

SRI VENKATESWARA COLLEGE OF ENGINEERING

Pennalur, Sriperumbudur Taluk — 602117.

Department of Mechanical Engineering



Five Days Faculty Development Program

on

“ME6601- DESIGN OF TRANSMISSION SYSTEMS”

Venue	: Mechatronics Laboratory, SVCE
Date	: 12-12-2016 to 16-12-2016
Time	: 8.30Am to 3:30Pm

Coordinator

HoD/MEC

Dr. S. RAMESH BABU, M.E., Ph.D
Professor & Head
Department of Mechanical Engineering
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur (TK) - 602117
Tamilnadu, INDIA

Department of Mechanical Engineering
Sri Venkateswara College of Engineering

24/10/2016

To: HOD-ME
SC
31/10

Approved
M. Raja
Oct 24, 2016

Submitted To the Principal

Through HOD/ME

Sir,

Sub:- Request to Conduct Faculty Development Program (self supporting) on "ME6601 Design of Transmission systems " from 21th Nov to 25th Nov 2016 (5 days) and to sanction a sum of Rs. 10, 000/- (Rupees Ten Thousand only)- reg.

Design of transmission systems is an important course for the Mechanical Engineering students of VI semester. In this regard, it is proposed to conduct the 5 days Faculty Development Program on "ME6601, Design of Transmission systems" from 21st Nov to 25th Nov 2016. The resource persons for this program will be the senior faculty members from Mechanical Engineering Department of our college, Anna University and other reputed colleges. This course will be benefitted for the Faculty Members who will be teaching this subject for the first time. ?

To meet out the expenditure, we also kindly request you to sanction a sum of Rs. 10,000/- . The detailed expected expenditure for the conduct of the course is enclosed for your kind perusal. Hence kind permission is requested to permit us to conduct the course and to sanction a sum of Rs. 10,000/- for the conduct of course.

Thank You

Yours truly

T. Raja
Dr. T. Raja (Professor)

J. Sivaramapandian
Mr. J. Sivaramapandian (Assistant Professor)

Recommended & forwarded to the principal for his approval and sanction a sum of Rs. 10,000/- to conduct this faculty development program.

Recommended &

forwarded to: The Secretary

TO: Principal HOD-ME

The faculty members to plan in advance and submit a proposal for funding from external agencies

M. Raja
Oct 28, 2016

REGISTRATION FORM

1. Name :
2. Designation:
3. Institute:
4. Address for Communication
5. Payment details:

DD.No. _____ Dated _____

Amount _____ Bank _____

6. Mobile:
7. Email :

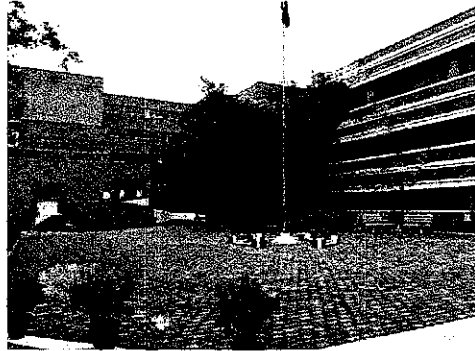
DECLARATION

The above information is true to the best of my knowledge. I agreed to abide the rules and regulations of the institute

Date:

Place:

Signature of the applicant



For information and registration:

Dr. T. Raja. Prof./Mechanical
Mail: traja@svce.ac.in - 9444245242

Mr. J. Sivaramapandian. AP/Mechanical
- 9500686941

Mail: sivaramapandian@svce.ac.in
Ph: 044-27152000 Ext. 400,401,405
Sri Venkateswara College of
Engineering.

Pennalur, Sriperumbudur 602117

FOOD & ACCOMODATION

Lunch and refreshments will be arranged by the institute. College transportation facilities can be utilized by the participants. Accommodation will be provided on rental basis at SVCE hostels by prior information. Boarding expenses shall be borne by the participants.

SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL
ENGINEERING



Faculty Development Program

on

**ME6601-Design of
Transmission systems**

Date:- 12-12-2016 to 16-12-2016

Convenor

Dr.S.Ramesh Babu,

Professor & Head/ME

Coordinators

Dr.T.Raja Prof./ME

Mr.J.Sivaramapandian, AP/ME.

