

GRADE XI - FIELD VISIT

DEERWALK AUTO SERVICES

Event Details

Date: Bhadra 3, 2079

Location: Deerwalk Auto Services, Kalopul

Departure Time: 9:25 am

Visit Hours: 9:40 am to 11:25 pm

Returned:: 11:35 am

Number of Visitors: 64 students + 4 Teachers

Teachers: Sarak Dangol, Madhu Sudhan Bhusal , Sagina Maharjan and Rasmita Timalinsa

DSS had organized a field visit at Deerwalk Auto Services, Kalopul, on Bhadra 3 for grade XI. It was organized to let the students get a closer view about the automotive industry by the school. The field trip started at 9:30 am and came to an end at approximately 11:30 am. We were accompanied by three faculty members Sarak Dangol, Madhu Sudan Bhusal, Sagina Maharjan and Rasmita Timlinsa.

We reached the destination at around 9:35 am then we waited for a few minutes before starting to explore and learn about the automotive industry through Deerwalk Auto Services. Our class was divided into three groups and accordingly turnwise everyone was guided towards the Auto service. There were two professionals who were helping us to observe and get more information about the automotive industry and the auto mechanical stuff.

The professionals guided us about the step-by-step procedure by which the vehicles were repaired in detail. First of all they introduced us to how they dealt with the customers when they register their problem. A small survey and a form has to be filled before the other process starts as the mechanics need to have a clear idea about what the actual problem with the vehicle is. Similarly, there is a customer care service in the entry of the office which handles all the things

related to the delivery, communication and other inquiries. Then when we entered the company, on the left side there was a Spare Part room where there were oil filters, Toyota genuine parts, and shell helix. The room was only accessible to authorized personnel so we were only able to get the outside view.

In front of the Spare Part room, there was an Engine Repair Room where the damaged engines were kept to be repaired as it was not possible to do outside and it required space. There were two mechanics working on the engines during our visit. By the side of the engine repair room the cars were kept with the hydraulic lift separated by the tags from 'Bay 1 to 6'. The professional also helped us to observe the mechanism of the hydraulic lifts as well as the other important machines like H2 cleaner, which were significant for the maintenance of vehicles. There was also a cylinder filled with oxygen gas kept for plastic and aluminum winding.

Then we went to the area of painting and denting. There was a car which was being painted gray when we reached the painting area. We also learned why painting is important and how it is done. After that we headed towards the wheel balancing and 3d wheel alignment room. There we learned about 3d wheel alignment and wheel balancing. Currently, the most cutting-edge method of determining a vehicle's chassis is the 3D wheel alignment. Each wheel has a reflector fitted for the 3D measurement. The coordinates of the reflectors are recorded by special cameras and sent to a computer.

Finally we reached the carwash. We were amazed to see the cars being washed at such a high water pressure from the pipes. They also let us experience how the car was washed. We also learned there that regular car washing is an excellent idea to preserve the paint and clear coat. Bird droppings, road grit, and rain-related residue can all harm your car's surface. Both bugs and bird droppings, which release amino acids as they degrade, eat away at the finish. After that the professionals also show us that fire doesn't work in diesel but in petrol.

It was an amazing experience to learn about the different things related to the automotive industry. We are grateful to the school for letting us take this wonderful trip and have new experiences that we will unquestionably treasure for a very long time. Overall, the students

benefited greatly from the trip and were able to take advantage of the opportunity to try something new and make new memories. We anticipate that the school will regularly take us on such excursions and support the students' development through such in-person interactions.