

**SRI VENKATESWARA COLLEGE OF ENGINEERING (SVCE)
PENNALUR, SRIPERUMBUDUR-602117**



**REPORT ON SIX DAY ONLINE FDP ON “PROBLEM SOLVING TECHNIQUES IN
THERMODYNAMICS” DURING 10.07.2020 TO 15.07.2020**

Topics covered:

Solution of numerical problems of

1. Flow and Non-flow processes
2. Heat and Reversed Heat Engines
3. Carnot Cycle and Change of Entropy
4. Steam Power Cycles
5. Vapour Compression Refrigeration Cycle
6. Psychrometric Properties and Processes

Mode: Online - Gotomeeting platform

Prerequisite: Knowledge in Basics of Thermodynamics

Registration Fee: Free

No. of Participants: Internal participants - 10, External participants - 20 (Only Faculty members handling Thermodynamics and having teaching experience not more than 5 years were shortlisted for this FDP).

E-certificates were given to the participants.

Resource Persons:

Experts from SVCE

Coordinators:

Dr. J. Venkatesan

Mr. A.K. Boobalasantilraj

Co-coordinator:

Mr. R. Sakthivel

FDP Schedule:

Day 1

Topic : Flow and Non-flow processes

Presenter : Dr. J. Venkatesan

Professor & Head - Automobile Engineering, SVCE.

Day 2

Topic : Heat and Reversed Heat Engines

Presenter : Dr. J. Venkatesan

Professor & Head - Automobile Engineering, SVCE.

Day 3

Topic : Carnot Cycle and Change of Entropy

Presenter : Dr. J. Venkatesan

Professor & Head - Automobile Engineering, SVCE.

Day 4

Topic : Steam Power Cycles

Presenter : Dr. J. Venkatesan

Professor & Head - Automobile Engineering, SVCE.

Day 5

Topic: Vapour Compression Refrigeration Cycle

Presenter: Dr. J. Venkatesan

Professor & Head - Automobile Engineering, SVCE.

Day 6

Topic: Psychrometric Properties and Processes

Presenter: Dr. J. Venkatesan

Professor & Head - Automobile Engineering, SVCE.

GoTo Meeting

Talking

Hide Everyone

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Problem Solving Techniques in Thermodynamics
Heat and Reversed Heat Engines

Dr. J. Venkatesan
Professor in Automobile Engineering
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur TK, Chennai - 602 017

VENKATESAN J is presenting

Mute All Unmute All

Boobalaseshthiraj A.K. (Org) [Muted]

SAKTHIVEL R - Me (Org) [Muted]

Venkatesan J (Org) [Muted]

A. Vembathurajesh [Muted]

GANESAN K [Muted]

Garima Singh [Muted]

J.Eswaran [Muted]

P.Vignesh [Muted]

MEETING ID: 813-392-581

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Meeting is unlocked

Mic Camera Screen Leave

10:01 PM 13/07/2020

GoTo Meeting

Talking

View Who's Talking

BAK

5.3%

Problem Solving Techniques in Thermodynamics
Flow and Non-Flow Processes

Dr. J. Venkatesan
Professor in Automobile Engineering
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur TK, Chennai - 602 017

VENKATESAN J is presenting

Mute All Unmute All

[Waiting for name:500006] [Muted]

A. Vembathurajesh [Muted]

GANESAN K [Muted]

Garima Singh [Muted]

Gowtham R [Muted]

J.Eswaran [Muted]

Karthik Gopal [Muted]

M HEMA KUMAR (Web) [Muted]

NAGARAJAN B [Muted]

SHANMUGASUNDARAM S [Muted]

MEETING ID: 417-108-949

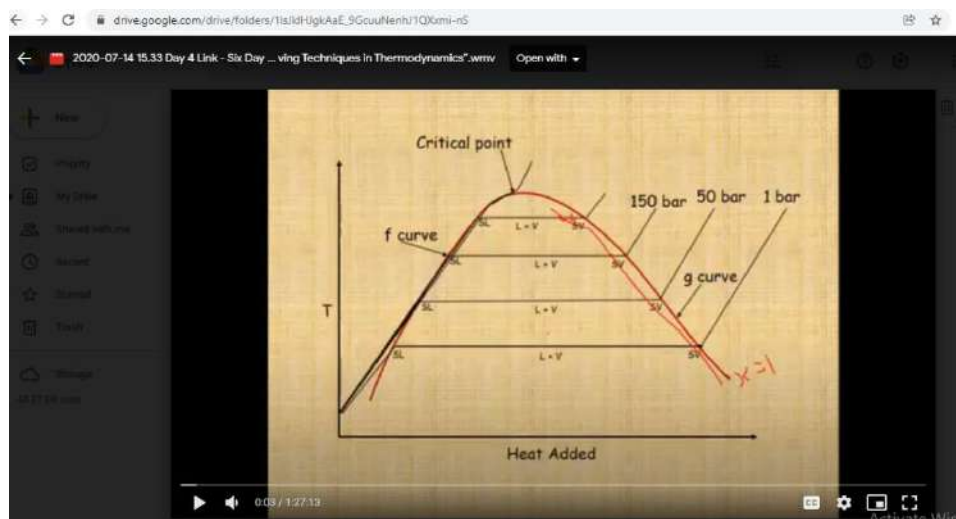
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10:09 PM 13/07/2020