REGISTRATION FORM

1. Name : G. SARAVANARAM
2. Designation: AP
3. Institute: Sri Venkateswara College
of Engineering
4. Address for Department of Mechanical
Communication SVCE Engineering
5. Payment details:

DD.No. _____ Dated _____

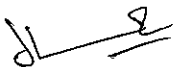
Amount _____ Bank _____
6. Mobile: 9176890846
7. Email : Saravaram@svce.
ac.in.

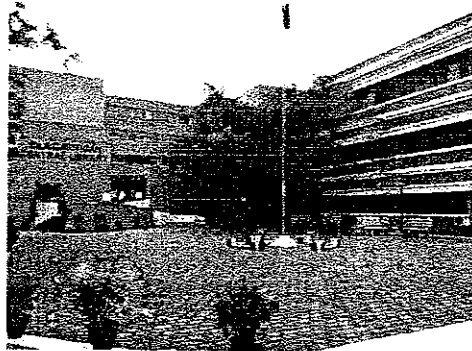
DECLARATION

The above information is true to the best of my knowledge. I agreed to abide the rules and regulations of the institute

Date: 9-12-16

Place: SVCE


Signature of the applicant



For information and registration:

Dr. T. Raja. Prof./Mechanical
Mail: traja@svce.ac.in - 9444245242

Mr. J. Sivaramapandian. AP/Mechanical
- 9500686941

Mail: sivaram@svce.ac.in
Ph: 044-27152000 Ext. 400,401,405

Sri Venkateswara College of
Engineering.

Pennalur, Sriperumbudur 602117

FOOD & ACCOMODATION

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SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL
ENGINEERING



Faculty Development Program

on

ME6601-Design of
Transmission systems

Date:- 12-12-2016 to 16-12-2016

Convenor

Dr.S.Ramesh Babu,
Professor & Head/ME

Coordinators

Dr.T.Raja Prof./ME

Mr.J.Sivaramapandian, AP/ME.

REGISTRATION FORM

1. Name : Dr. KIRUBAKARAN
2. Designation: ASSISTANT PROFESSOR
3. Institute: SVCE, PENNALUR.
4. Address for
Communication : SVCE, PENNALUR
5. Payment details:
DD.No. _____ Dated _____
Amount 500 Bank _____
6. Mobile: 8903626901
7. Email : kirubakaran@svce.ac.in

DECLARATION

The above information is true to the best of my knowledge. I agreed to abide the rules and regulations of the institute

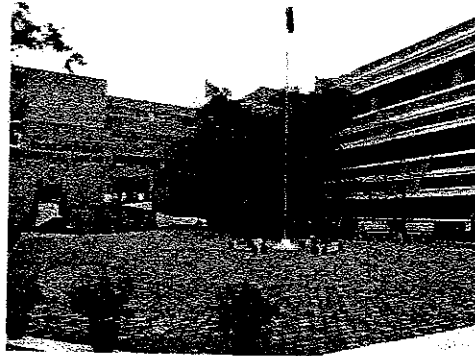
Date: 9/12/16

Place: Pennalur

Signature of the applicant [Signature]
9/12/16

Permitted

[Signature]
9/12/16



For information and registration:

Dr. T. Raja. Prof./Mechanical
Mail: traja@svce.ac.in - 9444245242

Mr. J. Sivaramapandian. AP/Mechanical
- 9500686941

Mail: sivaramapandian@svce.ac.in
Ph: 044-27152000 Ext. 400,401,405

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Pennalur, Sriperumbudur 602117

FOOD & ACCOMODATION

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SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL
ENGINEERING



Faculty Development Program

on

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Professor & Head/ME

Coordinators

Dr.T.Raja Prof./ME

Mr.J.Sivaramapandian, AP/ME.

**SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING
FACULTY DEVELOPMENT PROGRAM ON
ME6601-DESIGN OF TRANSMISSION SYSTEMS
REGISTRATION FORM**

1. Name : A. MOHAN
2. Designation: Asst. prof
3. Institute: VEL TECH
4. Years of Experience (Teaching / Industry): 3.5
5. UG specialization: B.E. MECHANICAL
6. PG Specialization: M.E. CAD/CAM
7. Area of interest: Design
8. Subject handled: Engineering Graphics,
Design of transmission system
Design of Machine element
9. Personal Email id: mohan@veltechengg.com
10. Mobile Number: 9884516436
11. Contact address: NO: 2396,
T.N.H.B,
AYAPAKKAM,
CHENNAI - 77

Signature of the Participant

A. Mohan

**SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING
FACULTY DEVELOPMENT PROGRAM ON
ME6601-DESIGN OF TRANSMISSION SYSTEMS
REGISTRATION FORM**

1. Name : B. MURALI
2. Designation: ASST. Prof
3. Institute: VELTECH Engineering College.
4. Years of Experience (Teaching / Industry): 3.5 Years.
5. UG specialization: ^{BE-} MECHANICAL
6. PG Specialization: ME - Engineering Design.
7. Area of interest: Composite Materials.
8. Subject handled: MM, DTS, DME, MT-II, Automobile Engg. EG.
9. Personal Email id: muralimech.b@gmail.com
10. Mobile Number: 9790501338
11. Contact address: Batebottom (Po)
Pochampalli (G.M)
Kishnagiri (CDT)


Signature of the Participant

**SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING
FACULTY DEVELOPMENT PROGRAM ON
ME6601-DESIGN OF TRANSMISSION SYSTEMS
REGISTRATION FORM**

1. Name : P. SANTHAMOORTHY
2. Designation: ASSISTANT PROFESSOR
3. Institute: GANADHARATHY TULSI'S JAIN ENGINEERING COLLEGE
4. Years of Experience (Teaching / Industry): 2 YEARS. TEACHING
5. UG specialization: MECHANICAL ENGINEERING
(B.E)
6. PG Specialization: ENGINEERING DESIGN
(M.E)
7. Area of interest: DESIGN OF TRANSMISSION SYSTEM
FINITE ELEMENT ANALYSIS.
8. Subject handled:
 - ENGINEERING THERMODYNAMICS
 - DESIGN OF MACHINE ELEMENT
9. Personal Email id: SANKU90711@gmail.com
10. Mobile Number: 9791322720 | 7260474729
11. Contact address: # 3/980 THIRUVALLUVAR NAGAR,
NANDUR, PULYANKANNUR,
RANIPET - 632404

Signature of the Participant : P. SANTHAMOORTHY

Sri Venkateswara College of Engineering
Department of Mechanical Engineering
Registration

S.No.	Name of the participants	Name of the College	Reg. FeeRs.500 DD/cash	Email.id	Contact number	Signature of the participants
1	M. Ganesan GANADIPATHY	GTEC, VELLORE	Cash	Ganesan_mech@ gtec.ac.in	7200224556 8098413030	M. Ganesan
2	P. Santhamoorthy	ENGINEERING COLLEGE, VELLORE GTEC, VELLORE	Cash	Santhamoorthy_mech@ gtec.ac.in	7200474729	P. Santhamoorthy
3	P. Bharathi	GTEC, VELLORE	Cash.	Bharathi_mech@ stec.ac.in	8122486401	P. Bharathi
4	G. Kirubakaran	SVCE, Pennalur	Cash	kirubakaran@svce. ac.in	8903626901	G. Kirubakaran
5	Dr. M. Mohandas	SVCE	Cash	mdms@svce.ac.in	9445235139	Dr. M. Mohandas
6	V. Sridharan	SVCE	Cash	sridharan@svce. ac.in	9790567576	V. Sridharan
7	S. Natarajan	SVCE	Cash	nataraj@svce. ac.in	9994515856	S. Natarajan
8	K. RAMPRASAD	SVCE	Cash	ramprasadk@ svce.ac.in	9566801941	K. Ramprasad
9	M. NISHAL	SVCE	Cash	nishal@ svce.ac.in	9677120751	M. Nishal
10	S. PONNUVEL	SVCE	Cash	Ponnuvel@ svce.ac.in	9551809101	S. Ponnuvel

(4)

