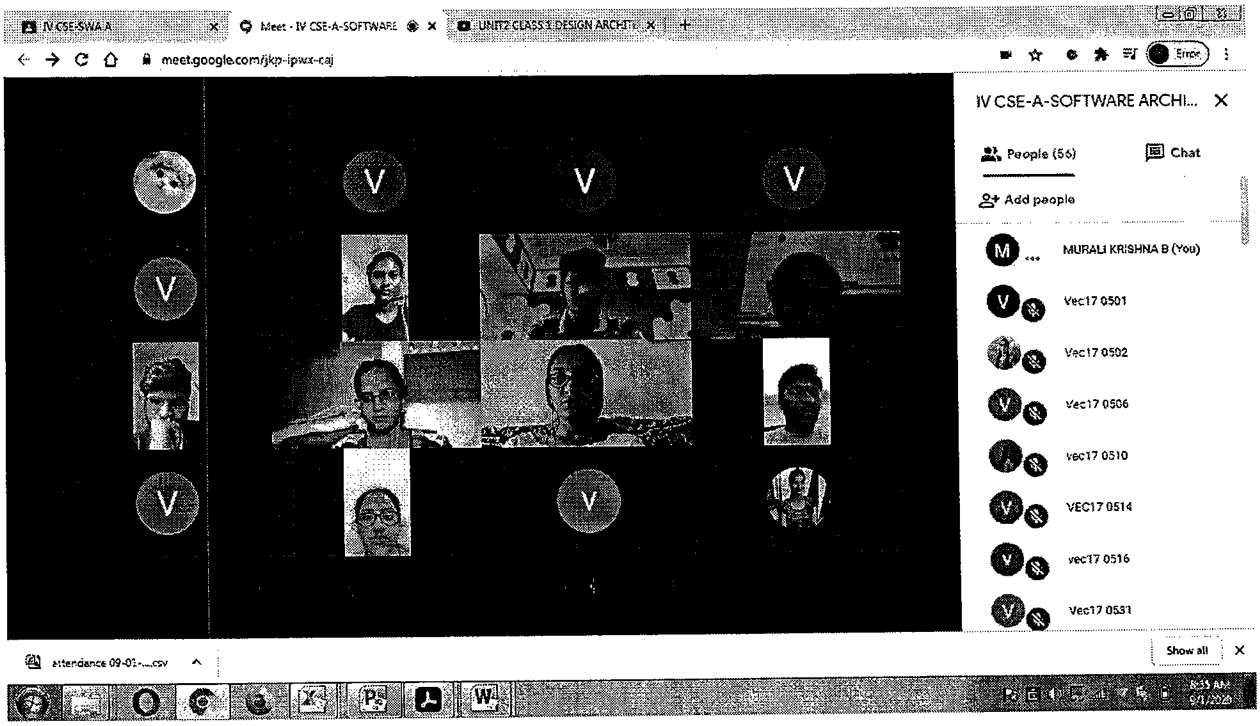
ONLINE CLASSES **AY:19-20**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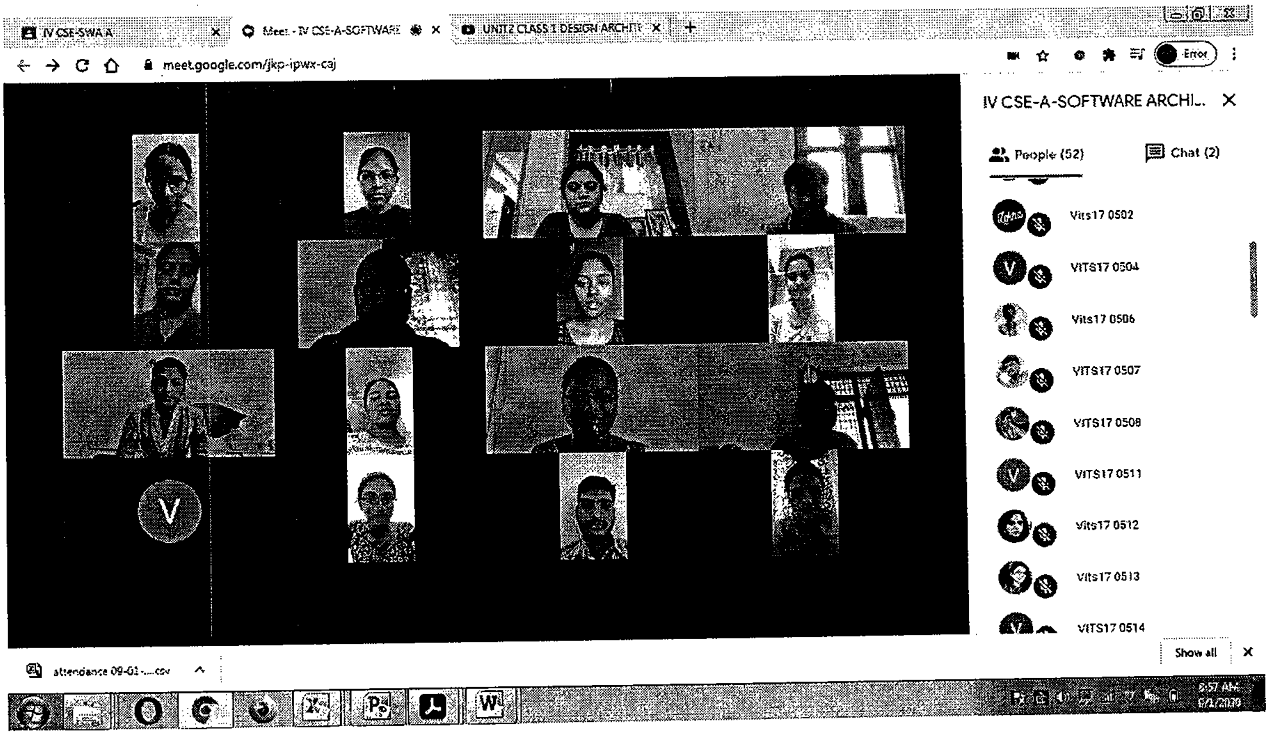
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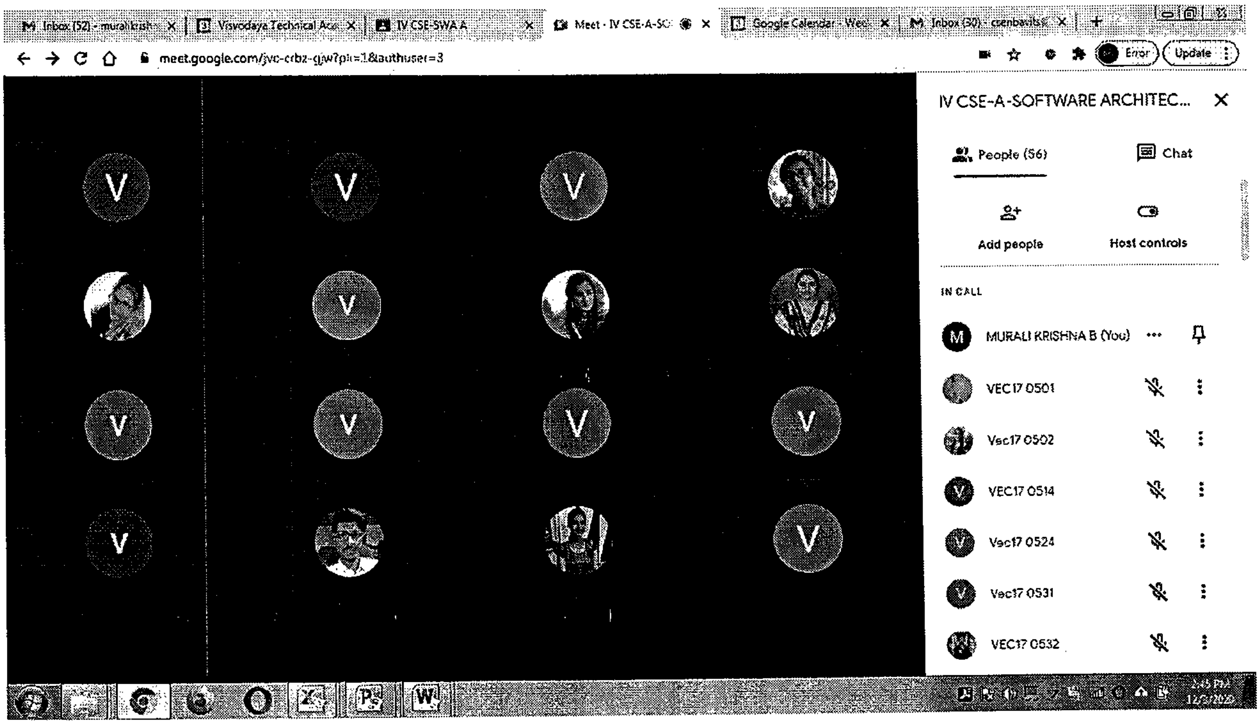
