



# PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

Kamaraj Nagar, NH-67 - Ring Road, Nanjikkottai, Thanjavur - 613 006.

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## CERTIFICATE

This is to certify that PITS conducted **2100 Video Hours** during the last five years for implementing effective student centric methods in teaching learning process.

### Evidence Attached:

1. Copy of assessment record with video hour details

  
IQAC Coordinator

**PARISUTHAM INSTITUTE  
OF TECHNOLOGY & SCIENCE.**  
KAMARAJ NAGAR,  
NH67 RING ROAD,  
THANJAVUR - 613 006 (TN)

  
Vice Principal

**PARISUTHAM INSTITUTE  
OF TECHNOLOGY & SCIENCE.**  
KAMARAJ NAGAR,  
NH67 RING ROAD,  
THANJAVUR - 613 006 (TN)

  
Principal

**Dr.J.NIRMALA, M.Tech., Ph.D.,**  
Principal,  
Parisutham Institute of Technology & Science  
Thanjavur - 613 006.  
Tamilnadu, India.

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

P I T S ■ ■



Towards Excellence

## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : N. VAIRAMUTHU AP/AERO

Subject Code / Name : AES503 / AERODYNAMICS - II

Branch : AERONAUTICAL

Year / Semester : III / V

Academic Year : 2019-2020

**VIDEO**  
**VIDEO HOUR 1**

Date and Time	14-08-19 and 4.15 pm - 4.40 pm	
Units Covered in the Videos	Units 1 & 2	
Topics Covered in the Videos	Compressible flow, Shock waves	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
CO1	Velocity of Sound	5 minutes
CO1	Steady state flow	5 minutes
CO2	C-D Passage	5 minutes
CO2	Back Pressures	4 minutes
CO2	Shock waves Simulations	6 minutes.

**VIDEO HOUR 2**

Date and Time	12-09-19 and 4.15 - 4.40 pm	
Units Covered in the Videos	Units 3, 4 & 5	
Topics Covered in the Videos	Method of characteristics, Transonic flow Over wing	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
CO3	Expansion hodograph	3 minutes
CO3	Reflection of shocks	7 minutes
CO4	Rayleigh flows	5 minutes
CO5	Critical Mach number	3 minutes
CO5	Hypersonic flow	7 minutes,

**Guidelines :**

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	14-08-19 and 8.30 a.m - 8.55 a.m			
Units Covered	Units 1 & 2			
Objectives / Learning Outcomes Covered	Co <sub>1</sub> , Co <sub>2</sub>			
Quiz Master	N. Rajarajan			
Team	D.No	Name	Mark	Rank
Team A	7961	P. Jagannathan	12	II
	7903	C. Madheswaran		
Team B	7907	M. Pravin	10	III
	7910	R. Saranraj		
Team C	7904	S. Neerika Jayathri	15	I
	7905	S.K. Nitharshana Juvala		

TOP SCORER	7904	S. Neerika Jayathri
	7905	S.K. Nitharshana Juvala

## TECHNICAL QUIZ 2

Date and Time	12-09-19 and 8.30 am - 8.55 am			
Units Covered	Units 3, 4 & 5			
Objectives / Learning Outcomes Covered	Co <sub>3</sub> , Co <sub>4</sub> , Co <sub>5</sub>			
Quiz Master	R. SARO			
Team	D.No	Name	Mark	Rank
Team A	7961	P. Jagannathan	9	III
	7908	N. Rajarajan		
Team B	7907	M. Pravin	14	I
	7910	R. Saranraj		
Team C	7904	S. Neerika Jayathri	10	II
	7905	S.K. Nitharshana Juvala		

TOP SCORER	7907	M. Pravin
	7910	R. Saranraj

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : SIVAKUMAR.S / AERONAUTICAL

Subject Code / Name : AE6007 / FATIGUE AND FRACTURE

Branch : AERONAUTICAL ENGINEERING

Year / Semester : IV / VII

Academic Year : 2017 - 2018

**VIDEO**  
**VIDEO HOUR 1**

Date and Time	10-08-2017 / 8-30- <del>9-20</del> 4.15-5.05 PM	
Units Covered in the Videos	1	
Topics Covered in the Videos	Fatigue of structures	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
To know about the basic concept of fatigue and fracture & also its aspects.	Fatigue of Aircraft Structural Components	50 min

**VIDEO HOUR 2**

Date and Time	9-9-17 / 4.15 to 5.05 PM	
Units Covered in the Videos	4.5	
Topics Covered in the Videos	Safe life and fail safe design	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
To know about the concept of safe life and fail safe design philosophy.	Safe life & fail safe design in fatigue	50 min

**Guidelines :**

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

## TECHNICAL QUIZ

### TECHNICAL QUIZ 1

Date and Time	10-08-2017 / 8.30-9.20			
Units Covered	1			
Objectives / Learning Outcomes Covered	To know about the statistical aspects of fatigue.			
Quiz Master	P. VIJAY			
Team	D.No	Name	Mark	Rank
Team A	7601	R. Anandkumar	23	1
	7603	V. Anu		
Team B	7604	N. Gunaseelan	20	2
	7609	P. vijay		
Team C	7606	A. J. Riswana	18	3

TOP SCORER	7601	R. Anandkumar
	7603	V. Anu

### TECHNICAL QUIZ 2

Date and Time	9-9-17 / 8.30-9.20			
Units Covered	415			
Objectives / Learning Outcomes Covered	To know about the design of aircraft structural component.			
Quiz Master	P. VIJAY			
Team	D.No	Name	Mark	Rank
Team A	7601	R. Anandkumar	19	3
	7603	V. Anu		
Team B	7604	N. Gunaseelan	22	1
	7609	P. vijay		
Team C	7606	A. J. Riswana	20	2

TOP SCORER	7604	N. Gunaseelan
	7609	P. vijay

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PARISUTHAM INSTITUTE OF  
TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : E. Dhivyaarasan & Aeronautical.

Subject Code / Name : CE6452 / Solid Mechanics

Branch : Aeronautical.

Year / Semester : II year / II Semester.

Academic Year : 2016 - 2017.



## VIDEO

### VIDEO HOUR 1

Date and Time	12.08.16. and 4:15 to 5:05 P.M	
Units Covered in the Videos	Unit I & II	
Topics Covered in the Videos	Stress, Strain - Intro, Plane Truss Analysis, SFD & BMD.	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
Col	Stress, Strain and their Relations.	15 Minutes.
Col	Plane Truss Analysis	15 Minutes.
Col.	SFD & BMD.	20 Minutes.

### VIDEO HOUR 2

Date and Time	14.09.16. and 4:15 to 5:05 P.M	
Units Covered in the Videos	Units III, IV & V.	
Topics Covered in the Videos	Deflection of Beams, Torsion, Columns, Mohr's Circle.	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
Col	Deflection of Beams.	15 Minutes
Col	Torsion & Columns.	20 Minutes
Col	Mohr's Circle.	15 Minutes.

#### Guidelines :

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	12.08.16 and 8:35 to 9:20 A.M.			
Units Covered	Unit I & II			
Objectives / Learning Outcomes Covered	CO1 & Course Outcome.			
Quiz Master	PRAVEEN. N.			
Team	D.No	Name	Mark	Rank
Team A	7702	DIWYA. R.	26	I
	7703	GAYATHIRI. KANIMOZHI. V		
Team B	7704	GOPAL. R	18	II
	7710	MARIA SHARWIN JEFFREY. L		
Team C	7709	LOHA PRAJANNA. R.	14	III
	7717	VENKATESH. T.		

TOP SCORER	7702	DIWYA. R.
	7703	GAYATHIRI KANIMOZHI. V.

## TECHNICAL QUIZ 2

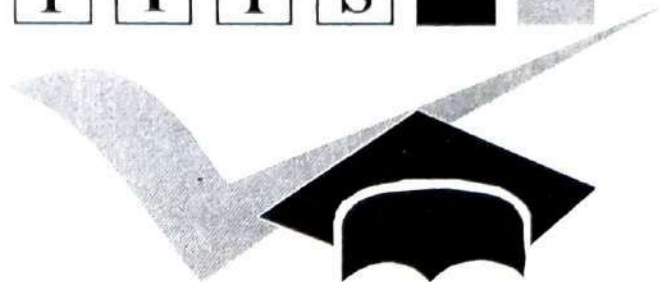
Date and Time	14.09.16 and 4:15 P.M to 5:05 P.M.			
Units Covered	Unit III, IV & V.			
Objectives / Learning Outcomes Covered	CO1			
Quiz Master	PRAVEEN. N			
Team	D.No	Name	Mark	Rank
Team A	7702	DIWYA. R.	22	I
	7703	GAYATHIRI KANIMOZHI. V.		
Team B	7710	MARIA SHARWIN JEFFREY. L.	14	II
	7717	VENKATESH. T.		
Team C	7713	PREETHI. S	24	I
	7714	SATWIKA. M		

TOP SCORER	7713	PREETHI. S
	7714	SATWIKA. M.

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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PARISUTHAM INSTITUTE OF  
TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : N. VAIRAMUTHU & AERONAUTICAL

Subject Code / Name : AEG503 / AERODYNAMICS -II

Branch : AERONAUTICAL

Year / Semester : III / V

Academic Year : 2016 - 2017

## VIDEO

### VIDEO HOUR 1

Date and Time	8-8-16 and 9 <sup>th</sup> Hour [4.15 - 5.05 P.M.]	
Units Covered in the Videos	Units 1 & 2	
Topics Covered in the Videos	Co <sub>1</sub> & Co <sub>2</sub> Compressible flows & Shock types	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
Co <sub>1</sub>	Steady 1-D flow	10
Co <sub>1</sub>	Area-Mach number Concept	7
Co <sub>2</sub>	Normal Shock waves	8
Co <sub>2</sub>	oblique shock waves	20
Co <sub>2</sub>	Boundary layer Interaction	10

### VIDEO HOUR 2

Date and Time	14-9-16 and 9 <sup>th</sup> Hour [4.15- 5.05 P.M.]	
Units Covered in the Videos	Units 3, 4 & 5	
Topics Covered in the Videos	2-D Compressible flows, Experimental Techniques	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
Co <sub>3</sub>	Linearized supersonic flow	10
Co <sub>3</sub>	Critical Mach number	20
Co <sub>3</sub>	Shock expansion	8
Co <sub>4</sub>	Wind tunnel working	7
Co <sub>4</sub>	Shock tube & Gun tunnels	10

#### Guidelines :

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

# TECHNICAL QUIZ

## TECHNICAL QUIZ I

Date and Time	8-8-16 and 1 <sup>st</sup> Hour [8-35-9.20]			
Units Covered	Units 1 & 2			
Objectives / Learning Outcomes Covered	CO <sub>1</sub> & CO <sub>2</sub>			
Quiz Master	ANU. V			
Team	D.No	Name	Mark	Rank
Team A	7601	R. ANAND KUMAR	13.5	I
Team B	7609	P. VIJAY	8	III
Team C	7606	V. KRISHNA PRIYA	11	II
	7607	A.J. RISWANA		

TOP SCORER	7601	R. ANAND KUMAR

## TECHNICAL QUIZ 2

Date and Time	14/9/16 and 1 <sup>st</sup> Hour [8-35-9.20 A.m]			
Units Covered	Units 3 to 5			
Objectives / Learning Outcomes Covered	CO <sub>3</sub> & CO <sub>4</sub>			
Quiz Master	V. Anu			
Team	D.No	Name	Mark	Rank
Team A	7604	N. Guna Seelan	11	III
Team B	7609	P. Vijay	14	II
Team C	7606	V. Krishnapriya	14.5	I
	7607	V. Anu		