FDP PROGRAM ON ME 6601 DESIGN OF TRANSMISSION SYSTEMS

DATE: 12-12-2016 TO 16-12-2016 Venue : Mechatronics Laboratory

Date	Forenoon	Afternoon
12-12-2016	Inauguration , Introduction, belt drives Dr. T. Raja & Dr. R. Ramesh	Rope and Chain drives Mr.C. Senthamarai Kannan AP/ME
13-12-2016	Introduction to gear drives Spur gears Dr.T.Raja, Prof/ME	Helical gears Prof.G.Ramya, REC
14-12-2016	Bevel gears Mr.V.Santhanam, Asso.prof-REC	Worm gears Mr.V.Santhanam, Asso.prof-REC
15-12-2016	Gear box Prof. S. Ramesh, ME	Gear box Dr.T.Raja, Prof/ME
16-12-2016	Clutches, brakes Mr. M. Maheshwaran, AP/ME	Design of Cams , Valedictory function Mr.J.Sivaramapandian, AP/ME

TIMINGS :

FORNOON SESSION : 9.00 AM to 12.30 AM

LUNCH BREAK : 12.30 PM to 1.15 PM.

AFTRENOON SESSION : 1.15 PM to 3.00PM

**SRI VENAKTESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING**

Schedule for inauguration

of

FDP on ME6601-Design of Transmission Systems

9.00 AM – PRAYER SONG

9.05 AM – Welcome Address

Dr.T.Raja,

Professor /Department of Mechanical Engineering,

SVCE.

9.20 AM – Hod Address

Dr.S.Rameshbabu,

Professor & Head

Department of Mechanical Engineering,

SVCE.

9.35 AM- Chief Guest Address

Dr.K.Pitchandi ,

Controller of Examination,

SVCE.

9.50 AM - Introduction about FDP sections

Dr.T.Raja,

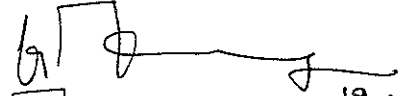
Professor /Department of Mechanical Engineering,

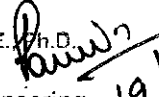
SVCE.

10.00 am – Tea Break

Sri Venkateswara College of Engineering
Department of Mechanical Engineering
Faculty Development Program on
ME6601/Design of Transmission Systems
Attendance Sheet

S. NO	Name of the Participants	Name of the College / Designation	14/12/2016		15/12/2016		16/12/2016		17/12/2016		19/12/2016	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Mr.M.Ganesan	GTEC/AP	M-L	M-L	M-L	M-L	M-L	M-L	M-L	M-L	M-L	M-L
2	Mr.P.Santhamoorthy	GTEC/AP	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S	P-S
3	Mr.P.Bharathi	GTEC/AP	P-B	P-B	P-B	P-B	P-B	P-B	P-B	P-B	P-B	P-B
4	Mr.G.Kirubakaran	SVCE/AP	G-K	G-K	G-K	G-K	G-K	G-K	G-K	G-K	G-K	G-K
5	Dr.M.Mohandass	SVCE/ Asso.Prof.	M	M	M	M	M	M	M	M	M	M
6	Mr.V.Sridharan	SVCE/AP	V-S	V-S	V-S	V-S	V-S	V-S	V-S	V-S	V-S	V-S