ONLINE CLASSES SUB:SOFTWARE ARCHITECTURE AY:19-20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Vec17 0531
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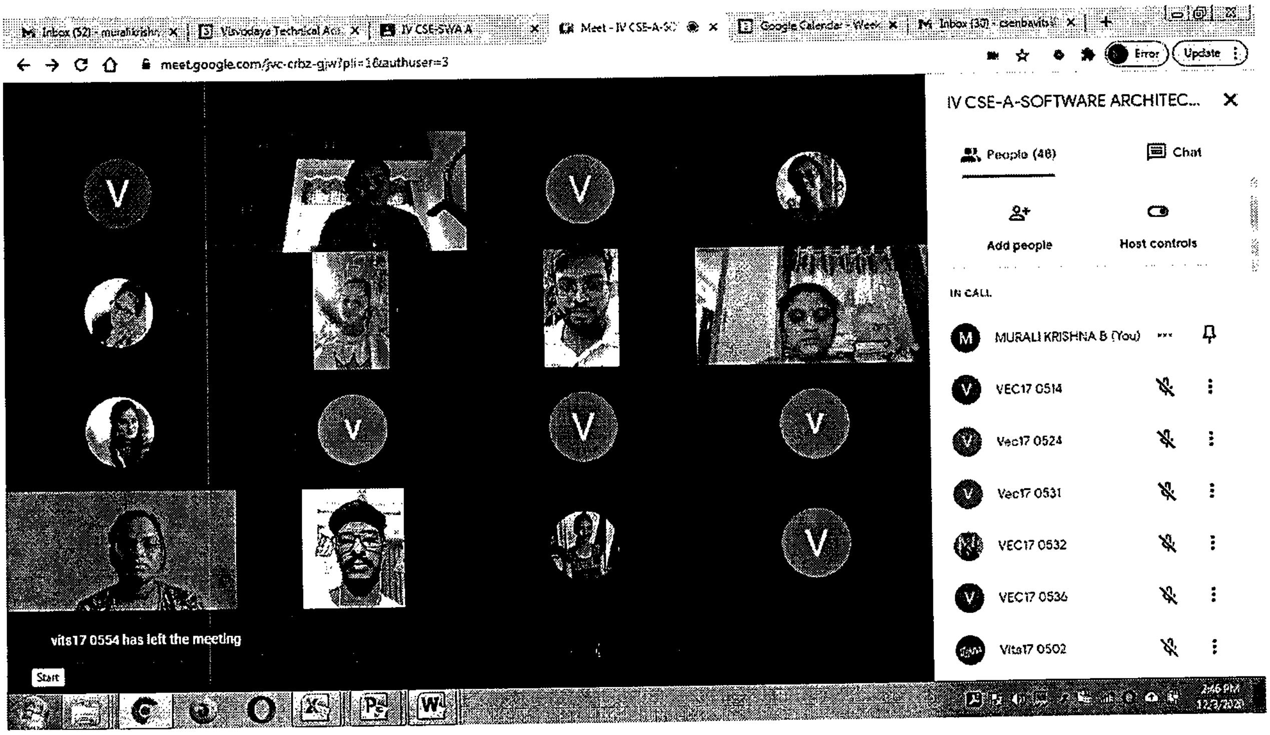
Inbox (52) - muralikrish
Visvodaya Technical Acc
IV CSE-SWA A
Meet - IV CSE-A-SC
Google Calendar - Wee
Inbox (30) - csenbavits
meet.google.com/jvc-crbz-gjw?pli=1&authuser=3
Error
Update
IV CSE-A-SOFTWARE ARCHITEC...
People (48)
Chat
Add people
Host controls
Start
2:46 PM
12/3/2020