TOP SCORER	7606	V. Krishna Priya
	7607	V. Anu

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : SVAKUMAR.S / AERONAUTICAL

Subject Code / Name : CE 6452 / SOLID MECHANICS

Branch : AERONAUTICAL ENGINEERING

Year / Semester : II / III

Academic Year : 2017 - 2018

**VIDEO  
VIDEO HOUR 1**

Date and Time	8-8-17 and 3-10 PM - 4:00 PM	
Units Covered in the Videos	Units 1, 2	
Topics Covered in the Videos	Method of Section and Joint, Beam Cot. 102	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
To know about the method of Section and Joint	Method of Joint and Method of Section in plane stress analysis.	50 min

**VIDEO HOUR 2**

Date and Time	4-9-17 and 3-10 PM - 4:00 PM	
Units Covered in the Videos	Units 4 and 5	
Topics Covered in the Videos	Torsion, Spring and Biaxial stress.	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
To know about the torsion, Spring and Biaxial stresses.	Torsion, Spring and Biaxial stresses	50 min

**Guidelines :**

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	8-8-17 and 8.35 AM - 9.20 AM			
Units Covered	Units 1, 2			
Objectives / Learning Outcomes Covered	To know about Introduction of Solid Mechanics. Co1, Co2 and Co3			
Quiz Master	S. Preyadharsini			
Team	D.No	Name	Mark	Rank
Team A	7801	V. Balasubramanian	21	I
	7807	S. Saravanan		
Team B	7802	C. Keesthona	23	I
	7805	D. Preethi		
Team C	7803	S. Naveen	13	III
	7811	TNR. Venkat Ramanan		

TOP SCORER	7802	C. Keesthona
	7805	D. Preethi

## TECHNICAL QUIZ 2

Date and Time	4-9-17, and 8.35 PM - 9.20 AM			
Units Covered	Units 4 and 5			
Objectives / Learning Outcomes Covered	To know about the torsion spring, column. Co1, Co2, Co3			
Quiz Master	D. Preethi			
Team	D.No	Name	Mark	Rank
Team A	7801	V. Balasubramanian	19	I
	7803	S. Naveen		
Team B	7807	S. Saravanan	14	II
	7811	TNR. Venkat Ramanan		
Team C	7809	M. Sivaranjani	18	II
	7808	D. Shalini		

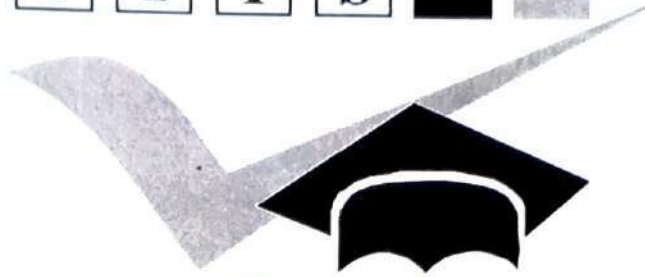
TOP SCORER	7801	V. Balasubramanian
	7808	D. Shalini



# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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Towards Excellence

PARISUTHAM INSTITUTE OF  
TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : G. PRASATH / AERONAUTICAL

Subject Code / Name : AE 6301 / AERO ENGG. THERMO  
- DYNAMIS

Branch : AERONAUTICAL

Year / Semester : II / III SEM

Academic Year : 2016-17

## VIDEO

### VIDEO HOUR 1

Date and Time	08.08.2016 to 4.15 P.M to 5.05 P.M	
Units Covered in the Videos	Units 1 & 2	
Topics Covered in the Videos	first law of TD & Entropy	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
CO <sub>1</sub>	Entropy	20
CO <sub>1</sub>	Entropy - properties.	10
CO <sub>2</sub>	first law	10
CO <sub>1</sub>	SFEE	7
CO <sub>1</sub>	Application of first law	3

### VIDEO HOUR 2

Date and Time	14.9.2016 / 4.15 P.M to 5.05 P.M	
Units Covered in the Videos	Unit 4 and Unit 5	
Topics Covered in the Videos	Rankine cycle / Heat transfer.	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
CO <sub>1</sub>	→ Rankine cycle-working & application	30
CO <sub>2</sub>	→ Heat transfer	20

#### Guidelines :

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	08.08.16 / 8.35 to 9.20 A.M			
Units Covered	Unit 1 & 2			
Objectives / Learning Outcomes Covered	CO1			
Quiz Master	T. Venkatesh - 7717			
Team	D.No	Name	Mark	Rank
Team A	7703	Gayathri Kanimozhi.K	15	I
	7705	Hayuthun Nisha.I		
Team B	7702	Divya.R	11	III
	7704	Gopal.R		
Team C	7709	Loga Prasanna.R	10	II
	7710	Mariya Sherwin.L		

TOP SCORER	7703	Gayathri Kanimozhi.K
	7705	Hayuthun Nisha.I

## TECHNICAL QUIZ 2

Date and Time	14.9.2016 & 8.35 to 9.20 P.M			
Units Covered	Unit - 3 & 5			
Objectives / Learning Outcomes Covered	CO2			
Quiz Master	T. Venkatesh - 7717			
Team	D.No	Name	Mark	Rank
Team A	7703	Gayathri Kanimozhi.K	16	I
	7705	Hayuthun Nisha.I		
Team B	7702	Divya.R	12	III
	7704	Gopal.P		
Team C	7709	Loga Prasanna.R	15	II
	7710	Mariya Sherwin.L		

TOP SCORER	7703	Gayathri Kanimozhi.K
	7705	Hayuthun Nisha.I

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : A. GOVANDAN

Subject Code / Name : CE6701 - Structural Dynamics A  
Earthquake Engineering.

Branch : CIVIL

Year / Semester : IV / VII

Academic Year : 2019 - 2020

**VIDEO  
VIDEO HOUR 1**

Date and Time	12/8/19 Δ (4.15 - 4.40 PM)	
Units Covered in the Videos	I & II	
Topics Covered in the Videos	S DOF & 2 DOF, Basic Concept of Dynamics.	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
Basic Concept of Single & Two Degree of Freedom.	Dampers. Stiffness application. Tectonic plates. Base isolation.	14 min. 7 min. 12 min. 8 min.

**VIDEO HOUR 2**

Date and Time	10/9/19 Δ (4.15 - 4.40 PM)	
Units Covered in the Videos	III & IV	
Topics Covered in the Videos	Element of Seismology.	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
Basic Concept & Causes of Earthquake	Seismogram. Tectonic plate Fault P & S waves.	12 min. 18 min. 21 min. 14 min.

**Guidelines :**

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	12-08-19 X [8:30am - 9:20am]			
Units Covered	UNIT - I & II			
Objectives / Learning Outcomes Covered	Single degree of freedom system & Two degree of freedom system			
Quiz Master	T. Arthi			
Team	D.No	Name	Mark	Rank
Team A	5802	M. Anusha	4	II
	5835	M. Yuvashri		
Team B	5826	V. Vidhyapriya	6	I
	5827	S. Vidhya		
Team C	5807	G. Growtham	3	III
	5865	G. Pragadheeswaran		

TOP SCORER	5826	V. Vidhyapriya
	5827	S. Vidhya

## TECHNICAL QUIZ 2

Date and Time	10-09-19 X [8:30am - 9:20am]			
Units Covered	UNIT - III & IV			
Objectives / Learning Outcomes Covered	Element of Seismology			
Quiz Master	S. Philipraj			
Team	D.No	Name	Mark	Rank
Team A	5829	B. Vijayatha	6	II
	5836	M. Vaishali		
Team B	5801	V.K. Anooosha	6	II
	5826	V. Vidhyapriya		
Team C	5821	T. Sabarukrishnan	7 1/2	I
	5861	B. Arunkumar		

TOP SCORER	5821	T. Sabarukrishnan
	5861	B. Arunkumar

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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Towards Excellence

## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : Dr. M. KANWANI CIVIL

Subject Code / Name : CE8351 / SURVEYING

Branch : CIVIL

Year / Semester : II/III

Academic Year : 2019-2020

## VIDEO VIDEO HOUR 1

Date and Time	14/08/2019 & 1.35pm to 2.00pm	
Units Covered in the Videos	I & II	
Topics Covered in the Videos	Chaining, Compass & Levelling surveying.	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
Levelling - CO1.	Levelling and surveying	05:43 minutes.
Chaining - CO1.	2 Peg Test OPEN BUILDING	05:26 minutes.
Chain surveying - CO1. Plane Table	Surveying Using Rangefinder, Chaining & Plane Table	15:56 minutes
Contour Plan - E02	Making Contour plan	02:41 minutes.

14/08/19

## VIDEO HOUR 2

Date and Time	12/09/2019 & 1.35pm to 2.00pm.	
Units Covered in the Videos	III, IV & V	
Topics Covered in the Videos	Hydrographic surveying, Astronomical surveying, GPS surveying, Total station surveying & control surveying	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
Hydro survey - CO4	Hydrographic surveying	05:05 minutes
Astronomical survey - CO4	Terms used in Astronomical surveying	10:51 minutes.
Total station survey - CO5	Total station surveying	06:44 minutes.
GPS survey - CO5	GPS Survey Equipment	02:55 minutes.
Control surveying - CO3	Establishing Control points	04:36 minutes.

12/09/19

### Guidelines :

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.



# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	14/08/2019 & 8.30am to 8.55am			
Units Covered	I & II			
Objectives Learning Outcomes Covered	Outcomes covered about chain, compass levelling & theodolite surveying.			
Quiz Master	5001 & T. ANJALI			
Team	D.No	Name	Mark	Rank
Team A	5009	KOWSHIKA .R	08	I
	5015	PRAPALYA .S		
Team B	5016	SHEIK ABDULLA .H	06	III
	5021	VENKATRAJ .R		
Team C	5019	SUJITH .K	07	II
	5017	SIVA PRASAD .M		

TOP SCORER

5009	KOWSHIKA
5015	PRAPALYA

## TECHNICAL QUIZ 2

Date and Time	12/09/2019 & 8.30am to 8.55am			
Units Covered	II & IV & V			
Objectives Learning Outcomes Covered	Outcomes covered about hydrographus survey, GPS, Astronomical and Total station surveying & contour surveying.			
Quiz Master	5009 & KOWSHIKA .R			
Team	D.No	Name	Mark	Rank
Team A	5018	SONA .R	10	I
	5020	SWATHI .R		
Team B	5014	PAUL IMRISH .A	08	III
	5006	FANTIN JESHANTH .A		
Team C	5005	EZEKKIEL .D	09	II
	5019	SUJITH .K		

TOP SCORER

5018	SONA .R
5020	SWATHI .R

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)



## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : V ABIRAMI

Subject Code / Name : CE 8501 - Design of Reinforced Cement Concrete Elements

Branch : CIVIL ENGINEERING

Year / Semester : III / II

Academic Year : 2019 - 2020

## VIDEO VIDEO HOUR 1

Date and Time	14.8.19 (4.40 to 5.05)	
Units Covered in the Videos	I & II	
Topics Covered in the Videos	Working stress & Limit state Method	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
To know about various methods of design	WBM design steps	10 min
	Limit state procedure in calculation	15 min
	properties of concrete & reinforcing steel	22 min