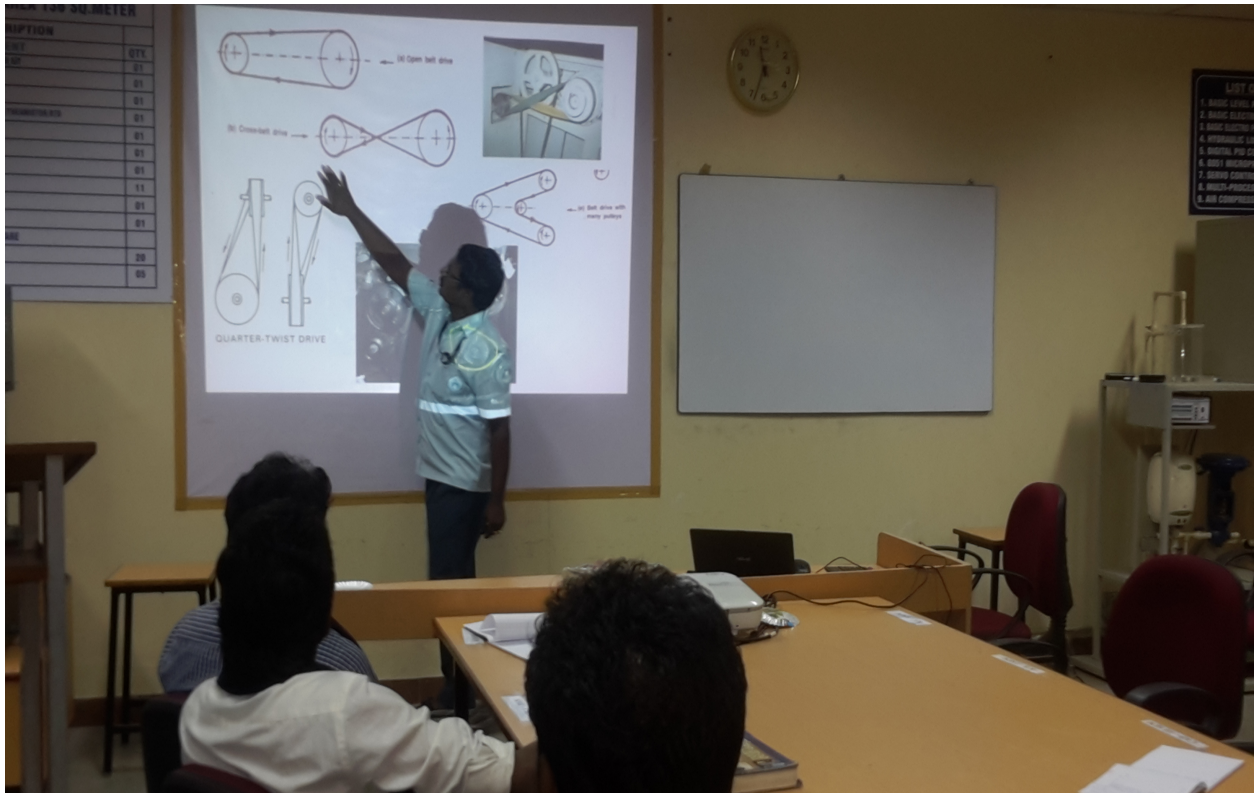
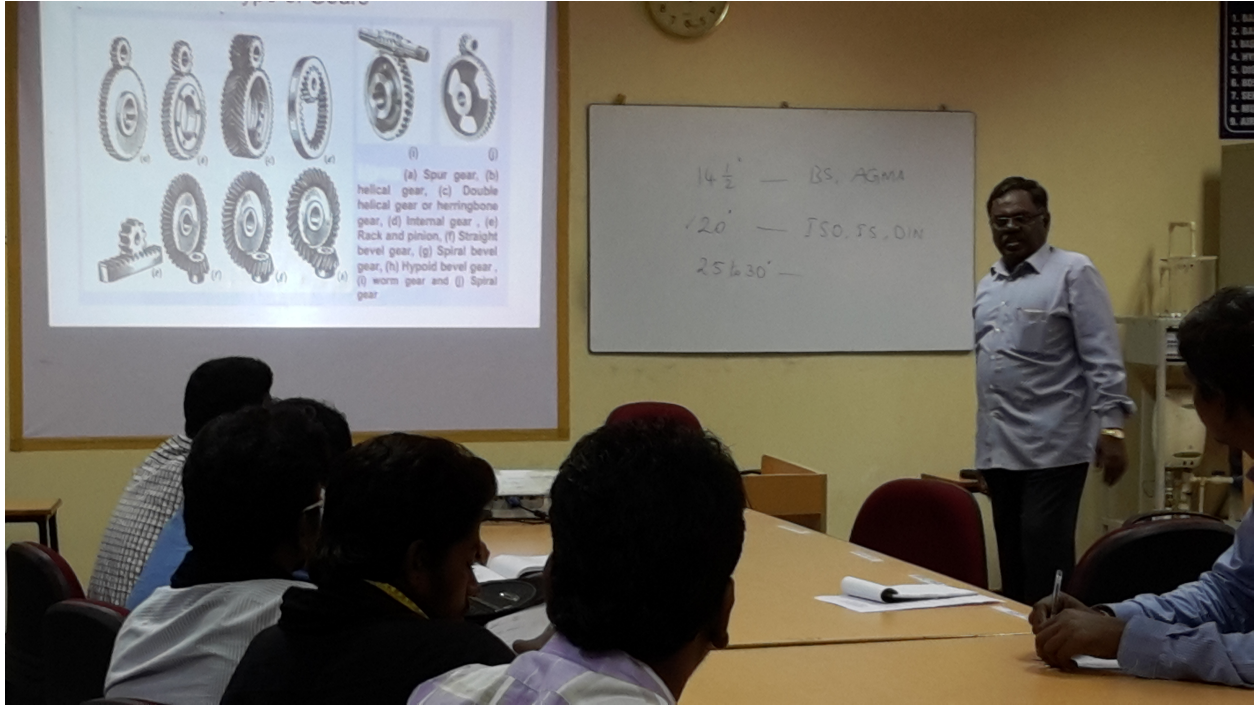