vits17 0554 has left the meeting

IN CALL

MURALI KRISHNA B (You)
VEC17 0514
Vec17 0524
Vec17 0531
VEC17 0532
VEC17 0536
Vits17 0502

SOFTWARE ARCHITECTURE

TEXT BOOKS

1. Software Architectures in Practice , Len Bass, Paul Clements, Rick Kazman,2nd Edition,PearsonPublication.

2. Software Architecture, Mary Shaw and David Garlan, First Edition, PHI Publication,1996.

UNIT I: ENVISIONING ARCHITECTURE

What is software Architecture

- Software architecture refers to
- The fundamental structures of software system and the discipline of creating such structures and systems.
- which comprise software elements, relations among them, and properties of both.

PARVATHAREDDY BABUL REDDY
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

IV –I SEM GRID CLOUD COMPUTING AY:19-20

UNIT-I

Evolution of Distributed computing: Scalable computing over the Internet – Technologies for network based systems – clusters of cooperative computers - Grid computing Infrastructures – cloud computing - service oriented architecture – Introduction to Grid Architecture and standards – Elements of Grid – Overview of Grid Architecture.

DISTRIBUTED COMPUTING

Introduction:-

Distributed computing is a field of Computer Science that studies distributed systems.

A distributed system is a system in which it's hardware or software components are located at networked computers, communicate and coordinate their actions by message passing techniques in order to achieve a common goal.

Distributed system **consists of many machines working together** to provide some services or to implement some Applications which appears to its users as a "single coherent system".

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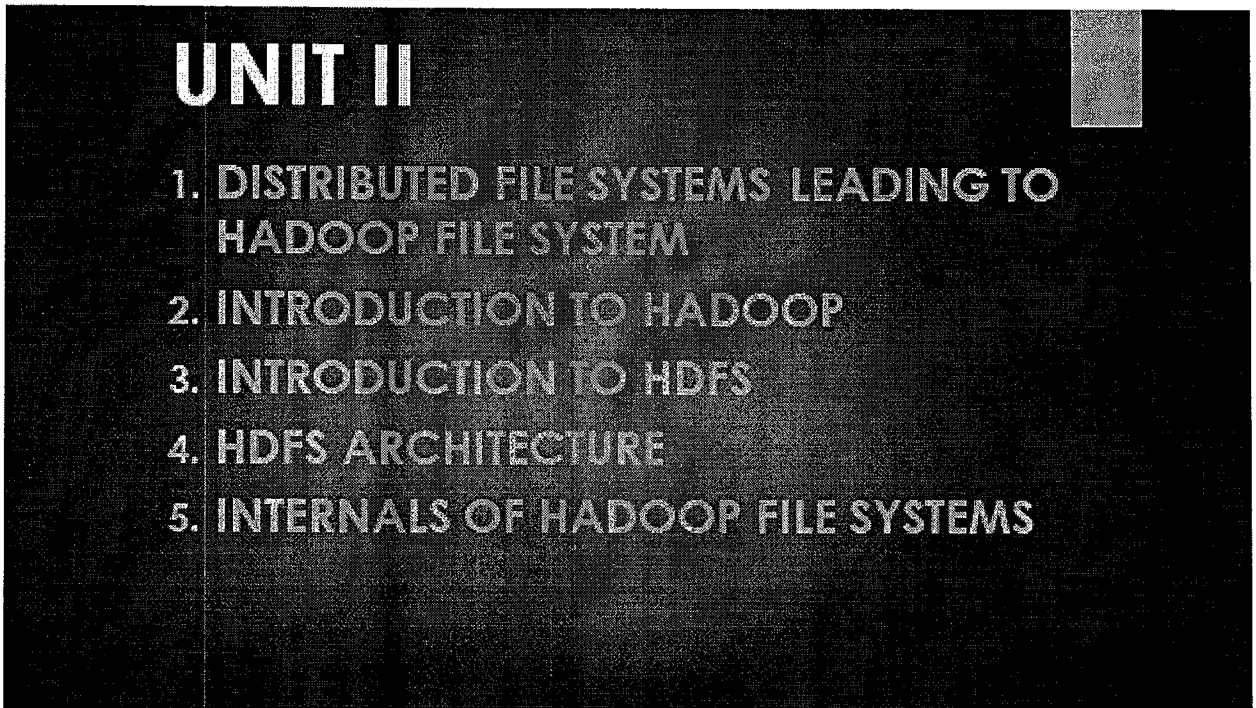
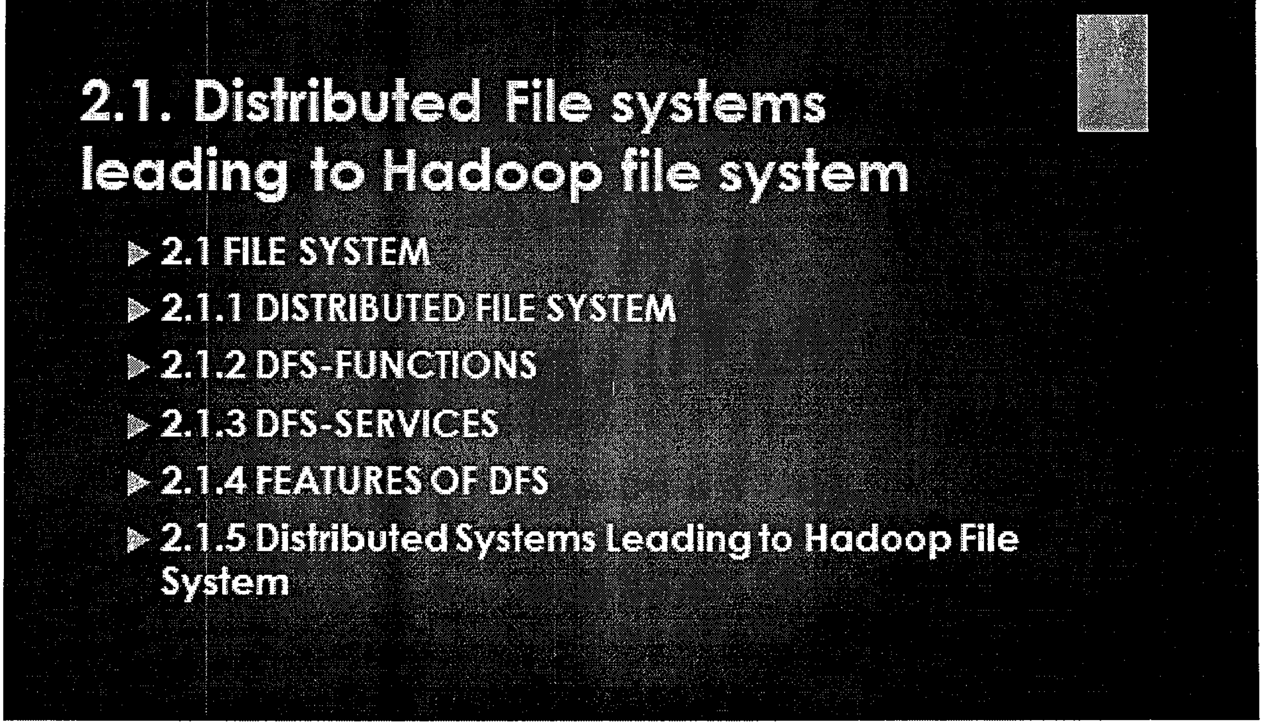