14/8/19

## VIDEO HOUR 2

Date and Time	12.9.19 (4.10 to 5.05pm)	
Units Covered in the Videos	III & IV	
Topics Covered in the Videos	Design of column & Design of slabs & staircases	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
Basic in design & construction	Analysis & design of simply supported beam	26 min
	Types of staircase	21 min
	Types of column & construction procedure	18 min

12/9/19

### Guidelines :

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	14.8.19 (8.30 to 8.55am)			
Topics Covered	I & II			
Topics Covered	Properties of P.C.C & R.C.C & Working stress method			
Quiz Master				
Team	D.No	Name	Mark	Rank
Team A	5906	J. Haritharan	8	II
	5926	Vasantha Kumar		
Team B	5916	Prasitha T	9	I
	5923	Suetha M		
Team C	5961	V. Akash	7	III
	5925	M. Tamil selvam		

TOP SCORER

5916

Prasitha T

5923

Suetha M

## TECHNICAL QUIZ 2

Date and Time	12.9.19 (8.30 to 8.55am)			
Topics Covered	II &			
Topics Covered	Column & Design of slab			
Quiz Master				
Team	D.No	Name	Mark	Rank
Team A	5911	M. Nethaji	7	II
	5901	M. Athiram		
Team B	5929	Syed Raffudin	7	II
	5964	Ravindran R		
Team C	5917	Praveen Kumar	8	I
	5909	Karthick		

TOP SCORER

5917

Praveen Kumar

5909

Karthick

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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Towards Excellence

## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : SUJITHA MAGIDALENE - P/CIVIL

Subject Code / Name : CE8403 - APPLIED HYDRAULIC ENGINEERING

Branch : CIVIL ENGINEERING

Year / Semester : II/IV

Academic Year : 2018 - 2019

## VIDEO VIDEO HOUR 1

Date and Time	29.01.2019 and 4.15 pm - 4.40 pm.	
Units Covered in the Videos	UNIFORM FLOW AND GRADUALLY VARIED FLOW	
Topics Covered in the Videos	TYPES OF FLOW, PROPERTIES OF OPEN CHANNEL, CONCEPT OF SPECIFIC ENERGY, TYPES OF FLOW PROFILES	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
TO IMPART THE KNOWLEDGE ABOUT UNIFORM FLOW, GRADUALLY VARIED FLOW AND RAPIDLY VARIED FLOW	TYPES OF FLOW PROFILES	05 : 00
	PROPERTIES OF OPEN CHANNEL	10 : 00
	CONCEPT OF SPECIFIC ENERGY	05 : 00
	VARIOUS TYPES OF FLOWS	05 : 00

29/01/19

## VIDEO HOUR 2

Date and Time		
Units Covered in the Videos		
Topics Covered in the Videos		
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
	NOT COMPLETED	

### Guidelines :

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	29.01.2019 and 8.55 am - 9.20 am.			
Units Covered	UNIFORM FLOW AND GRADUALLY VARIED FLOW.			
Objectives / Learning Outcomes Covered	TO IMPART THE KNOWLEDGE ABOUT UNIFORM FLOW, GRADUALLY VARIED FLOW AND RAPIDLY VARIED FLOW			
Quiz Master	SWARNALAKSHMI			
Team	D.No	Name	Mark	Rank
Team A	5916	PRASITHA	9	<u>I</u>
	5923	SWETHA		
Team B	5927	PRAVEEN	8	<u>III</u>
	5909	KARTHICK		
Team C	5926	VASANTHA KUMAR	8.5	<u>II</u>
	5961	AKASH		

TOP SCORER	5916	PRASITHA
	5923	SWETHA

## TECHNICAL QUIZ 2

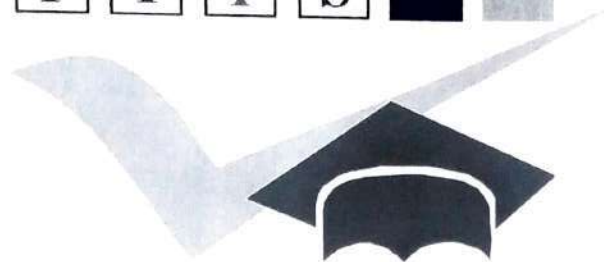
Date and Time				
Units Covered				
Objectives / Learning Outcomes Covered				
Quiz Master				
Team	D.No	Name	Mark	Rank
Team A				
Team B				
Team C				

TOP SCORER		

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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Towards Excellence

## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : SUJITHA MAGDALENE .P / CIVIL ENGINEERING  
CE6601 / DESIGN OF REINFORCED CONCRETE

Subject Code / Name : AND BRICK MASONRY STRUCTURES

Branch : CIVIL ENGINEERING

Year / Semester : III / VI

Academic Year : 2018 - 2019



**VIDEO**  
**VIDEO HOUR 1**

Date and Time	28.01.2019 and 4.15pm - 4.40pm.	
Units Covered in the Videos	BRICK MASONRY AND YIELD LINE THEORY.	
Topics Covered in the Videos	Types of bricks, masonry beams, various yield line patterns, various collapse of slabs.	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
KNOWLEDGE ABOUT BRICK MASONRY AND CONCEPT OF YIELD LINE CHARACTERISTICS FOR VARIOUS SLABS.	VARIOUS TYPES OF BRICKS	05 : 20
	CLASSIFICATION OF WALLS	07 : 15
	YIELD LINE PATTERNS FOR DIFFERENT SLABS	10 : 25
	ULTIMATE COLLAPSE OF VARIOUS SLABS	02 : 00

**VIDEO HOUR 2**

Date and Time		
Units Covered in the Videos		
Topics Covered in the Videos		
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
	NOT CONDUCTED	

**Guidelines :**

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

Date and Time
Units Covered
Objectives / Learning Outcomes
Quiz Master
Team
Team A
Team B
Team C

TOP SCORE

Date and Time
Units Covered
Objectives / Learning Outcomes
Quiz Master
Team
Team A
Team B
Team C

TOP SCORE

# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	08-01-2019 and 8:30am - 8:55am			
Units Covered	BRICK MASONRY AND YIELD LINE THEORY			
Objectives / Learning Outcomes Covered	Knowledge about Brick masonry and concept of yield line characteristics for various slabs.			
Quiz Master	MURUGESWAR. G.			
Team	D.No	Name	Mark	Rank
Team A	5813	PAVITHRA	5	II
	5809	VIDHYA		
Team B	5803	ARIVUSUDAR	6	I
	5804	ARTHI		
Team C	5801	ANDOSHYA	4	III
	5806	VIDHYA PRIYA		

TOP SCORER	5803	ARIVUSUDAR
	5804	ARTHI

*28/1/19*

## TECHNICAL QUIZ 2

Date and Time				
Units Covered				
Objectives / Learning Outcomes Covered				
Quiz Master				
Team	D.No	Name	Mark	Rank
Team A				
Team B				
Team C				

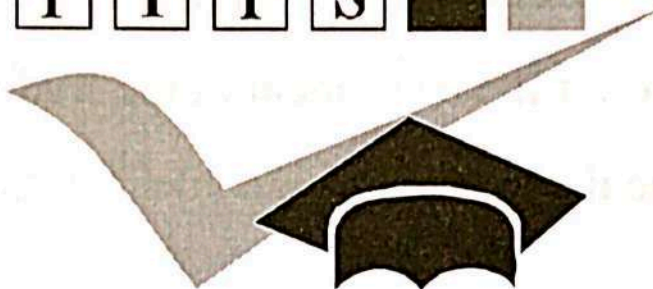
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TOP SCORER		

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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Towards Excellence

## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : MS. M. MSNEHA PRIYA . AC/CSE

Subject Code / Name : CS8851-DIGITAL PRINCIPLES AND SYSTEM  
DESIGN

Branch : CSE

Year / Semester : II / III

Academic Year : 2019 - 2020

**VIDEO**  
**VIDEO HOUR 1**

Date and Time	12/11/19 and 1:30 pm to 4:55 pm	
Units Covered in the Videos	1, 2	
Topics Covered in the Videos	Guine Mc-Cluskey method, Adder	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
CO1, CO2	Guine Mc-Cluskey method	15 minutes 20 seconds
	Half Adder	8 minutes 10 seconds
	Full Adder	9 minutes 50 seconds
	Cassey Lec ahead adder	5 minutes 2 seconds

**VIDEO HOUR 2**

Date and Time	12/19/19 and 1:35 to 4:55 pm	
Units Covered in the Videos	3, 5	
Topics Covered in the Videos	Design of synchronous sequential circuit, PLA Problem	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
CO3, CO5	Design of synchronous sequential circuit	15 minutes 2 seconds
	PLA problem	4 minutes 30 seconds

**TECHNICAL QUIZ**  
**TECHNICAL QUIZ 1**

Date and Time	12/18/19 and 8:30 pm to 2:55 am		
Units Covered	1, 2		
Objectives / Learning Outcomes Covered	CO1, CO2		
Quiz Master	2034 THIRUMURUGAN . K		
Team	D.No	Name	Mark
Team A	2007	DEVESH ERT . A	8
	2021	PRENIDIV.G	
	2022	FREETHA.G	7
Team B	2028	SAKTHI KAMATCHI.B	7
	2004	ANISHA.G	
	2036	VISHNUP.V.M	9
Team C			

TOP SCORER	2004 ANISHA.G
	2036 VISHNUP.V.M

**TECHNICAL QUIZ 2**

Date and Time	12/19/19		
Units Covered	3, 5		
Objectives / Learning Outcomes Covered	CO3, CO5		
Quiz Master	2019 - NEDESH AURBIND R		
Team	D.No	Name	Mark
Team A	2030	SONUNDAKKA.B.N	4
	2035	VISHALI.S	
	2005	BHUVAN.B	5
Team B	2024	RAHUL.R	
	2023	RACHINVI.S	
	2032	SUVIDA.A	3
Team C			

TOP SCORER	2005 BHUVAN.B
	2024 RAHUL.R

**Guidelines :**

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

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## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : G1. SHERIFA & AP/CSE  
S. VISHNIKA VENI & AP/CSE

Subject Code / Name : CS8592 / OBJECT ORIENTED ANALYSIS  
AND DESIGN

Branch : CSE

Year / Semester : III / V

Academic Year : 2019 - 2020

## VIDEO VIDEO HOUR 1

Date and Time	14/11/19 and 4:40 pm - 5:55 pm.	
Units Covered in the Videos	Unit I, II.	
Topics Covered in the Videos	Introduction to OOPS, Sequence, class diagram.	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
CO3, CO4, CO5	1) Introduction to OOPS	7 mins.
	2) How to draw UML Use case diagram	11 mins.
	3) UML Behavioural diagram	9 mins

## VIDEO HOUR 2

Date and Time	10/9/19 and 4:40 pm - 5:05 pm	
Units Covered in the Videos	Unit III, IV, V	
Topics Covered in the Videos	Sequence diagram, class diagram, Mapping design to code.	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
CO3, CO4, CO5	system sequence diagram	4 mins 2 sec
	class diagram	3 mins 5 sec
	mapping design to code	6 mins 3 sec
	Types of OO testing	7 mins 0 sec
	component and deployment diagram.	5 mins 2 sec

## TECHNICAL QUIZ TECHNICAL QUIZ 1

Date and Time	14/11/19 and 2:55 - 3:20 am.		
Units Covered	I, II.		
Objectives / Learning Outcomes Covered	CO1, CO2		
Quiz Master	2918 - PARRAVI		
Team	D.No	Name	
Team A	2906	R. ARAVINDHAN	
	2920	P. PRAVEEN	
Team B	2905	H. SNEHA	
	2928	H. THARUNA	
Team C	2923	SENANUSA DEVI	
	2926	A. PRIYADHARSHINI	
		Mark	
		Rank	
		7	II