 19.12.2016
 Mr. G. KIRUBAKARAN,
 AP/MEC

Dr. S. RAMESH BABU, M.E., Ph.D.
 Professor & Head
 Department of Mechanical Engineering
 SRI VENKATESWARA COLLEGE OF ENGINEERING
 Pennalur, Sriperumbudur (Tk.) - 602 117

 19/12/2016

Photos

FDP lectures by Experts





Valedictory Address by HOD



Valedictory Address by Coordinator





SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPT. OF MECHANICAL ENGINEERING



FDP ON ME6601 – DESIGN OF TRANSMISSION SYSTEMS
(14-12-2016 To 19-12-2016)

Participant feed back

Kindly rate the following on a scale of 1 to 5 (5 being the highest):

No.	Questionnaire	Rating
1.	Registration and venue arrangement	5
2.	Time Management	5
3.	Planning of Sessions	5
4.	Content & delivery of sessions	5
5.	Expertise of resource persons on topics handled	4
6.	Level of objective fulfilment	4
7.	Hospitality	4
8.	Transport / Accommodation arrangement	4

Kindly tick on your choice:

9.	Will you recommend this FDP to your friends and colleagues?	Strongly <input checked="" type="checkbox"/> recommend	Recommend	Will not recommend
	Will you be willing to attend other FDPs organized by us?	Readily Yes	<input checked="" type="checkbox"/> Yes	No
11.	Increase in confidence level on the subject	High <input checked="" type="checkbox"/>	Medium	Low

Participant Name and institution	Signature
M. Ganagan, GJEC	



SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPT. OF MECHANICAL ENGINEERING



FDP ON ME6601 – DESIGN OF TRANSMISSION SYSTEMS
(14-12-2016 To 19-12-2016)

Participant feed back

Kindly rate the following on a scale of 1 to 5 (5 being the highest):

S. No.	Questionnaire	Rating
1.	Registration and venue arrangement	4
2.	Time Management	5
3.	Planning of Sessions	4
4.	Content & delivery of sessions	4
5.	Expertise of resource persons on topics handled	4
6.	Level of objective fulfilment	5
7.	Hospitality	4
8.	Transport / Accommodation arrangement	4

Kindly tick on your choice:

9.	Will you recommend this FDP to your friends and colleagues?	Strongly recommend	<input checked="" type="checkbox"/> Recommend	Will not recommend
10	Will you be willing to attend other FDPs organized by us?	Readily Yes	<input checked="" type="checkbox"/> Yes	No
11.	Increase in confidence level on the subject	High <input checked="" type="checkbox"/>	Medium	Low

Participant Name and institution	Signature
A. Mohan, VEL TSCA	



**SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPT. OF MECHANICAL ENGINEERING**



**FDP ON ME6601 – DESIGN OF TRANSMISSION SYSTEMS
(14-12-2016 To 19-12-2016)**

Participant feed back

Kindly rate the following on a scale of 1 to 5 (5 being the highest):