UNIT II

1. DISTRIBUTED FILE SYSTEMS LEADING TO HADOOP FILE SYSTEM
2. INTRODUCTION TO HADOOP
3. INTRODUCTION TO HDFS
4. HDFS ARCHITECTURE
5. INTERNALS OF HADOOP FILE SYSTEMS



2.1. Distributed File systems leading to Hadoop file system

- 2.1 FILE SYSTEM
- 2.1.1 DISTRIBUTED FILE SYSTEM
- 2.1.2 DFS-FUNCTIONS
- 2.1.3 DFS-SERVICES
- 2.1.4 FEATURES OF DFS
- 2.1.5 Distributed Systems Leading to Hadoop File System

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II.I SUB:DBMS

DATABASE MANAGEMENT SYSTEMS

- Database: Collection of related data
- Types of databases
  1. Traditional database(TDB)
     Ex : Student marks, Ticket reservation …etc
  2. Multimedia database(MDB)
     Ex : Images ,Videos , Audio

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DEPARTMENT OF BUSINESS ADMINISTRATION

YOUTUBE VIDEO LINKS

Department	Year	Subject	Topic	youtube channel link of video lectures
MBA	II	Financial Institutions & Services	FIS-1-1-The Structure of Indian financial system	https://www.youtube.com/watch?v=qdcmR5LQS2I
MBA	II	Financial Institutions & Services	FIS-1-2-Financial System & Economic Dvelopment	https://www.youtube.com/watch?v=POeCFmj4hJU
MBA	II	Financial Institutions & Services	FIS-1-3 -Reserve Bank of India	https://www.youtube.com/watch?v=Hcj3aJFd2Js
MBA	II	Financial Institutions & Services	FIS-1-4-Monetory Policy	https://www.youtube.com/watch?v=LS3Q82ciwNw&t=2s
MBA	II	Financial Institutions & Services	FIS-2-1-The Banking Institutions	https://www.youtube.com/watch?v=8Qi9veYlrTw
MBA	II	Financial Institutions & Services	FIS-2-2-Bank Capital & Banking Innovations	https://www.youtube.com/watch?v=uojS4T4uVeQ
MBA	II	Financial Institutions & Services	FIS-2-3-Mutual Funds & AMFI	https://www.youtube.com/watch?v=IknP8SshzY4
MBA	II	Financial Institutions & Services	FIS-2-4-Insurance Companies & IRDA	https://www.youtube.com/watch?v=I7xOAPY8o7Q
MBA	II	Financial Institutions & Services	FIS-3-1-Financial & Securities Markets	https://www.youtube.com/watch?v=ZyjaxlDEGIY
MBA	II	Financial Institutions & Services	FIS-3-2-Call Money Market	https://www.youtube.com/watch?v=EdgB1HfgkrA
MBA	II	Financial Institutions & Services	FIS-3-3-Treasury Bills Market	https://www.youtube.com/watch?v=cedzYbxvgNM
MBA	II	Financial Institutions & Services	FIS-3-4-Commercial Bills Market	https://www.youtube.com/watch?v=k7LgZTP653s
MBA	II	Financial Institutions & Services	FIS-3-5-Commercial Papers Market	https://www.youtube.com/watch?v=6GcPXVh_O7Q
MBA	II	Financial Institutions & Services	FIS-3-6-Certficate of Deposits Market	https://www.youtube.com/watch?v=Kg_5CXM3RvE
MBA	II	Financial Institutions & Services	FIS-3-7-Stock Exchange- Listing, Trading & Settlement	https://www.youtube.com/watch?v=d0GNSW2RymA
MBA	II	Financial Institutions & Services	FIS-3-8-SEBI	https://www.youtube.com/watch?v=XwveOVsZDz0
MBA	II	Financial Institutions & Services	FIS-4-1-Leasing	https://youtu.be/9FygOQj-n58
MBA	II	Financial Institutions & Services	FIS-4-2-Hire Purchase	https://youtu.be/s8MiYQmzfck
MBA	II	Financial Institutions & Services	FIS-4-3-Consumer Credit	https://youtu.be/fIlRBX4K1UY
MBA	II	Financial Institutions & Services	FIS-4-4-Factoring	https://youtu.be/8LzmWWemHL0
MBA	II	Financial Institutions & Services	FIS-4-5-Venture Capital	https://youtu.be/7u_pKX6e2w8
MBA	II	Financial Institutions & Services	FIS-4-6-Housing Finance	https://youtu.be/sXsG1Rny99E
MBA	II	Financial Institutions & Services	FIS-5-1-Stock Broking	https://youtu.be/S4pJLtd8Dxs
MBA	II	Financial Institutions & Services	FIS-5-2-Credit Rating	https://youtu.be/WXLc-UbEySo
MBA	II	Financial Institutions & Services	FIS-5-3-Merchant Banking	https://youtu.be/9Qk38EvfhsU
MBA	II	Financial Institutions & Services	FIS-5-4-Portfolio Services	https://youtu.be/o8CdN8IPCeI
MBA	II	Financial Institutions & Services	FIS-5-5-Underwriting	https://youtu.be/rWgiYOMqe5U
MBA	II	Financial Institutions & Services	FIS-5-6-Depository Services	https://youtu.be/khNsr6JZf6o
MBA	II	Investment & Portfolio Management	IPM-1-1-Investment- introduction	https://www.youtube.com/watch?v=RBb136iCbZo
MBA	II	Investment & Portfolio Management	IPM-1-2-Investment Process	https://www.youtube.com/watch?v=kJtpjTlhZFI
MBA	II	Investment & Portfolio Management	IPM-1-3-Investment & Speculation	https://www.youtube.com/watch?v=KlsJBKwDVUo

