



**SIES Graduate School of Technology**  
Sri Chandrasekarendra Saraswati Vidyapuram  
Sector 5, Nerul, Navimumbai-400706

**Department of Mechanical Engineering**  
**Event Report**

**Automobile Workshop for MGM School Nerul**  
(01/09/2018)

<b>Event Information</b>
<b>Event Type:</b> Interaction
<b>Event title:</b> Automobile workshop for MGM school Nerul
<b>Event date:</b> 01/09/2018
<b>Organized for:</b> All students (All Branches)
<b>Organized by:</b> Mechanical Department (SAE Council)
<b>Target audience (branch &amp; nos.):</b> All Students
<b>Attachments:</b> 1. Photographs (in JPEG/PNG) 2. Attendance Report (in JPEG/PNG)

## Event Description

For students of school of an automotive workshop was held in SIES college on 01/09/2020. This workshop gave students a brief idea about working of an automobile vehicle, operation of machines like lathe machine, angle grinder, bench grinder, etc. and also about the use of CAD softwares. It was conducted in our college's workshop.

### **Morning session**

The workshop was started with the students were explained about the illustration of chassis. Its types, etc. after this, they were given the explanation about the wheel assembly department, where they were explained about traction force, tire nomenclature, etc. They were given a lunch break of one hour. After that, session of drivetrain department was conducted. they were taught about the functioning of engine, Continuous variable transmission, gearbox. After this part, session of suspension department was organized, wherein they were taught about the double wishbone suspension, leaf spring suspension and their significance. They were given a refreshment break wherein they were provided with a soft drink and fast food.

### **Afternoon Session**

The session started with introduction to steering department, in which they were given a brief idea about various steering mechanisms like Ackermann geometry, pro-Ackermann, etc. Students were then taken to the machine shop of our college, where they were taught about the working of the lathe machine, various operations performed on it and its industrial appliances. Thereafter they were briefed about the various software like solid works, Ansys, etc, which our team uses in making the design of our vehicle. After this, they were introduced to different fabrication like cutting, grinding, profiling, polishing and welding. At the end of the day, fun activity was organized where assembly and disassembly of vehicle was carried by students under the guidance of the seniors and thereafter refreshments were provided.




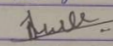

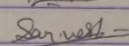
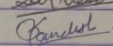








# 1. Photographs (in JPEG/PNG)



## 2. Attendance Report

1/7/2018

MGM SECONDARY SCHOOL, NERUL (W)

SR. NO.	NAME OF PARTICIPANT	SIGNATURE
1	Nitin Katta	
2	Lekhna Ovathu	
3	Ruchi Singh	
4	Irshan Mulani	
5	Hrishikesh Drove	
6	Sarvesh Chokke	
7	Vandana Mishra	
8	Prathmesh Gawde	
9	Pratik Jadhav	
10	Shreya Gharat	
11	Abrahim Sultan	
12	TORAHIM SHAIKH	
13	Yash Patil	
14	Sahil Yadav	
15	Sahil Bane	

2020/11/05 15:23

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