### TOP SCORER

2906	R. ARAVINDHAN
2920	P. PRAVEEN

## TECHNICAL QUIZ 2

Date and Time	10/9/19 and 8:55 - 9:20 am		
Units Covered	III, IV, V		
Objectives / Learning Outcomes Covered	CO3, CO4, CO5		
Quiz Master	2918 - A. PARRAVI		
Team	D.No	Name	
Team A	2925	SNEHA.M	
	2923	SEKHANA DEVI.S	
Team B	2906	ARAVINDHAN. R.A	
	0920	PRAVEEN.P	
Team C	2936	PRIYADHARSHINI.A	
	2928	THARUNA.M	
		Mark	
		Rank	
		7	I
		5	II

### TOP SCORER

2925	SNEHA.M
2923	SEKHANA DEVI.S
2906	ARAVINDHAN. R.A
2920	PRAVEEN.P

### Guidelines :

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

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## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : M. MANIKANDAN / AP/CSE

Subject Code / Name : IT6801 - SOA

Branch : CSE

Year / Semester : IV / VII

Academic Year : 2019 - 2020

**VIDEO  
VIDEO HOUR 1**

Date and Time	12.08.2019 and 4:40 to 5:05	
Units Covered in the Videos	1, 2, 3	
Topics Covered in the Videos	Introduction of XML, SOAP	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
	HTML, XML	10mins
	SOAP Introduction Architecture of SOAP	10mins 5mins

**VIDEO HOUR 2**

Date and Time	10.09.19 and 4:40 to 5:05	
Units Covered in the Videos	4, 5	
Topics Covered in the Videos	WSDL, WS-policy, Service Modeling	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
	WSDL Method	10mins
	WS-security WS-Service Modeling	10mins 5mins

**Guidelines :**

1. Introduction to be given before screening the video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

**TECHNICAL QUIZ  
TECHNICAL QUIZ 1**

Date and Time	12.08.2019 and 8:30 to 8:55		
Units Covered	1, 2, 3		
Objectives / Learning Outcomes Covered	101, 102, 103		
Quiz Master	T. Kavaya (2822)		
	Team	Name	Mark
Team A	2810	Bairunda.S	6
	2808	Atchaya.M	6
	2848	Vignashank.K	6
Team B	2837	Radhika.M	6
	2851	Viswar.ARB	3
Team C	2835	Prakash.P	3
<b>TOP SCORER</b>	2810	Bairunda.S	<b>II</b>
	2808	Atchaya.M	
	2848	Vignashank.K	
	2837	Radhika.M	
	2851	Viswar.ARB	
	2835	Prakash.P	

**TECHNICAL QUIZ 2**

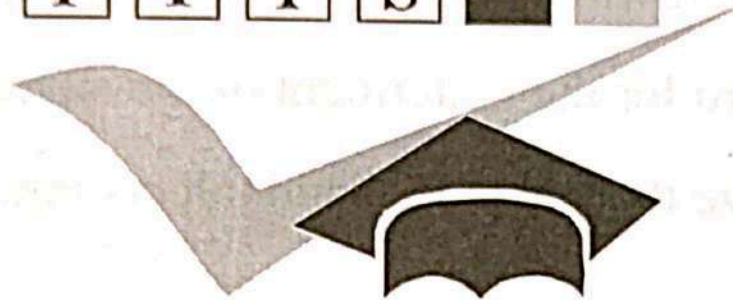
Date and Time	10.09.19 and 8:30 to 8:55		
Units Covered	4, 5		
Objectives / Learning Outcomes Covered	104, 105		
Quiz Master	T. Kavaya (2822)		
	Team	Name	Mark
Team A	2810	Bairunda.S	6
	2808	Atchaya.M	6
	2807	Anthi.R	6
Team B	2815	Hemasiseela.S	6
	2854	Hamilandam.M	3
Team C	2852	Yagamorthy.M	3
<b>TOP SCORER</b>	2810/2808	Bairunda.S, Atchaya.M	<b>I</b>
	2807, 15	Anthi.R, Hemasiseela.S	



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## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : R. KALAI SELVAN & CSE

Subject Code / Name : CS6007 / Information Retrieval

Branch : CSE

Year / Semester : IV year / VII SEM

Academic Year : 2017 - 2018.

**VIDEO  
VIDEO HOUR 1**

Date and Time	10/08/17 and 4:15 P.m to 5:05 P.m 1, 2	
Units Covered in the Videos	History IR, Search engine framework, IR and web crawling	
Topics Covered in the Videos	Boolean and vector model, TF-IDF weighting	
Objectives / Learning Outcomes Covered	Titles of the Video	
	Duration of the Video	
CO1	History of IR	05 min
CO1	Components of IR	10 min
CO1	Search Engine architecture	09 min
CO1	IR vs web search	05 min
CO2	Boolean and vector model	15 min
CO2	Space model	06 min
CO2	Cosine similarity	
CO2	Term weighting	06 min

**VIDEO HOUR 2**

Date and Time	07/09/17 and 4:15 P.m to 5:05 P.m 3, 4	
Units Covered in the Videos	Web search architecture, web crawling, cross language	
Topics Covered in the Videos	IR Retrieval, ranking algorithm, filtering, length	
Objectives / Learning Outcomes Covered	Titles of the Video	
	Duration of the Video	
CO3	1) web search architecture	05 min
CO3	2) web crawling	05 min
CO3	3) Near-duplication detection	10 min
CO3	4) IR retrieval process	09 min
CO4	5) Page rank & hit algorithm	06 min
CO4	6) Collaborative filtering	12 min
CO4	7) Cross-lingual Retrieval	08 min

**TECHNICAL QUIZ  
TECHNICAL QUIZ 1**

Date and Time	10/08/17 and 8:30 a.m to 9:00 a.m 1, 2			
Units Covered				
Objectives / Learning Outcomes Covered	CO1 CO2			
Quiz Master	2608 - Kaurimugil K.S			
Team	D.No	Name	Mark	Rank
Team A	2617	Samuel ruban.A	10/11	I
	2612	Mohamed Ali Aslam.K		
Team B	2603	DEEPIKA.K	10	II
	2606	Femina.X.		
Team C	2602	Anushya.M	07	III
	2611	Maria Francisca A.B		

TOP SCORER	2617 Samuel ruban.A.
	2612 Mohamed ali aslam.K

**TECHNICAL QUIZ 2**

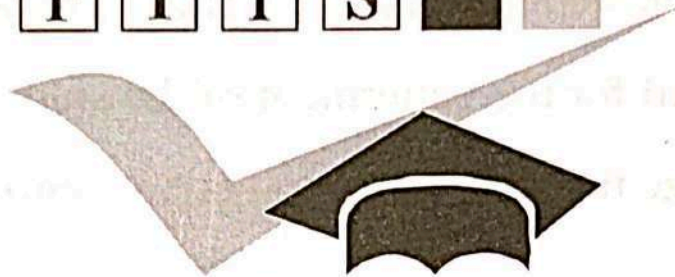
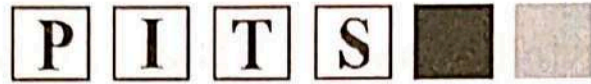
Date and Time	07/09/17 and 8:30 a.m to 9:00 a.m 3, 4			
Units Covered				
Objectives / Learning Outcomes Covered	CO3 CO4			
Quiz Master	2608 - Kaurimugil K.S			
Team	D.No	Name	Mark	Rank
Team A	2617	Samuel ruban.A.	7/11	II
	2612	Mohamed Ali Aslam.K		
Team B	2608	DEEPIKA.K.	8	I
	2606	Femina.X		
	2602	Anushya.M		
Team C	2611	Maria Francisca A.B.	7	III

TOP SCORER	2608 DEEPIKA.K
	2606 Femina.X

- Guidelines :**
1. Introduction to be given before screening the Video
  2. Each Clipping should be provided with proper title.
  3. Students should take notes in their respective subject Notebooks.

**ATTENDANCE AND ASSESSMENT RECORD**

(Theory Course)



**Towards Excellence**

**PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE**

THANJAVUR - 613 006

Name & Department of the Staff : BALAJI S / CSE

Subject Code / Name : IT6011 - Knowledge Management

Branch : B-E - CSE

Year / Semester : IV year - 08<sup>th</sup> Semester

Academic Year : 2016 - 2017

**VIDEO  
VIDEO HOUR 1**

Date and Time	13-2-17 - 9 <sup>th</sup> Hour	
Units Covered in the Videos	Unit 01 & Unit 02	
Topics Covered in the Videos	1) Foundation of KM 2) Evolution of KM	3) Knowledge Market 4) Tacit knowledge
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
* To learn evolution of K.M	Introduction to K.M	7.23 Mins
* To be exposed to knowledge sharing	Foundation of KM	11.14 Mins
* To get an idea about tacit knowledge & knowledge market	Evolution of KM Building Learning Organisation Knowledge Market Tacit knowledge	5.29 Mins 10.18 Mins 18.07 Mins 24.17 Mins

**VIDEO HOUR 2**

Date and Time	2-3-17 - 9 <sup>th</sup> Hour	
Units Covered in the Videos	Unit 03 & Unit 04	
Topics Covered in the Videos	1) IT in KM 2) Information Coding 3) Components of knowledge 4) KM in Health Science	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
* To be familiar with tools.	IT in KM	24.43 Mins
* To be exposed to applications.	Information Coding	16.12 Mins
* To be familiar with case studies	Components of knowledge KM in Health Science KM in Library	05.36 Mins 12.11 Mins 18.30 Mins

**Guidelines :**

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

**TECHNICAL QUIZ  
TECHNICAL QUIZ 1**

Date and Time	14-2-17 - 1 <sup>st</sup> Hour	
Units Covered	Unit 01 & Unit-02	
Objectives / Learning Outcomes Covered	* To get overview about knowledge Management * To learn evolution of KM & knowledge sharing	
Quiz Master	2530 - GUVVANT G	
Team	D.No	Name
Team A	2517	PEARL ROSELINE R
	2522	RAM DEV P
Team B	2502	DIVYA S
	2528	SUBASHREE P.
Team C	2504	GOWTHAMAN A
	2514	MOHAMED ALTHAF A
TOP SCORER	2502	DIVYA S
	2528	SUBASHREE P.

**TECHNICAL QUIZ 2**

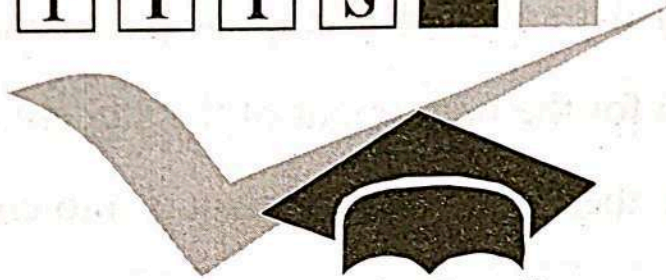
Date and Time	2 - 03-17 - 2 <sup>nd</sup> hour	
Units Covered	Unit 03 & Unit 04	
Objectives / Learning Outcomes Covered	* To develop KM applications. * To be familiar with tools.	
Quiz Master	2530 - GUVVANT G	
Team	D.No	Name
Team A	2517	PEARL ROSELINE R.
	2522	RAM DEV P.
Team B	2502	DIVYA S.
	2528	SUBASHREE P.
Team C	2504	GOWTHAMAN A.
	2514	MOHAMED ALTHAF A.