MBA	II	Investment & Portfolio Management	IPM-1-4-Introduction to stock Markets	https://www.youtube.com/watch?v=9r2j5Ivyaic&t=333s
MBA	II	Investment & Portfolio Management	IPM-2-1-Fundamental Analysis	https://www.youtube.com/watch?v=ocUHa7u_Otk
MBA	II	Investment & Portfolio Management	IPM-2-2-Technical Analysis	https://www.youtube.com/watch?v=AHYAM_HAPys
MBA	II	Investment & Portfolio Management	IPM-2-3-Fundamental Vs Technical Analysis	https://www.youtube.com/watch?v=-szyZ3tTTcY
MBA	II	Investment & Portfolio Management	IPM-2-4-Dow Theory	https://www.youtube.com/watch?v=EdiB_ImCaJQ
MBA	II	Investment & Portfolio Management	IPM-3-1-Revenue Return, Capital Appreciation & Holding	https://www.youtube.com/watch?v=2f4RyG9s9_U
MBA	II	Investment & Portfolio Management	IPM-3-2-Risk factors	https://www.youtube.com/watch?v=kUG4jRphkf8
MBA	II	Investment & Portfolio Management	IPM-3-3-Risk Classification	https://www.youtube.com/watch?v=S67s0HzPSS0
MBA	II	Investment & Portfolio Management	IPM-3-4-Caliculation of Return, SD, Variance & Beta	https://www.youtube.com/watch?v=yrOVhIOsKn0
MBA	II	Investment & Portfolio Management	IPM-4-1-Bond Valuation	https://www.youtube.com/watch?v=gLaXV7bEgks
MBA	II	Investment & Portfolio Management	IPM-4-2-Prference Share Valuation	https://www.youtube.com/watch?v=byyW6lAOrDY
MBA	II	Investment & Portfolio Management	IPM-4-3-Common Stock Valuation	https://www.youtube.com/watch?v=-G1bh7azNXw
MBA	II	Investment & Portfolio Management	IPM-5-1-Process of Portifolio Management	https://www.youtube.com/watch?v=YXCLVGJUQIw
MBA	II	Investment & Portfolio Management	IPM-5-2-Modern Portfolio Models	https://www.youtube.com/watch?v=a0nECayIfrQ
MBA	II	Investment & Portfolio Management	IPM-5-3-MarkoWitz Model	https://www.youtube.com/watch?v=C1_ssaHZMtA
MBA	II	Investment & Portfolio Management	IPM-5-4-Sharpe Single Index Model	https://www.youtube.com/watch?v=YEVYG8idelk
MBA	II	Investment & Portfolio Management	IPM-5-5-CAPM	https://youtu.be/IncxLlaZyY0
MBA	II	vertising & Sales Promotion Managem	ASPM-1-1-Advertising	https://www.youtube.com/watch?v=F_pwXakscMo&t=440s
MBA	II	vertising & Sales Promotion Managem	ASPM-1-2-Types of Advertising	https://www.youtube.com/watch?v=g5M8CBGGU0Y
MBA	II	vertising & Sales Promotion Managem	ASPM-1-3-Advertising Department & Manager	https://www.youtube.com/watch?v=A2LGLqOo6TM&t=11s
MBA	II	vertising & Sales Promotion Managem	ASPM-1-4-Marketing Mix	https://www.youtube.com/watch?v=CH2C7CUQpso
MBA	II	vertising & Sales Promotion Managem	ASPM-2-1-Advertising Agency	https://www.youtube.com/watch?v=EbmKpoGtS_M
MBA	II	vertising & Sales Promotion Managem	ASPM-2-2-Visual Layout	https://www.youtube.com/watch?v=prwaLlr2OwY
MBA	II	vertising & Sales Promotion Managem	ASPM-2-3-Art Work	https://www.youtube.com/watch?v=P0JEe5NSIDQ
MBA	II	vertising & Sales Promotion Managem	ASPM-2-4-Effective Use of Words	https://www.youtube.com/watch?v=7ESYkUmaJs
MBA	II	vertising & Sales Promotion Managem	ASPM-2-5- Devices to get greater Readership interelation	https://www.youtube.com/watch?v=RQyduRY03Vw
MBA	II	vertising & Sales Promotion Managem	ASPM-3-1-Advertising Budgets and Effectiveness	https://www.youtube.com/watch?v=3uvpg8hvyCM
MBA	II	vertising & Sales Promotion Managem	ASPM-3-2-Pre Testing & Post Testing	https://www.youtube.com/watch?v=foiyyqzJzIU
MBA	II	vertising & Sales Promotion Managem	ASPM-3-3-Experimental Designs	https://www.youtube.com/watch?v=RD8NWVNv048
MBA	II	vertising & Sales Promotion Managem	ASPM- 4-1-Sales Promotion	https://www.youtube.com/watch?v=0KaZbIwmdOg
MBA	II	vertising & Sales Promotion Managem	ASPM- 4-2-Consumer Promotion & Channel Promotion	https://www.youtube.com/watch?v=Nb5h2StH-lU
MBA	II	vertising & Sales Promotion Managem	ASPM-4-3-Timing Of Sales Promtion & Measurement of	https://www.youtube.com/watch?v=Mx_DLDK7dNA
MBA	II	vertising & Sales Promotion Managem	ASPM-4-4-Sales Promotion Budgeting	https://www.youtube.com/watch?v=xJJH23DxBa0
MBA	II	vertising & Sales Promotion Managem	ASPM-5-1-Publicity	https://www.youtube.com/watch?v=LTjUhb726Ok
MBA	II	vertising & Sales Promotion Managem	ASPM-5-2-Public Relations	https://www.youtube.com/watch?v=Xnx8kPk5lAo
MBA	II	vertising & Sales Promotion Managem	ASPM-5-3-Public Relations Officer	https://www.youtube.com/watch?v=uurn17wFsRk
MBA	II	Green Business Management	GBM 1 1.1 Intoduction	https://youtu.be/BW5WdaK70n8