S. No.	Questionnaire	Rating
1.	Registration and venue arrangement	5
2.	Time Management	4
3.	Planning of Sessions	4
4.	Content & delivery of sessions	4
5.	Expertise of resource persons on topics handled	4
6.	Level of objective fulfilment	5
7.	Hospitality	4
8.	Transport / Accommodation arrangement	4

Kindly tick on your choice:

9.	Will you recommend this FDP to your friends and colleagues?	Strongly recommend	Recommend ✓	Will not recommend
10	Will you be willing to attend other FDPs organized by us?	Readily Yes	Yes ✓	No
11.	Increase in confidence level on the subject	High	Medium ✓	Low

Participant Name and institution	Signature
B. MORALI, VELS TECH	



SRI VENKATESWARA COLLEGE OF ENGINEERING

Penallur, Sriperumbudur Taluk-602117

(An Autonomous Institution)

(Approved by AICTE and Affiliated to Anna University, Chennai)

ISO 9001 : 2000
APPROVED BY IRQS



FACULTY DEVELOPMENT PROGRAM on

“ME6601 - DESIGN OF TRANSMISSION SYSTEMS”

CERTIFICATE OF PARTICIPANTS

**This is to certify that Dr. / Mr. / Ms of
..... has attended the Faculty
Development Program on “ME6601 – DESIGN OF TRANSMISSION SYSTEMS”
organized by the Department of Mechanical Engineering, Sri Venkateswara
College of Engineering, Penallur from 14/12/2016 to 19/12/2016.**

**Dr.T.RAJA
CO-ORDINATOR**

**Dr.S.RAMESH BABU
HOD-ME**

**Dr.S. GANESH VAIDYANATHAN
PRINCIPAL**

Sri Venkateswara College of Engineering
Department of Mechanical Engineering

Faculty Development Program on “ME6601- Design of Transmission Systems”

– Detailed Report

The Department of Mechanical Engineering had organized a five days Faculty Development Program on **ME6601-Design of Transmission Systems** from **14th- 19th December 2016**. The program was conducted in Mechatronics laboratory of our college. The program was inaugurated by Dr.K.Pitchandi, Controller of Examinations, SVCE on 14th December 2016. The program started with a prayer song. Dr. T.Raja, Professor and program coordinator delivered the welcome address. He explained about the teaching and how the subject has to be explained to the students. He also explained about the program schedule and overall view about the subject. Dr.S.Ramesh Babu, Head, Department of Mechanical Engineering addressed the gathering about the various departmental activities carried over. He also explained about the concepts in Design and other domain related with each others. Dr.K.Pitchandi, the chief guest during his address stressed the teaching passions for the young teachers. He also stressed the importance of design and gave ideas about how the design is related to all engineering applications in thermal engineering and also the recent trends.

The attendees for the program were the young faculty members from various Engineering colleges of Tamilnadu. 5 external participants and 9 internal participants registered for the program. The attendees enthusiastically attended all the sessions and also had a very good interaction with the expert members. All the participants appreciated the way in which the program was organized, the hospitality provided to them and also their increase in confidence level related to this topic. All the participants gave a very good feedback about the conduct of the course and also mentioned that they will encourage their colleagues to attend any faculty development program being organized in SVCE in future.

The valedictory function was held on 19th December 2016 at 2.00 pm. Dr.T.Raja Coordinator welcome all faculty and participants for the valedictory function. He explained about the various sessions conducted and the feedback from the resource persons. Dr. S.Ramesh Babu HOD, Mechanical Engineering delivered the presidential address. Dr. J.Venkatesan, Head of the Department Automobile Engineering Department delivered the valedictory address. Dr. J. Venkatesan distributed the certificates to the participants, Resource person and the certificate of appreciation to the coordinators. Participants delivered open feedback about the program. They said that the program was organized well and the resource persons gave very good information about the subject. They said that they gained the confidence in handling the subject. Mr.J.Sivaramapandian Coordinator proposed the vote of thanks to all the resource persons, participants and the management. The program ended with National Anthem.



Coordinator



HOD