TOP SCORER	2502	DIVYA S
	2528	SUBASHREE P.

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PARISUTHAM INSTITUTE OF  
TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : N.A. ABHINAYA / (CAP / CSE)  
R.. KAVITHA (CAP / CSE)

Subject Code / Name : PT2403 / SOFTWARE PROJECT MANAGEMENT

Branch : CSE

Year / Semester : IV<sup>th</sup> year / VIII<sup>th</sup> Semester

Academic Year : 2015 - 2016

## VIDEO

### VIDEO HOUR 1

Date and Time	4.3.2016 and 3:10 - 4:00pm (8th Day)	
Units Covered in the Videos	1, 2	
Topics Covered in the Videos	Software Project Management, Project Evaluation	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
2	1) Software Project Manager	13 min 43 sec
	2) PERT chart v CPM	3 min 27 sec
	3) Project cost Management	6 min 16 sec
	4, Software Project Management why it is Different	4 min 03 sec
	5) SPH by Computer Education	21 min 16 sec

### VIDEO HOUR 2

Date and Time	22-3-2016 and 4:05 - 5:05pm (9th Day)	
Units Covered in the Videos	3, 4	
Topics Covered in the Videos	Activity Planning, Mentoring & control	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
2	D Project Management organization structure	15 min 27 sec
	2) Software Testing V-Model	18 min 38 sec
	3, SDLC Vs STLC	14 min 10 sec
	4) System testing & control	9 min 27 sec

#### Guidelines :

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

## TECHNICAL QUIZ

### TECHNICAL QUIZ 1

Date and Time	4-3-16		9 <sup>th</sup> hr	
Units Covered	1 and 2			
Objectives / Learning Outcomes Covered	2			
Quiz Master	Syed Faruq			
Team	D.No	Name	Mark	Rank
Team A	2432	SRINITHI	8	1
	2438	THULSI		
Team B	2421	MOHANA PRIYA	7	2
	2422	MONICA		
Team C	2426	PRATHEEJA	6	3
	2435	SURYAR		

TOP SCORER	2432	SRINITHI
	2438	THULSI

### TECHNICAL QUIZ 2

Date and Time	22-3-16		1 <sup>st</sup> hr	
Units Covered	3 and 4			
Objectives / Learning Outcomes Covered	2			
Quiz Master	MONICA			
Team	D.No	Name	Mark	Rank
Team A	2411	LOHESWARI	6	3
	2416	KEERTHIKA		
Team B	2412	NEETHAKSHI	8	1
	2420	NATHANINI		
Team C	2430	SANJANA JAYARAJ	4	2
	2464	VASANTH		

TOP SCORER	2412	NEETHAKSHI
	2420	NATHANINI

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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Towards Excellence

**PARISUTHAM INSTITUTE OF  
TECHNOLOGY AND SCIENCE**

THANJAVUR - 613 006

Name & Department of the Staff : Ms G. Jayanthi, AP/ECE

Subject Code / Name : EC6401 - ELECTRONIC CIRCUITS-II

Branch : ECE

Year / Semester : II / IV

Academic Year : 2015 - 16

# VIDEO

## VIDEO HOUR 1

Date and Time	28/3/16 @ 4.15 to 5.05 PM	
Units Covered in the Videos	Unit I & II	
Topics Covered in the Videos	Oscillator & Amplifier	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
CO1 & CO2	1. Crystal Radio. No Batteries (no external power)	21.02 mins
	2. One transistor Regenerative Radio Receiver	14-37 mins
	3. How to make Rochelle salt Piezoelectric crystals	6-34 mins
	4. How to make Piezoelectric crystal speaker	8.20 mins

## VIDEO HOUR 2

Date and Time	-	
Units Covered in the Videos	-	
Topics Covered in the Videos	-	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
	NIL	

**Guidelines :**

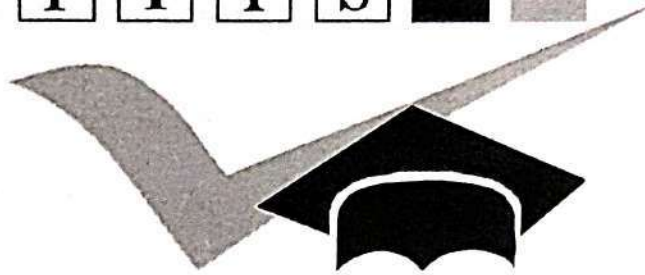
1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.



# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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Towards Excellence

**PARISUTHAM INSTITUTE OF  
TECHNOLOGY AND SCIENCE**

THANJAVUR - 613 006

Name & Department of the Staff : K. ASHINI / ECE

Subject Code / Name : EC6501-DIGITAL COMMUNICATION

Branch : ECE

Year / Semester : IIIrd year / v sem

Academic Year : 2016-2017

# VIDEO

## VIDEO HOUR 1

Date and Time	8/8/16 and 4:15 to 5:05 pm	
Units Covered in the Videos	UNIT - 1, 2, 3	
Topics Covered in the Videos	Sampling, Aliasing, Reconstruction, Quantization, delta modulation, ADPCM, ADN, predictive coding, TST	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
1, 2, 3 / 1, 2, 3, 4.	Sampling theorem: Introduction What is aliasing Reconstruction of signal from its sampled values pulse code Modulation Delta Modulation Introduction to ISI and Nyquist criterion	11.28 min 2.02 min 9.47 min 6.00 min 19.54 min 5.00 min

## VIDEO HOUR 2

Date and Time	15/9/16 and 4:15 to 5:05 pm	
Units Covered in the Videos	UNIT - 1, 2, 3, 4, 5	
Topics Covered in the Videos	Line coding techniques, BPSK, QPSK, Non coherent Receivers, Eye pattern	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
3, 4, 5 / 3, 4, 5.	Line coding techniques Generation of ASK, PSK and its detection Animated of digital modulation Frequency modulation - Basic principles	2.30 min 24:24 min 1.00 min 28.37 min

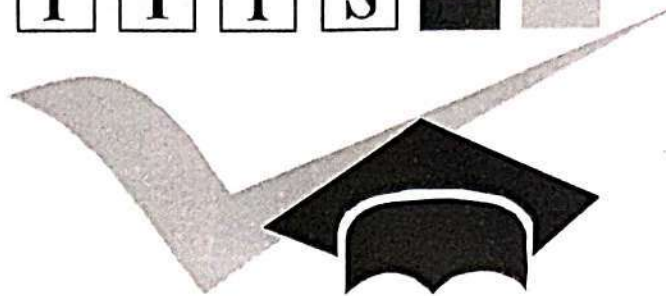
### Guidelines :

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# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : U. POORNIMA , ECE

Subject Code / Name : EC6701-RE & MICROWAVE ENGINEERING

Branch : ECE

Year / Semester : IV / VII

Academic Year : 2017 - 2018

## VIDEO VIDEO HOUR 1

Date and Time	12.8.17 [2:20 to 3:10 pm]	
Units Covered in the Videos	1, 3(1/2)	
Topics Covered in the Videos	Hybrid, ABCD, S - parameters, S parameter properties, High Frequency parameters, Directional Coupler	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
<p>→ Analyze the multi-port RF Networks</p> <p>→ To know the active &amp; passive microwave components &amp; devices</p>	<p>Introduction to S-Parameters</p> <p>High Frequency &amp; Speed Revolution</p> <p>Properties of S-Parameters</p> <p>ABCD Parameters</p> <p>H Parameters</p> <p>Directional Coupler</p>	<p>7 min 23 Sec</p> <p>14 min 26 Sec</p> <p>11 min 16 Sec</p> <p>13 min 42 Sec</p> <p>3 min 51 Sec</p> <p>3 min 21 Sec</p>

## VIDEO HOUR 2

Date and Time	04.09.17 [4:15 to 5:05 pm]	
Units Covered in the Videos	3(1/2), 5	
Topics Covered in the Videos	VSWR Measurement, Spectrum & Network Analyzers, Power Dividers, Quarter Wave Transformers	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
<p>→ About the components used in microwave communication</p> <p>→ Microwave devices &amp; components knowledge</p>	<p>VSWR Measurement</p> <p>Spectrum Analyzers</p> <p>Network Analyzers</p> <p>Power Dividers</p> <p>How does Quarter wave Transformers really work?</p>	<p>5 min 10 Sec</p> <p>8 min 2 Sec</p> <p>14 min 43 Sec</p> <p>1 min 47 Sec</p> <p>35 min 23 Sec</p>

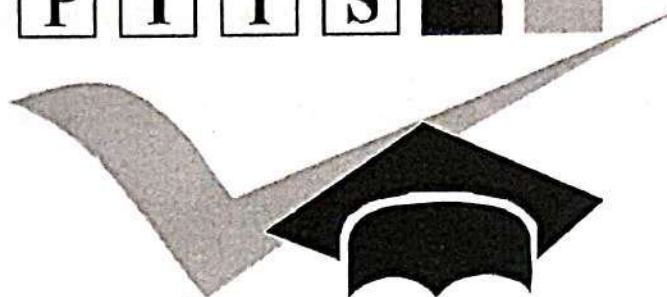
### Guidelines :

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# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

P I T S ■ ■



Towards Excellence

## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : SOFIYA JENIFER. J / ECE

Subject Code / Name : EC6601 - VLSI DESIGN

Branch : ECE

Year / Semester : III / VI

Academic Year : 2018 - 2019

**VIDEO  
VIDEO HOUR 1**

Date and Time	28.1.19 x 4.40 - 5.05 PM	
Units Covered in the Videos	I & II	
Topics Covered in the Videos	IC Fabrication, Wafer Process, CMOS design	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
CO1, 2	1. Fabrication of IC 2. Wafer Process 3. Manufacturing Process 4. CMOS design	10.00 mins 7.25 mins 08.00 mins 10.00 mins

**VIDEO HOUR 2**

Date and Time	-	
Units Covered in the Videos	-	
Topics Covered in the Videos	-	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
-	-	-

**Guidelines :**

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# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

P I T S ■ ■



Towards Excellence

## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : U. SIVARANJANI (ECE)

Subject Code / Name : EC6703 - EMBEDDED AND REAL TIME  
SYSTEMS

Branch : ECE

Year / Semester : IV / VII

Academic Year : 2019-2020

**VIDEO**  
**VIDEO HOUR 1**

Date and Time	13.8.2019 /	
Units Covered in the Videos	C01, C02	
Topics Covered in the Videos	Embedded Computing and Arm Processor	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
To understand the Arm Processor Working	Arm processor design	13 Min
	Models of program	10 Min
	Optimization tech.	7 Min

**VIDEO HOUR 2**

Date and Time	11.9.2019 / 9:00 to 9:20 AM	
Units Covered in the Videos	C03, C04	
Topics Covered in the Videos	Operating system & System design	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
To understand Multirate s/m	Multirate system	5 Min
	pre-emptive RTOS	12 Min
	Design flow	14 Min
	Distributed Embedded s/m	5 Min

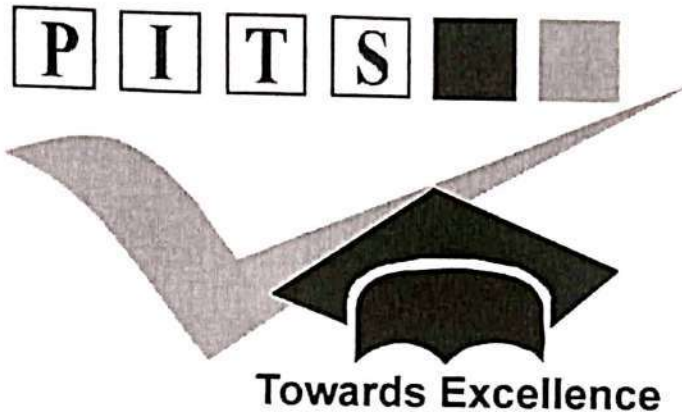
**Guidelines :**

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# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)



## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : K.SANTHOSH KUMAR / EEE

Subject Code / Name : EEA391 / ELECTROMAGNETIC THEORY

Branch : EEE

Year / Semester : II / III

Academic Year : 2019-2020

**VIDEO  
VIDEO HOUR 1**

Date and Time	13-08-2019 [1:55 - 2:25]	
Units Covered in the Videos	I, II, III	
Topics Covered in the Videos	Electromagnetic fields, Self & Mutual Inductance Capacitor & its nature, Divergence	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
CO1	Electromagnetic fields	8 minutes.
CO1	Divergence & $\text{Curl}$	4 minutes.
CO2	Capacitor	8 minutes
CO3	Self & Mutual Inductance	6 minutes.