MBA	II	Green Business Management	GBM 1 1.2 Nature & Scope of GBM	https://youtu.be/rPBJVJ_ZZDs
MBA	II	Green Business Management	GBM 1 1.3 Green Theory	https://youtu.be/I8R9RGuoWMs
MBA	II	Green Business Management	GBM 2 2.1 Organizational Environment	https://youtu.be/7k3FYak9JKo
MBA	II	Green Business Management	GBM 2 2.2 Spreading Green Concept	https://youtu.be/JaJDSrHtYes
MBA	II	Green Business Management	GBM 2 2.3 Life Cycle Analysis	https://youtu.be/FuzHHz76Uko
MBA	II	Green Business Management	GBM 2 2.4 Sustainable Production	https://youtu.be/Cr8xihg0ub0
MBA	II	Green Business Management	GBM 3 3.1 Ecological Economics	https://youtu.be/Co4KNoTY8dg
MBA	II	Green Business Management	GBM 3 3.2 Ecosystem Services	https://youtu.be/BmNbvai4RQA
MBA	II	Green Business Management	GBM 3 3.3 Bio Diversity	https://youtu.be/w1LuRxgelPY
MBA	II	Green Business Management	GBM 4 4.1 Environmental Reporting	https://youtu.be/KMCmCMSU6D0
MBA	II	Green Business Management	GBM 4 4.2 ISO 14064	https://youtu.be/N4xR1jDricQ
MBA	II	Green Business Management	GBM 4 4.3 Green Financing	https://youtu.be/Shs84qanKvk
MBA	II	Green Business Management	GBM 4 4.4 UNEP	https://youtu.be/7dUh6NDwZ0w
MBA	II	Green Business Management	GBM 4 4.5 Green Energy Mgmt	https://youtu.be/zOcE90DjMX4
MBA	II	Green Business Management	GBM 4 4.6 Green PLC	https://youtu.be/XQuy2vyMWbg
MBA	II	Green Business Management	GBM 5 5.1 Green Techniques	https://youtu.be/nAwzN-bHB7U
MBA	II	Green Business Management	GBM 5 5.2 Project Management	https://youtu.be/diT_WQvXcrg
MBA	II	Green Business Management	GBM 5 5.3 Eco Commerce	https://youtu.be/6GgaXaGFLMc
MBA	II	Human Resource Development	HRD 1 1.1 Introduction	https://youtu.be/GlWuKYlY6lU
MBA	II	Human Resource Development	HRD 1 1.2 HRM Functions	https://youtu.be/QT7nxt0am9s
MBA	II	Human Resource Development	HRD 1 1.3 HRD Functions	https://youtu.be/nV0qUKD1pT4
MBA	II	Human Resource Development	HRD 2 2.1 Need Assesment	https://youtu.be/NEUExa1kUmU
MBA	II	Human Resource Development	HRD 2 2.2 Prioritizing Needs	https://youtu.be/h0WABbAY5GQ
MBA	II	Human Resource Development	HRD 2 2.3 Training Methods	https://youtu.be/Scl6GmjoXK0
MBA	II	Human Resource Development	HRD 3 3.1 Implementation & Evaluation	https://youtu.be/f4oc6A_DW1k
MBA	II	Human Resource Development	HRD 3 3.2 Classroom Training	https://youtu.be/UgOswjDM9ik
MBA	II	Human Resource Development	HRD 3 3.3 Krikpatrick's Evalauation	https://youtu.be/dE6N3xn5GNI
MBA	II	Human Resource Development	HRD 4 4.1 Career Management	https://youtu.be/t-2ob3gO6jE
MBA	II	Human Resource Development	HRD 4 4.2 Career Development	https://youtu.be/pMVHPVabhrY
MBA	II	Human Resource Development	HRD 5 5.1 Diversity	https://youtu.be/3r4lVQc0UdU
MBA	II	Human Resource Development	HRD 5 5.2 Labour Market Changes	https://youtu.be/t24-0LLLDeg
MBA	II	Business Ethics & Corporate Governanc	BE&CG-1-1-IntroductionToBE&CG,Impotance&Functions	https://youtu.be/Okdmb97LGk0
MBA	II	Business Ethics & Corporate Governanc	BE&CG-1-2-UNETHICAL PRACTICES AND ETHICAL DILEMM	https://youtu.be/mDTVKhYT9GY
MBA	II	Business Ethics & Corporate Governanc	BE&CG-1-3-ETHICAL THEORIES AND APPROACHES MODERN DECISION-MAKING	https://youtu.be/wAeNxpSMECI
MBA	II	Business Ethics & Corporate Governanc	BE&CG-1-4-INDIAN ETHOS	https://youtu.be/V4okzrAQjgw
MBA	II	Business Ethics & Corporate Governanc	BE&CG-2-1-ETHICAL ASPECTS IN ORGANISATION -I - MARKETING ETHICS AND CONSUMER ETHICS	https://youtu.be/Pd7pfm1xHyY
MBA	II	Business Ethics & Corporate Governanc	BE&CG-2-2-ETHICAL ISSUES IN ADVERTISING	https://youtu.be/ill13k09seo