Dr. J.Venkatesan Professor & HoD/AUT delivering the lecture ((through online-GoTo meeting Platform)

LIST OF PARTICIPANTS

S.No	Full Name of the Participant	Name of the Institution (College / University)
1	Mr. NAGARAJAN B	NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY, THENI
2	Mr. A. VEMBATHURAJESH	Nadar Saraswathi College of Engineering and Technology Theni
3	Mr.E.BALAKRISHNAN	Sri Sairam Institute of Technology
4	MS.TARUNA PATEL	RNGPIT,BARDOLI
5	Mr. M HEMA KUMAR	KCG COLLEGE OF TECHNOLOGY
6	Mr.P.VIGNESH	INDIRA INSTITUTE OF ENGINEERING AND TECHNOLOGY
7	Dr. V. Sumitha	Sri Venkateswara College of engineering
8	Mr.A.PANDIARAJA	Lathamathavan Engineering College
9	Mr. RAVI G	Sri Venkateswara College of engineering
10	Mr.S.Harikishore	Nadar Saraswathi College Of Engineering And Technology Theni
11	Mr MATHAN N	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
12	Mr. Gowtham R	Rajalakshmi Engineering college
13	Mr. S.ARUMUGAM	Sri Venkateswara College of engineering
14	Mr. V. SIVAGANESAN	Nadar Saraswathi College of Engineering and Technology
15	Mr Karthik Gopal	Sri Venkateswara College of engineering
16	Mr. SHANMUGASUNDARAM S	Sri Karpaga polytechnic college
17	Mr.J.Eswaran	Nadar Saraswathi College of Engineering and Technology
18	Ms. Garima Singh	Babu Banarasi Das National institute of technology and management
19	Mr. A. KUMARASWAMY	Sri Venkateswara College of engineering
20	Mr.S.THAYUMANAVAN	Sri Venkateswara College of engineering
21	Mr. R. NIRMAL KUMAR	C. Abdul Hakeem College of Engineering and Technology
22	Mr.R.BLESSING SAM RAJ	J.N.N INSTITUTE OF ENGINEERING
23	Mr.T.KARTHIKPRABHU	Jai Shriram Engineering College
24	Mr. BALAJI. E	Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
25	Mr.K PAUL DURAI	Sri Venkateswara College of engineering
26	Mr.M.SENTHAMIL SELVAN	Velammal Engineering College
27	Mr. RAMANJANEYULU KOLLA	Sri Venkateswara College of engineering
28	Dr. Ganesh V	Sri Venkateswara College of engineering
29	Mr. A BALASUBRAMANIAN	Sri Venkateswara College of engineering
30	Dr.S.PREMNATH	Sri Venkateswara College of engineering



SRI VENKATESWARA COLLEGE OF ENGINEERING

(Autonomous - Affiliated to Anna University)
Pennalur, Sriperumbudur (Tk) - 602 117 Tamil Nadu, India



Six Day Online FDP on "Problem Solving Techniques in Thermodynamics"

Date & Time

11.07.2020 to 16.07.2020
03.00 pm to 05.00 pm

Register using Link or QR code:
<https://forms.gle/p2FsC2TB4q9ay6kL7>

Topics to be Covered

- Solution of numerical problems of
 - Flow and Non-flow processes
 - Heat and Reversed Heat Engines
 - Carnot Cycle and Change of Entropy
 - Steam Power Cycles
 - Vapour Compression Refrigeration Cycle
 - Psychrometric Properties and Processes

Resource Persons

Experts from SVCE

No Registration Fee

Who can apply	Only Faculty members handling Thermodynamics and having teaching experience not more than 5 years
Prerequisite	Knowledge in Basics of Thermodynamics
Participation Certificate	e-Certificate will be issued to the participants who participated all the sessions
No. of Participants	Limited to 30 (in view of having effective interaction between Speaker and Participants)

Organised by

Department of Automobile Engineering

Coordinators

Dr. J. Venkatesan, Prof. & HoD
Mr. A. K. Boobalashenthilraj, Asst. Prof.

Co-coordinator

Mr. R. Sakthivel, Asst. Prof.

For registration related queries : boobal@svce.ac.in


Signature of the Head of the Department

Dr. J. VENKATESAN, M.E., Ph.D.
Professor & Head
Department of Automobile Engineering
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur Taluk-602 117
Tamil Nadu, India