**VIDEO HOUR 2**

Date and Time	11-09-2019 [2:00 - 2:20]	
Units Covered in the Videos	IV	
Topics Covered in the Videos	Maxwell equations, Leng Law, Skineffect.	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
CO4	Leng Law	4 minutes.
CO4	Skineffect	3 minutes.
CO3	Maxwell equation	13 minutes.

**Guidelines :**

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	13.08.2019			
Units Covered	I, II, III			
Objectives / Learning Outcomes Covered	CO <sub>1</sub> , CO <sub>2</sub> , CO <sub>3</sub> .			
Quiz Master	RANVA SHRI. T			
Team	D.No	Name	Mark	Rank
Team A	1010	SWEDHA BHARATHI . K	8	I
	1005	PRAKATHI . D		
Team B	1013	VISHAL PAVAN . V	4	II
	1004	NITHISH VARMA . R		
Team C	1012	VIKRAM . K	8	I
	1009	SURIYA . R		

TOP SCORER	1010, 1005	SWEDHA BHARATHI . K PRAKATHI . D
	1012, 1009	VIKRAM . K SURIYA . R

## TECHNICAL QUIZ 2

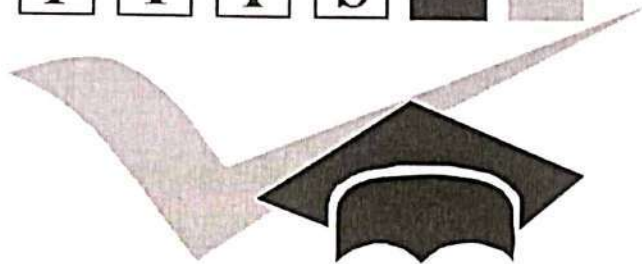
Date and Time	11.09.2019			
Units Covered	III, IV			
Objectives / Learning Outcomes Covered	CO <sub>3</sub> , CO <sub>4</sub> .			
Quiz Master	RANVA SHRI. T			
Team	D.No	Name	Mark	Rank
Team A	1010	SWEDHA BHARATHI . K	8	I
	1005	PRAKATHI . D		
Team B	1013	VISHAL PAVAN . V	7	II
	1011	TANILBHARATHI .		
Team C	1012	VIKRAM . K	4	III
	1003	MURUGAN		

TOP SCORER	1010, 1005	SWEDHA BHARATHI . K , PRAKATHI . D
	1013, 1011	VISHAL PAVAN . V , TANILBHARATHI .

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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Towards Excellence

## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : G. PALANIRAJAN

Subject Code / Name : EE6503-POWER ELECTRONICS

Branch : EEE

Year / Semester : III / V

Academic Year : 2018 - 19

**VIDEO  
VIDEO HOUR 1**

Date and Time	10.8.18 (3.10 to 4.00)	
Units Covered in the Videos	Unit 4, Unit 1	
Topics Covered in the Videos	Operation and function of the inverter Function of switching devices	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
TO know about the knowledge of the inverter functions.	1. Basic operations of the inverter.	30 min.
TO know about the knowledge of the switching devices.	2. Function of the switching devices.	20 min.

**VIDEO HOUR 2**

Date and Time	3.9.19	
Units Covered in the Videos	UNIT 2/3	
Topics Covered in the Videos	—	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
3	Step up chopper	10
—	class B chopper	10
3	Fully Controlled Converter	5
2		

**Guidelines :**

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3. Students should take notes in their respective subject Notebooks.

## TECHNICAL QUIZ

### TECHNICAL QUIZ 1

Date and Time	10.8.18 (8.30 to 9.20)			
Units Covered	unit 1, 4			
Objectives / Learning Outcomes Covered	To know about the knowledge of the inverter and switching devices.			
Quiz Master	S. Preethi Sai			
Team	D.No	Name	Mark	Rank
Team A	1805	A. Azhagu Nilu	30	1
	1803	E. Abirami		
Team B	1806	S. Barath rajan	20	2
	1818	J. Rajesh Kannan		
Team C	1824	R. Vincy biona	20	2
	1820	S. Siva Priya.		

TOP SCORER	1805	A. Azhagu nila
	1803	E. Abirami.

### TECHNICAL QUIZ 2

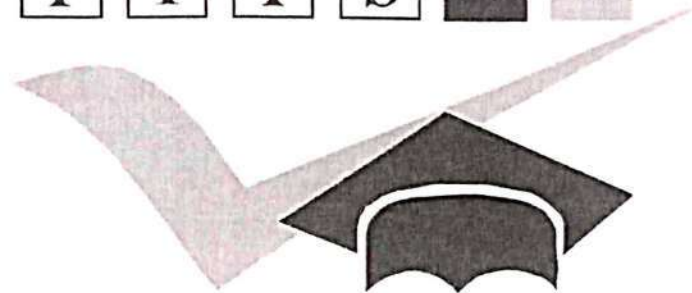
Date and Time	3.9.18 (8.30 to 9.20)			
Units Covered	unit 2, 3			
Objectives / Learning Outcomes Covered	To know about the characteristics & performance of chopper & Controller			
Quiz Master	S. PREETHI SAI			
Team	D.No	Name	Mark	Rank
Team A	1805	A. Azhagu Nilu	28	I
	1803	E. Abirami		
Team B	1806	S. Barathrajagan	25	II
	1818	J. Rajesh Kumar		
Team C	1824	R. Vincy fiona	20	III
	1820	S. Sivapriya.		

TOP SCORER	1805	A. Azhagu nila
	1803	E. Abirami.

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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Towards Excellence

## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : MS.S.SHANMUGAPRIYA & EEE

Subject Code / Name : EE 6504 - ELECTRICAL MACHINES II

Branch : EEE

Year / Semester : III / V

Academic Year : 2017 - 2018

**VIDEO  
VIDEO HOUR 1**

Date and Time	08.08.2017 and 3:10 PM - 4:00 PM	
Units Covered in the Videos	First Two units	
Topics Covered in the Videos	Synchronous Generator and motor	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
To know about working & Application of synchronous motor and Generator	working of Alternator	20 min
	Alternator Application	10 min
	Synchronous motor working	10 min
	Losses in machine	10 min

**VIDEO HOUR 2**

Date and Time	05.09.2017 & 3:10 PM - 4:00 PM	
Units Covered in the Videos	Second Two units	
Topics Covered in the Videos	Induction Motor	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
To know about working & Application of Induction motor and special machines	working of IM	10 min
	Application of squirrel cage motor	20 min
	Slip ring IM	10 min
	Elevator working	10 min

**Guidelines :**

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# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	08.08.2017 & 8.30 AM - 9.20 AM			
Units Covered	FIRST TWO UNITS			
Objectives / Learning Outcomes Covered	CO1			
Quiz Master	M. GANESH			
Team	D.No	Name	Mark	Rank
Team A	1702	AROCKIA ANGEL . L	90	II
	1716	SELVA DIVYA . T		
Team B	1701	AJITH KUMAR . M	100	I
	1711	NAVEEN RAJA . T		
Team C	1710	MUTHULAKSHMI . R	85	III
	1718	SONIYA . T		

TOP SCORER	1701	AJITHKUMAR . M
	1711	NAVEEN RAJA . T

## TECHNICAL QUIZ 2

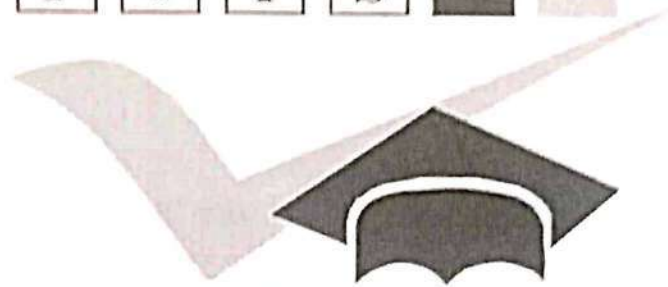
Date and Time	05.09.17 & 8.30 AM - 9.20 AM			
Units Covered	SECOND TWO UNITS			
Objectives / Learning Outcomes Covered	CO2			
Quiz Master	J. SAMEERA			
Team	D.No	Name	Mark	Rank
Team A	1714	RUBA . S	95	I
	1720	SUGUNA . K		
Team B	1716	SELVADIVYA . T	80	III
	1718	SONIYA . T		
Team C	1704	BALAMURUGIAN . K	85	II
	1713	RAMESH . R		

TOP SCORER	1714	RUBA . S
	1720	SUGUNA . K

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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Towards Excellence

PARISUTHAM INSTITUTE OF  
TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : R. Saravanan.

Subject Code / Name : EE6503/POWER electronics

Branch : EEE

Year / Semester : III / V

Academic Year : 2016

## VIDEO

### VIDEO HOUR 1

Date and Time	11.8.16 & (4.10 - 5.10) (50 min)	
Units Covered in the Videos	UNIT 1 & 2, 3	
Topics Covered in the Videos	Basics of Power Electronics, Converters	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
Basic operation	SCR, TRIAC, Diode Basic operations	20 min.
Converters.	1 $\phi$ , 3 $\phi$ Full & half wave Rectifiers	20 min.
Cyclo converter.	1 $\phi$ to 3 $\phi$ Conversion	10 min.

### VIDEO HOUR 2

Date and Time	16.9.16 & (4.10 - 5.10) (50 min)	
Units Covered in the Videos	UNIT 4 & 5	
Topics Covered in the Videos	SMPS, UPS, Basics of inverters	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
Choppers.	Classification of chopper	10 min.
type A Choppers.	operation of type A Choppers.	20 min.
Inverters	Application of inverters & clipper, clampers	20 min.

