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Sri Venkateswara College of Engineering Mail - Invitation for online webinar on 26 February 2021 organized by AUT - Reg



RAVI G Aut <gravi@svce.ac.in>

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## Invitation for online webinar on 26 February 2021 organized by AUT - Reg

1 message

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**RAVI G Aut** <gravi@svce.ac.in>

Fri, Feb 26, 2021 at 9:45 AM

To: HoD AUT <hodae@svce.ac.in>, GANESH V AUT <vinaganesh@svce.ac.in>, Paul Durai K Aut <pauldurai@svce.ac.in>, DHANABAL J AUT <jdhanabal@svce.ac.in>, PREMNATH S AUT <prem@svce.ac.in>, vijayarangan.deepak@gmail.com, RAMANJANEYULU KOLLA AUT - SVCE <ramanjaneyulu@svce.ac.in>, SAKTHIVEL R AUT <rsakthivel@svce.ac.in>, Boobalaseshthilraj Aut <boobal@svce.ac.in>, BALASUBRAMANIAN A AUT <abals@svce.ac.in>

Cc: automobilesvce2k18@googlegroups.com, svceautomobile2019-2023@googlegroups.com, svceautomobile2017-2021@googlegroups.com

Dear Sir,  
Kindly forward this mail to SVCE faculty members.

Dear All,

The Association of Automobile Engineers organizing an Online Webinar on 26 February 2021, 10.00 AM through google meet.

We cordially invite you for the same. the invitation is attached for your reference.

Google Meet link for the online guest lecture: <https://meet.google.com/iss-pvus-dww>

The Invitation for the online guest lecture is enclosed for your kind reference

With Regards

Ravi G

Assistant Professor

Department of Automobile Engineering

SVCE

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 **Clutch fundamentals.pdf**  
178K



**Autonomous -Affiliated to Anna University  
Sriperumbudur - 602 117**

**ASSOCIATION OF AUTOMOBILE ENGINEERS**

*solicit your esteemed presence for the*

*Online Webinar*

*on*

**Clutch Fundamentals**

**by**

**Mr. V. Deepak**

**Lead- Engineering**

**Mahindra & Mahindra Limited**

**Chennai**

**Meeting Link** : <https://meet.google.com/iss-pvus-dww>

**Date** : 26<sup>th</sup> February 2021

**Time** : 09.45 A.M – 11.15 A.M

*ALL ARE CORDIALLY INVITED*



**SRI VENKATESWARA COLLEGE OF ENGINEERING (SVCE)**  
**PENNALUR, SRIPERUMBUDUR-602117**  
**Department Of Automobile Engineering**  
**Guest Lecture Report**

**Date: 26/02/2021**

**Time: 9.45 a.m.- 11.45 a.m**

**Guest Name:** . Mr. V. Deepak, Lead- Engineering, Mahindra & Mahindra Limited  
Chennai

**Topic: Clutch Fundamentals**

Objectives. The webinar goal is the general intention of understanding the working of clutch design fundamentals.

**About the programme:**

The Head of the department inaugurated the talk and around 96 students from the second, third years have participated the guest lecture. The chief guest introduction was given the Mr.G. Ravi, Assistant Professor, and Department of Automobile Engineering. After Chief Guest introduction the guest started to share his presentation. The following clutch fundamentals were explained in detail.

A Clutch is a machine member used to connect the driving shaft to a driven shaft, so that the driven shaft may be started or stopped at will, without stopping the driving shaft. A clutch thus provides an interruptible connection between two rotating shafts. Clutches allow a high inertia load to be started with a small power. A popularly known application of clutch is in automotive vehicles where it is used to connect the engine and the gear box. Here the clutch enables to crank and start the engine disengaging the transmission. Disengage the transmission and change the gear to alter the torque on the wheels. Clutches are also used extensively in production machinery of all types.  
Function of Clutch:

