

A three day Workshop on "Wheel Balancing and Wheel Alignment Machine"

Resorce Person: Prof. O. S. Gadre, Assistant Professor, Automobile Department.

Total Participant: 09

Venue: Vehicle Maintenance Lab (Automobile Department)

Program Coordinator: Prof. S. D. Rawool

The workshop for non-teaching staff started on 01st June 2020. There were 9 participant.

The Dignitaries on stage were Dr. M. M. Bhagwat, Principal, RMCET; Prof. R. D. Wategaonkar, HOD, Automobile Department; Prof. O. S. Gadre, Assistant Professor, Automobile Department; Mr. S. D. Rawool, Program coordinator, Automobile Department.

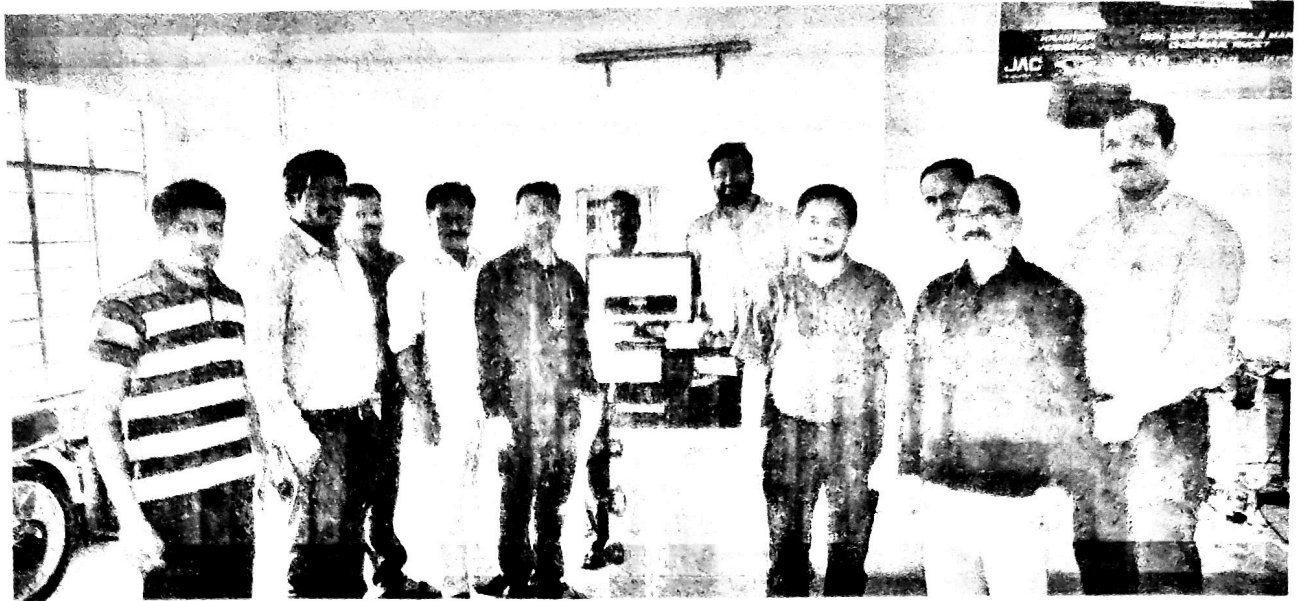
Opening remarks for the workshop were given by Dr. M. M. Bhagwat, which was followed by introduction to the workshop by Prof. R. D. Wategaonkar. He also give glimpse on the activities going on in Automobile Department.

The Program progress with the lecture at 11:00 am by Prof. O. S. Gadre, in which he mainly focused on the need of wheel balancing. Wheel balancing is integral to smooth driving, safety, tyre wear, and stability, and allows the tyres to spin without causing vibrations. Distinct from wheel alignment, tyre balancing refers to compensation for any weight imbalances in the tyre/wheel combination. It is often performed in conjunction with wheel alignment.

When balancing your wheels, wheels should always be balanced off the car, as the modern wheel balancer does both dynamic and static balance simultaneously. If the driver have an out-of-balance condition on the steering, have all four wheels balanced, front and back. Unbalanced wheels on the rear can often be felt through the steering.

After a lunch a hand on session was organized on wheel balancing machine.





Second day started off with the lecture of Prof. O. S. Gadre on basics of wheel alignment machine. Wheel alignment involves the adjustment of vehicle's suspension to ensure the tires are straight and in line with the rest of the car. Proper wheel alignment plays an important role in the safety and effectiveness of the vehicle. Making sure that vehicle's wheels are properly aligned ensures that car is performing safely and efficiently, keeping occupant safe. Misaligned wheels can cause problems while driving and affect vehicle in different ways. Routine wheel alignment benefits fuel efficiency, tire wear, tire performance, vehicle handling, and maneuverability.


The Lecture was followed by a practical session on "Wheel Alignment Machine".




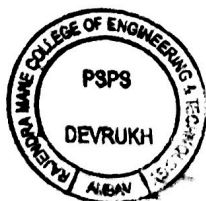


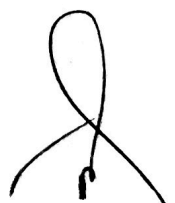
Last day started with the lecture of Prof. O. S. Gadre on "General Car checkup". The lecture was followed by a practical session.

This led to the end of the series of lectures in the three days programme. A concluding session followed after the tea break in which participants shared their experiences. Most of them talked about their enriching experience at the FDP. Thereafter Prof. R. D. Wategaonkar gave his concluding remarks. In the end Prof. S. D. Rawool gave the vote of thanks and concluded the three day workshop.


Prof. S. D. Rawool
Program coordinator


Prof. R. D. Wategaonkar
HOD, Automobile
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Workshop on "Wheel Balancing and Wheel Alignment Machine"

Date: 01 to 03 June 2022

Venue: Vehicle Maintenance Lab

Sr. No.	Name of the Participant	01/06/2022		02/06/2022		03/06/2022	
		M	E	M	E	M	E
1	Saurabh Sanyam Ghosh						
2	Amiket v. Surore						
3	Maresh G. Tadhar						
4	Sanil Pandurang Saravart						
5	G.H. Srinivasa,						
6	Rohit R Murkoy						
7	Damodh N. Chaudhari						
8	Sujit G. Indulkar						
9	Sunil G. Kedar'						
10							

Coordinator
 Mr. S. D. Rawool