#### Guidelines :

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# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	11/8/16			
Units Covered	UNIT 1, 2			
Objectives / Learning Outcomes Covered	Basics of Power Electronics devices			
Quiz Master	M. Priyadarshini			
Team	D.No	Name	Mark	Rank
Team A	1601	Arun Kumar	65	II
	1602	Ashwin Prathap		
Team B	1604	Pradeep. B	85	I
	1661	Kalaiyarasu		
Team C	1605	Dreethika. R	55	III
	1608	Thendral. A.N		

TOP SCORER	1604	Pradeep. B
	1661	Kalaiyarasu

## TECHNICAL QUIZ 2

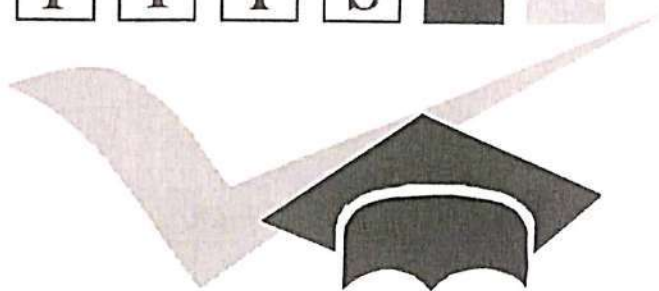
Date and Time	16/9/16			
Units Covered	UNIT, 3, 4 & 5			
Objectives / Learning Outcomes Covered	A.N. Vishnuvardan			
Quiz Master	A.N. Vishnuvardan			
Team	D.No	Name	Mark	Rank
Team A	1606	M. Priyadarshini	45	III
	1608	A.N. Thendral		
Team B	1603	J. Juliet	50	II
	1661	Kalaiyarasu		
Team C	1604	B. Pradeep	65	I
	1603	Sathiyamoorthy		

TOP SCORER	1604	B. Pradeep
	1603	Sathiyamoorthy

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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Towards Excellence

PARISUTHAM INSTITUTE OF  
TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : S. SHANMUGAPRIYA AP/EEE  
EE 2451 - ELECTRIC ENERGY GENERATION  
Subject Code / Name : UTILISATION AND CONSERVATION  
Branch : EEE  
Year / Semester : IV / VII  
Academic Year : 2015 - 2016

## VIDEO

### VIDEO HOUR 1

Date and Time	04.03.16, 3.10 PM - 4.00 PM	
Units Covered in the Videos	First 2½ units	
Topics Covered in the Videos	Power Generation and its Economic Aspects	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
TO KNOW about Power Generation	- Need for Power Generation	20min
	- Power Generation using different sources	20min
	→ Economic aspects of Power Generation	20min

### VIDEO HOUR 2

Date and Time	21.03.16, 4.00 PM - 5.05 PM	
Units Covered in the Videos	Second 2½ units	
Topics Covered in the Videos	Illumination, Electric heating and Traction	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
TO KNOW about Lighting	- Lighting scheme	} 50min
	→ Lighting for different purpose.	
	→ welding transformer	

**Guidelines :**

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# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	03.03.16 , 8.30 AM - 9.20 AM			
Units Covered	FIRST 2 1/2 units			
Objectives / Learning Outcomes Covered				
Quiz Master	V. PUVIKKO CHEZHIAN			
Team	D.No	Name	Mark	Rank
Team A	1418	NANDHINI	8	II
	1461	SARANYA		
Team B	1419	PRAKASH AROCKIARAJ	5	III
	1403	ARAVIND		
Team C	1417	MULLAI	12	I
	1431	VIJAYADHARANI		

TOP SCORER	1417	MULLAI
	1431	VIJAYADHARANI

## TECHNICAL QUIZ 2

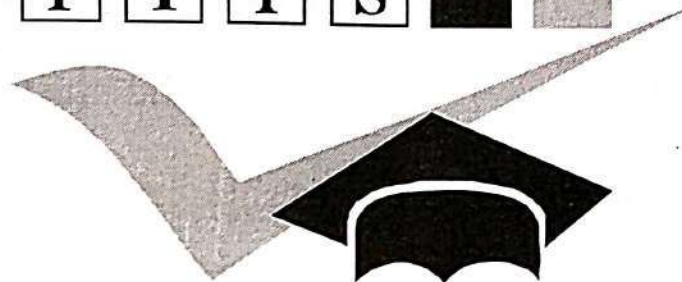
Date and Time	21.03.16 , 8.30 AM - 9.20 AM			
Units Covered	SECOND 2 1/2 units			
Objectives / Learning Outcomes Covered				
Quiz Master	GOPINATHA . A			
Team	D.No	Name	Mark	Rank
Team A	1401	Abubakkar Siddiq	10	II
	1402	Alamelu . N		
Team B	1416	Mohammed Imran	11	I
	1427	Sumithra . A		
Team C	1428	URVYAKUMAR	9	III
	1425	PRISKA VALARMATHI		

TOP SCORER	1416	Mohammed Imran
	1427	Sumithra

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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Towards Excellence

PARISUTHAM INSTITUTE OF  
TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : C.N. MURUGANANDAM

Subject Code / Name : MEG005 PROCESS PLANNING AND  
COST ESTIMATION

Branch : MECHANICAL ENGINEERING

Year / Semester : IV / VII

Academic Year : 2019 - 2020



**VIDEO**  
**VIDEO HOUR 1**

Date and Time	14.8.19 4.15 - 4.40 pm	
Units Covered in the Videos	I, II	
Topics Covered in the Videos	Implementation of Manufacturing Process	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
To Learn Various Manufacturing Processes	Manufacturing Methods	25 min

**VIDEO HOUR 2**

Date and Time	10.9.19 4.15 - 4.35 pm	
Units Covered in the Videos	III, IV	
Topics Covered in the Videos	Estimation of Production Cost	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
To learn various method of cost in manufacturing process	Industry cost	25 mins

**Guidelines :**

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	14.8.19 8.30 - 8.55 AM			
Units Covered	I, II			
Objectives / Learning Outcomes Covered	To Introduction of process Planning/Concepts to make cost Estimation of Various Products			
Quiz Master	N. MOHAMED INZAMAM KUTTY			
Team	D.No	Name	Mark	Rank
Team A	6816	A. GANESH PANDIAN	6	I
	6820	M. GUNASEELAN		
Team B	6854	M. RENJANATHAN	5	III
	6837	R. MUKILAN		
Team C	6856	R. SANTHOSH	5 1/2	II
	6862	R. SIVANESAN		

TOP SCORER	6816	A. GANESH PANDIAN
	6820	M. GUNASEELAN

*Amj*

## TECHNICAL QUIZ 2

Date and Time	10.9.19 8.30 - 8.55 Am			
Units Covered	III, IV			
Objectives / Learning Outcomes Covered	To Learn Production Cost for Welding, forging foundry operations			
Quiz Master	Mohamed Inzaman Kutty			
Team	D.No	Name	Mark	Rank
Team A	6831	T. Madhan	5	II
	6853	S. Ragesh		
Team B	6858	S. Sathar Kumar	5 1/2	I
	6837	S. Mukilan		
Team C	6831	A. Lourday	4 1/2	III
	6802	Ajay Balaji		

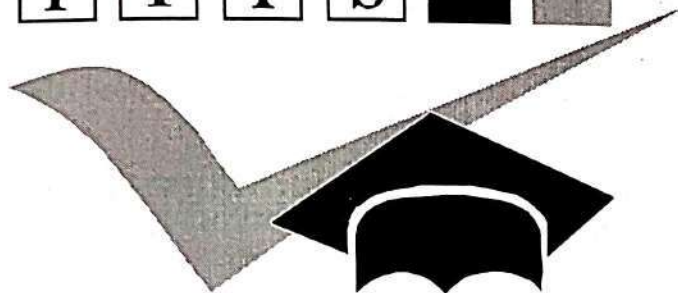
TOP SCORER	6858	S. Sathar Kumar
	6837	S. Mukilan

*Amj*

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

P I T S ■ ■



Towards Excellence

**PARISUTHAM INSTITUTE OF  
TECHNOLOGY AND SCIENCE**

THANJAVUR - 613 006

Name & Department of the Staff :

G. Mageswaran

Subject Code / Name

ME8351:

Manufacturing Technology - I

Branch

Mechanical Engineering

Year / Semester

II year: (2019-2020) III

Academic Year

: 2019

**VIDEO**  
**VIDEO HOUR 1**

Date and Time	13/08/2019 <span style="float: right;">From 1:55 PM to 2:20 PM</span>	
Units Covered in the Videos	Unit - I, II & III	
Topics Covered in the Videos	Sand Moulding, Submerged and Resistance welding Forging	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
CO <sub>1</sub> CO <sub>2</sub> CO <sub>3</sub>	Sand Casting & Moulding Welding Process Forging Process	25 minutes

**VIDEO HOUR 2**

Date and Time	11/9/2019 <span style="float: right;">From: 1:55 to 2:20 PM</span>	
Units Covered in the Videos	Unit - IV & V	
Topics Covered in the Videos	Sheet metal process & Manufacturing of Plastic Components	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
CO <sub>4</sub>  CO <sub>5</sub>	Special forming Process Sheet metal  Moulding of Thermoplastic	25 minutes

**Guidelines :**

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	13/08/2019			
Units Covered	Unit - I, II & III			
Objectives / Learning Outcomes Covered	CO1, CO2 & CO3			
Quiz Master	M. Mohamed Sameer / 6020			
Team	D.No	Name	Mark	Rank
Team A	6003	Aravinthan . A	6	2
	6039	Yogish . D		
Team B	6018	Krishnakanth . A	9	1
	6031	Steward Rodolod . S		
Team C	6035	Venkatesh waran	6	2
	6038	Vishwash waran . A		

TOP SCORER	6018	Krishnakanth . A
	6031	Steward Rodolod . S



## TECHNICAL QUIZ 2

Date and Time	11/9/2019			
Units Covered	Unit - IV & V			
Objectives / Learning Outcomes Covered	CO4, CO5			
Quiz Master	M. Mohamed Sameer / 6020			
Team	D.No	Name	Mark	Rank
Team A	6007	Arunachalam . C	4 1/2	3
	6062	Bala Sasaranan .		
Team B	6018	Krishnakanth . A	10 1/2	1
	6031	Steward Rodolod . S		
Team C	6032	Geeya . T	7 1/2	2
	6039	Yogish		

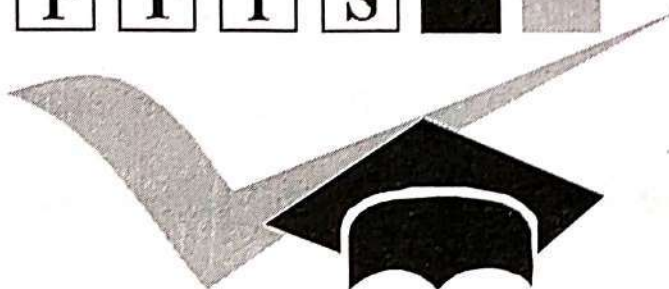
TOP SCORER	6018	Krishnakanth . A
	6031	Steward Rodolod . S



# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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Towards Excellence

## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : S. SARAVANAN

Subject Code / Name : ME8593 / DME

Branch : MECHANICAL

Year / Semester : III / V

Academic Year : 2019-2020

**VIDEO**  
**VIDEO HOUR 1**

Date and Time	13.8.19 and 4.15PM TO 4.40PM	
Units Covered in the Videos	I & II	
Topics Covered in the Videos	Principal stress, Factor of Safety Impact and Shock loading	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
Principles involved in Designing and working	→ Principal stress	20 Mins
	→ Crushing stress on the bolt and Nut Assembly	5 Mins

**VIDEO HOUR 2**

Date and Time	12.09.2019 and 4.15PM TO 4.40PM	
Units Covered in the Videos	III & IV Unit	
Topics Covered in the Videos	Couplings, knuckle joints	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
To know the Designing of Couplings and knuckle joints	→ Power transmission using Couplings	20 Mins
	→ knuckle joint in machinery	25 Mins