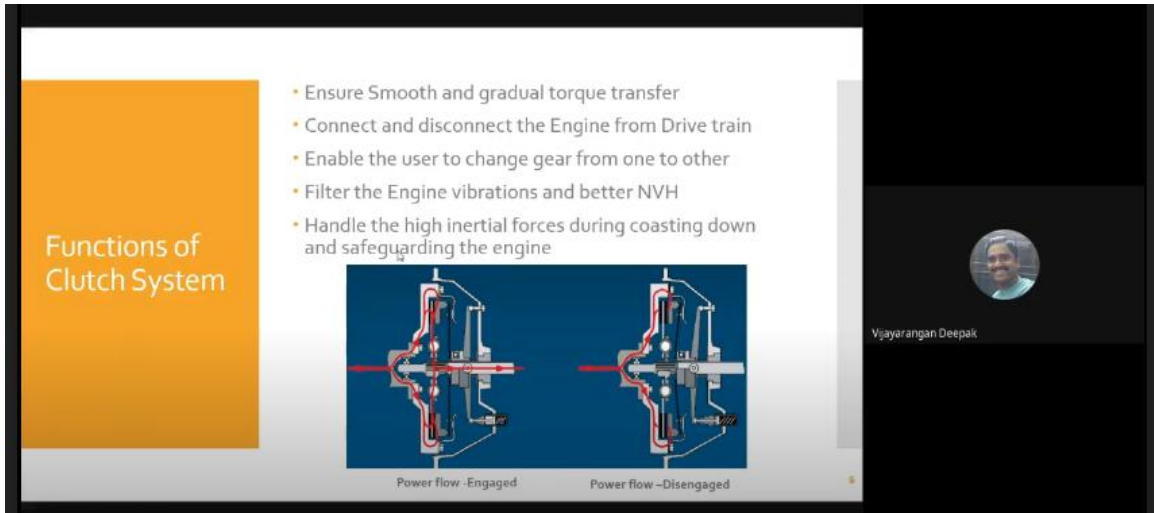
- 1) To permit engagement or disengagement of a gear when the vehicle is
- 2) stationary and the engine is running.
- 3) To transmit the engine power to the road wheels smoothly without
- 4) shock to the transmission system while setting the vehicle in motion.
- 5) To permit the engaging of the gears when the vehicle is in motion
- 6) without damaging the gear wheels.
- 7) To allow the engine to take up load gradually without shock or jerk.


The clutch allows engine power to be applied gradually when a vehicle is starting out, interrupts power to the transmission to avoid gear clashing when shifting and prevents engine stalling when bringing the vehicle to a stop. Engaging the clutch (clutch pedal fully raised) allows power to transfer from the engine to the transmission and drive

wheels. Disengaging the clutch (clutch pedal fully depressed) stops the power transfer and allows the engine to continue turning without force to the drive wheels.

Finally the clutch design aspects were explained by the chief guest and ended the program by 12.00 pm. The session was opened to the students for questions. All the questions were answered by the guest.

### Photos of the lecture



  
**Coordinator**  
**G Ravi**  
**Assistant Professor**  
**Department of Automobile Engineering**

  
**HOD/AUT**

**List of Participants- II year**


<b>S.no</b>	<b>Register number</b>	<b>Student Name</b>
1.	190101001	ABINESH V
2.	190101002	BALASUBRAMANI V
3.	190101003	BENNETT JOSEPH D
4.	190101004	DHANUSH S K
5.	190101005	DHARANI S
6.	190101006	GAUTHAM G
7.	190101007	GIRIDHARAN R
8.	190101008	GNANAPRAKASH S
9.	190101009	GOWTHAM S
10.	190101010	GUNASEELAN K
11.	190101011	GURUVIKNESH B
12.	190101012	HARIHARA SUDHAN R
13.	190101013	JANAKIRAMAN B
14.	190101014	JASPAR JEYANTH J
15.	190101015	KALARANJAN N
16.	190101016	KAVIN B
17.	190101017	KISHORE KUMAR M
18.	190101018	LOKESH K
19.	190101019	RAGUL M
20.	190101020	RIDDHIKA R
21.	190101021	ROHITH RAJA S
22.	190101022	SABARISH R
23.	190101023	SHIBICHAKARAVARTHY S
24.	190101024	SIVASANKARAN K
25.	190101025	SOLAIYAPPAN S P
26.	190101026	SRIRAM MURUGAPPAN M
27.	190101027	SUDHARSHAN K V
28.	190101028	SURIAPRASATH K
29.	190101029	TAMILARASU S
30.	190101030	THARUN P S
31.	190101031	UJWAL GOEL
32.	190101032	UMARALI A
33.	190101033	VAIGUNDHA VASAN P