**Guidelines :**

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	13.8.19 and 8.55 AM TO 9.20 AM			
Units Covered	I & II			
Objectives / Learning Outcomes Covered	To Design the bolt and Nut			
Quiz Master	K. Dhanu Kumar			
Team	D.No	Name	Mark	Rank
Team A	6915	R. Dhivakumar	7	I
	6920	P. Jayabharathi		
Team B	6921	P. Jeevandan	3	III
	6942	N. Raja		
Team C	6927	M.S. Manikandan	4	II
	6928	A. Manoj Kumar		

TOP SCORER	6915	R. Dhivakumar
	6920	P. Jayabharathi

## TECHNICAL QUIZ 2

Date and Time	12.09.2019 and 8.30 AM TO 8.55 AM			
Units Covered	III and IV			
Objectives / Learning Outcomes Covered	To Design Spring, Flywheel and Connecting rod			
Quiz Master	A. Manikandan			
Team	D.No	Name	Mark	Rank
Team A	6901	U. Adakkalam	3	II
	6909	G. Arvin		
Team B	6913	M. Davidraj	3	II
	6903	M. Aravindhan		
Team C	6927	M.S. Manikandan	9	I
	6920	P. Jayabharathi		

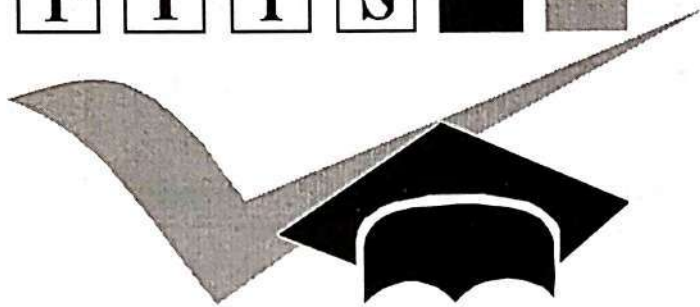
TOP SCORER	6927	M.S. Manikandan
	6920	P. Jayabharathi



# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

P I T S ■ ■



Towards Excellence

## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : B. JAGADEESH

Subject Code / Name : CEP394 - FLUID MECHANICS & MACHINERY

Branch : MECHANICAL ENGINEERING

Year / Semester : II - YEAR / III - SEMESTER

Academic Year : 2019 - 2020

**VIDEO**  
**VIDEO HOUR 1**

Date and Time	12-8-19 - 4:15 - 4:40 PM	
Units Covered in the Videos	1, 2, 3	
Topics Covered in the Videos	Bernoulli's equation, Flow through circular pipes	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
I	Bernoulli's theorem with illustration	8 minutes
II	Flow through pipes connected in series	9 minutes
II	Darcy Weisbach equation	8 minutes

**VIDEO HOUR 2**

Date and Time	10-9-19, 4:15 - 4:40 PM.	
Units Covered in the Videos	4, 5	
Topics Covered in the Videos	Hydraulic pumps, turbines	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
IV	Centrifugal pump - construction	6 minutes 30 seconds
IV	Working of reciprocating pump	6 minutes 15 seconds
V	Francis & Kaplan turbines	6 minutes 10 seconds
V	Illustration of pelton wheel turbine with velocity triangles	6 minutes 5 seconds

**Guidelines :**

1. Introduction to be given before screening the Video.
2. Each Clipping should be provided with proper title.
3. Students should take notes in their respective subject Notebooks.

# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	12-9-19 - <del>4:15</del> - <del>4:40 AM</del> 8:30 AM - 9:20 AM			
Units Covered	I, II, III			
Objectives / Learning Outcomes Covered	1, 2, 3			
Quiz Master	V. ANTONY ALBERT			
Team	D.No	Name	Mark	Rank
Team A	6003	ARAVINDHAN A	8	3
	6039	YODHESH D		
Team B	6012	DINESH KUMAR K	10	1
	6018	KRISHNAKANTH A		
Team C	6017	KARTHI A	9	2
	6038	VISHWESWARAN		

TOP SCORER	6012	DINESH KUMAR K
	6018	KRISHNAKANTH A

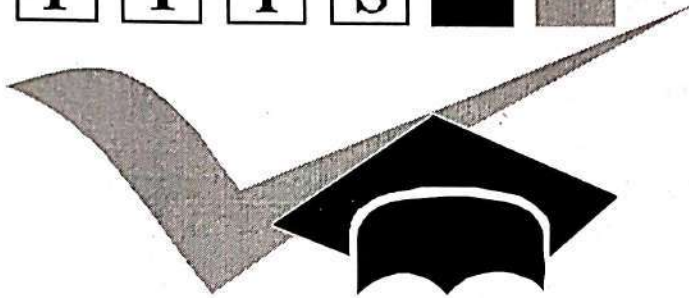
## TECHNICAL QUIZ 2

Date and Time	10.09.19 - 8:30 AM - 9:20 AM.			
Units Covered	IV, V			
Objectives / Learning Outcomes Covered	4, 5			
Quiz Master	E. SANTOSH			
Team	D.No	Name	Mark	Rank
Team A	6062	BALASARAVANAN	10 1/2	2
	6024	PRAGADEESWARAN		
Team B	6001	ANTONY ALBERT	8	3
	6031	STEWART RODOLF		
Team C	6032	SURYA T	18	1
	6034	VEERAMUKILAN		

TOP SCORER	6032	SURYA T
	6034	VEERAMUKILAN

**ATTENDANCE AND ASSESSMENT RECORD**

(Theory Course)



**Towards Excellence**

**PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE**

THANJAVUR - 613 006

Name & Department of the Staff : V. RAMESH DURA.  
ME8594

Subject Code / Name : DYNAMICS OF MACHINES

Branch : MECHANICAL

Year / Semester : III / IV

Academic Year : 2019 - 2020.

**VIDEO**  
**VIDEO HOUR 1**

Date and Time	12/08/19 @ 4:15 PM to 5:05 PM	
Units Covered in the Videos	First, second, third unit part 1 & 2	
Topics Covered in the Videos	Dynamics force, Balancing, vibration.	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
61	Dynamics force.	20 min
62	Balancing	20 min
63	Vibration	10 min.

**VIDEO HOUR 2**

Date and Time	10/09/19 @ 4:15 PM to 5:05 PM.	
Units Covered in the Videos	third unit second half, fourth, 8th	
Topics Covered in the Videos	resonance, forced vibration, gyroscope <sup>simple</sup>	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
63	resonance vibration.	10 min
64	force vibration	5 min
65	gyroscope	5 min

**Guidelines :**

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# TECHNICAL QUIZ

## TECHNICAL QUIZ 1

Date and Time	11/08/19 @ 8:30am to 9:30am.			
Units Covered	1st, 2nd, and 3rd unit first half.			
Objectives / Learning Outcomes Covered	CO-1, CO-2, CO-3.			
Quiz Master	MANIKANDEN A			
Team	D.No	Name	Mark	Rank
Team A	6901	V. ADARSHAM	3	D
	6909	BRASHIN		
Team B	6921	P. SREVENANDAN.	4	D
	6922	M. RAJESH		
Team C	6927	MRS. MANIKANDAN	5	D
	6928	B. MANAS KUMAR		

TOP SCORER	6927	MRS. MANIKANDAN
	6928	B. MANAS KUMAR

## TECHNICAL QUIZ 2

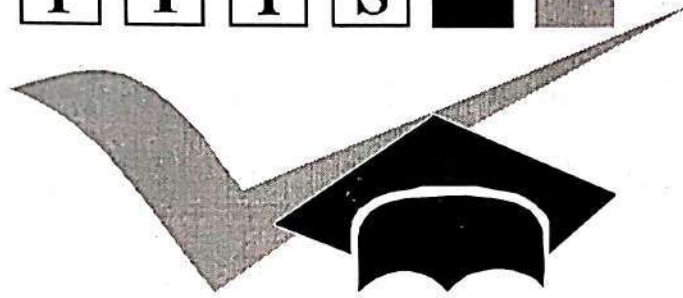
Date and Time	11/09/19 @ 8:30am to 9:30am.			
Units Covered	1st, 2nd & 3rd unit first half.			
Objectives / Learning Outcomes Covered	CO-3, CO-4, CO-5			
Quiz Master	MANIKANDEN A			
Team	D.No	Name	Mark	Rank
Team A	6901	V. ADARSHAM	3	D
	6909	BRASHIN		
Team B	6913	M. DEVIDEVI	4	D
	6923	M. ARAVINDHAN		
Team C	6929	MRS. MANIKANDAN.	5	D
	6920	P. JAYASHARATHI		

TOP SCORER	6929	MRS. MANIKANDAN.
	6920	P. JAYASHARATHI.

# ATTENDANCE AND ASSESSMENT RECORD

(Theory Course)

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Towards Excellence

## PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

THANJAVUR - 613 006

Name & Department of the Staff : V. BHARATHA RAJAN

Subject Code / Name : CE6757-TOTAL QUALITY MANAGEMENT

Branch : MECHANICAL ENGINEERING

Year / Semester : IV / VII

Academic Year : 2019-20

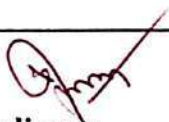
**VIDEO**  
**VIDEO HOUR 1**

Date and Time	4/8/19 - 4.15 - 4.40 pm.	
Units Covered in the Videos	2 unit, II and III UNITS.	
Topics Covered in the Videos	TQM concept, Principle, Benchmarking, PMBA, Continuous Improvement, Customer Satisfaction SIX SIGMA	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
TO know about the TQM principle and concept Benchmarking.	TQM PRINCIPLE concept BENCHMARKING. PMBA.	25 minutes.



**VIDEO HOUR 2**

Date and Time	12.9.19 - 4.40 pm - 5.05 pm.	
Units Covered in the Videos	3 unit - II, IV and V units.	
Topics Covered in the Videos	PMBA, SIX SIGMA, ISO 9000	
Objectives / Learning Outcomes Covered	Titles of the Video	Duration of the Video
TO know about the SIX SIGMA and ISO 9000.	PMBA, SIX SIGMA ISO 9000	25 minutes



**Guidelines:**

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3. Students should take notes in their respective subject Notebooks.



## TECHNICAL QUIZ

### TECHNICAL QUIZ 1

Date and Time	14/8/19 - 8.30 - 9.20 Am			
Units Covered	2 unit off, II and III units.			
Objectives / Learning Outcomes Covered	To know about TQM Principle and concept			
Quiz Master	N. Md. RAZAMAM KUTTY.			
Team	D.No	Name	Mark	Rank
Team A	6816	GANESH PANDIYAN	4	II
	6854	REKHA NATHAN		
Team B	6837	MUKILAN	3	I
	6862	SIVANESAN		
Team C	6820	GUNASEELAN	5	III
	6856	SANTHOSH		

TOP SCORER	6820	GUNASEELAN
	6856	SANTHOSH.

*[Signature]*

### TECHNICAL QUIZ 2

Date and Time				
Units Covered	IV and V units			
Objectives / Learning Outcomes Covered	To know about QFD and ISO 9000 & 1400			
Quiz Master	6856 :- S. SANTHOSH			
Team	D.No	Name	Mark	Rank
Team A	6842	S. PRADDEEP KUMAR	7 1/2	I
	6837	S. MUKILAN		
Team B	6831	A. HOURDURAJ	4	III
	6802	R. AJAY BALAJI		
Team C	6862	S. SIVANESAN	4 1/2	II
	6863	A. SRIHARAJ		

TOP SCORER	6842	S. PRADDEEP KUMAR
	6837	S. MUKILAN

*[Signature]*