34.	190101034	VIBIN PRASAD V R
35.	190101035	VIMAL P
36.	190101036	VISHWANTH R
37.	190101037	YOGESHWARAN R
38.	190101038	YUVARAJ R

**List of participants -III year**

<b>S.no</b>	<b>Register number</b>	<b>Student Name</b>
1.	180101001	AAKASH MOHAN
2.	180101002	ANEESH SAI K.N
3.	180101003	ARIHANTH S S
4.	180101004	ARINDAM BALAJI RAO
5.	180101005	CHANDRU S
6.	180101006	DARSHAN SOMANI
7.	180101007	DHANUSH SRINIVASAN K
8.	180101008	DILIP KUMAR R
9.	180101009	FAREEZ KHAN R
10.	180101011	GIRIRAJAN M B
11.	180101012	GOPALAKRISHNAN E
12.	180101013	HARI PRASAD R
13.	180101014	JAI HARISH P C
14.	180101015	JAYAKAR K C
15.	180101016	JUSTIN JASPER C
16.	180101017	KAARTHIKEYAN S
17.	180101018	KAMALESH D
18.	180101019	KAMESH B
19.	180101020	KAUSHIK MS
20.	180101021	LOHITH S
21.	180101022	MANISH R
22.	180101023	MANOJ PRAKASHAN M
23.	180101025	NALLAMOTHU HARSHITH SAI
24.	180101026	NANDAGOPAL G
25.	180101028	NITHESH R B
26.	180101029	NITHISHVARDAN A V J
27.	180101030	PADMASEKAR A
28.	180101031	PRAGALPHA J
29.	180101032	PRAJEETH S

30.	180101033	PUGHAZENTHI R
31.	180101034	RAMAKRISHNAN B.R
32.	180101035	ROSHAN KRISHNA S V
33.	180101036	SANJAY SARAN J
34.	180101037	SARANRAJ S
35.	180101038	SARATH KUMAR B
36.	180101039	SETHURAMAN BL
37.	180101040	SHANMUGA SUNDARAM S.P
38.	180101041	SHASANGAN PERUMAL S
39.	180101042	SHOAB AKTHAR J
40.	180101043	SHREE RAM VISHAAL S
41.	180101044	SRIRAM M
42.	180101045	SUDHARSAN S
43.	180101046	TAMILARASAN S
44.	180101047	VISHNU PRABHU K G
45.	180101048	YOKESH K
46.	180101049	YOKESH KUMAAR R
47.	180101301	BHAVAN SHANKAR S
48.	180101302	DHARUMARAJA D A
49.	180101303	GOKULAKRISHNAN E
50.	180101304	GOKULAN R
51.	180101305	GOVIND G
52.	180101306	GOWTHAM M
53.	180101307	MOHAMED THOUFEEQ H
54.	180101308	PIRIYADARSHAN U
55.	180101309	SAI CHAITANYA C
56.	180101310	SAMRAJ S
57.	180101311	SHYAM SUNDAR V
58.	180101312	VINOTHKUMAR P

  
**Coordinator**  
**G Ravi**  
 Assistant Professor  
 Department of Automobile Engineering

  
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