

IEP-2017

“INTERNATIONAL EXPERIENCE
PROGRAM”

GERMANY

(UNIVERSITY OF WISMAR)

FROM 18th June TO 17th July

AUTOMOBILE ENGINEERING-
(GUJARAT TECHNOLOGICAL
UNIVERSITY)



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Acknowledgement

Immeasurable appreciation and deepest gratitude for the help and support are extended to the following persons in making this international experience program a worthy one.

IEP department (Gujarat technological university) for guiding us and making this program happen.

Prof. Norbert Grünwald – director hochschule Wismar, for always standing besides us and encouraging us.

Prof. Manfred ahn , for teaching us wonderfully the subject of transportation management and laws.

Ms.Malgorzata zakarewska, for training us for the workshop on leadership.

Ms. Jelena zascerinska, for guiding us and taking care of us.

Prof.Navinchandra sheth- vice chancellor (Gujarat technological university), for visiting us at Wismar.

Dr. Parul bhati, for being besides us and being our mentor.

To all the principles and head of automobile engineering department of or respective colleges.

List of participants

SR NO	NAME	INSTITUTE
1	ROHAN PATEL	AD PATEL KARAMSAD
2	YASH PATEL	AD PATEL KARAMSAD
3	UJJAVAL KATHIRIYA	AD PATEL KARAMSAD
4	YASH PATEL	AD PATEL KARAMSAD
5	PRIYANK GOLAKIYA	ITM UNIVERSE VADODARA
6	RISHI GOENKA	LJIT AHMEDABAD
7	VASHISHTHA PATEL	LJIT AHMEDABAD
8	DHRUMIL SHAH	LJIT AHMEDABAD
9	JEET RANA	GIDC ENGG. NAVSARI
10	RUCHIT TAMBOLI	GIDC ENGG. NAVSARI
11	YASH PATEL	GIDC ENGG. NAVSARI

INTRODUCTION

The main objective of IEP is to gain the knowledge and get an international exposure. The overall aim of international visit is to collect and to share good knowledge and lessons learned at Wismar University, regarding automobile engineering . we studied following subjects listed below.

Among all students selected in IEP by GTU, one group left for Germany on 17th June, 2017 from Sardar Vallabh Bhai Patel International Airport, Ahmadabad.

The flight took us to Dubai. From Dubai we boarded the connecting flight to Hamburg. From Hamburg we reached Wismar via bus.

By the time we reached Wismar it was 4:00Pm and the mighty sun was there to welcome us!!

We were allotted the rooms and everyone was tired and suffering from jet lag. Even though we all were tired, the very next day we had to start with our lectures.

The subjects we learned during the international experience program are as below.

1. TRANSPORT MANAGEMENT AND LAWS BY PROF.MANFRED AHN
2. WORKSHOP ON LEADERSHIP AND SOCIAL CAPITAL (POLAND) BY MS.MALGORZATA ZAKAREWSKA

SCHEDULE

Time Table 2017 AE

Day	08:15-09:45	09:45-10:00	10:00-11:30	11:30-11:45	11:45-12:30	Room	Remarks	
Th	Arrival, handing over keys, kitchen devices, German students introduce Wismar							
Fr								
Sa	Arrival							
Su	13:45 hour, Pick Up from Hamburg Airport							
Mo	Lecture A	break	Lecture A	break	Lecture A	Haus1/Raum102		
Tu	Lecture A	break	Lecture A	break	Lecture A	Haus1/Raum102		
We	Lecture A	break	Lecture A	break	Lecture A	Haus1/Raum102		
Th	Lecture A	break	Lecture A	break	Lecture A	Haus1/Raum102	Excursion Porsche Leipzig, Start 07:45, student hostel, tour starts 14:00	
Fr	Lecture A	break	Lecture A	break	Lecture A	Haus1/Raum102		
Sa	Relaxation							
Su	Relaxation							
Mo	Lecture A	break	Lecture A	break	Lecture A	Haus1/Raum102	Excursion VW Dresden "Glaserne Manufaktur", start 05:45 from student hostel, tour starts 13:30	
Tu	Lecture A	break	Lecture A	break	Lecture A	Haus1/Raum102	Visit of Egger Company Wismar, Start 13:15 hour from student hostel	
We	Lecture A	break	Lecture A	break	Lecture A	Haus1/Raum102		
Th	Lecture A	break	Lecture A	break	Lecture A	Haus1/Raum102	Excursion VW Wolfsburg, Start 08:45 hour, student hostel	
Fr	Lecture A	break	Lecture A	break	Lecture A	Haus1/Raum102		
Sa	Relaxation							
Su	Relaxation							
Mo	Lecture B	break	Lecture B	break	Lecture B	Haus1/Raum102	15:00 hour: Meeting with the Mayor of Wismar, Town Hall	
Tu	Lecture B	break	Lecture B	break	Lecture B	Haus1/Raum102		
We	Lecture B	break	Lecture B	break	Lecture B	Haus1/Raum102		
Th	Lecture B	break	Lecture B	break	Lecture B	Haus1/Raum102		
Fr	Lecture B	break	Lecture B	break	Lecture B	Haus1/Raum102		
Sa	Relaxation							
Su	Relaxation							
Mo								Start with bus to Szczecin : 08:45 hour
Tu								Szczecin
We	Excursions							Szczecin
Th								Start with bus to Wismar : 11:45 hour
Fr								
Sa	Departure							
Su	Departure							

Lecture A: Transport Management and Laws Prof. Dr.-Ing Manfred Ahn
Lecture B: Entrepreneurship/Leadership Ms mgr Malgorzata Zakrzewska

We had total 10 days for transport management and laws and 5 days workshop for leadership and social capital including 5 excursions.

LIST OF EXCURSIONS

SR NO.	PLANT	PLACE	DATE
1	PORSCHE	LEIPZIG	22/06/2017
2	VOLKSWAGEN	DRESDEN	26/06/2017
3	EGGER	WISMAR	27/06/2017
4	VOLKSWAGEN	WOLFSBURG	29/06/2017
5	WEBASTO	NEUBRANDENBERGER	12/06/2017

- We also met the mayor of Wismar in Wismar town hall on 3rd July, where the mayor himself gave us information of Wismar town.

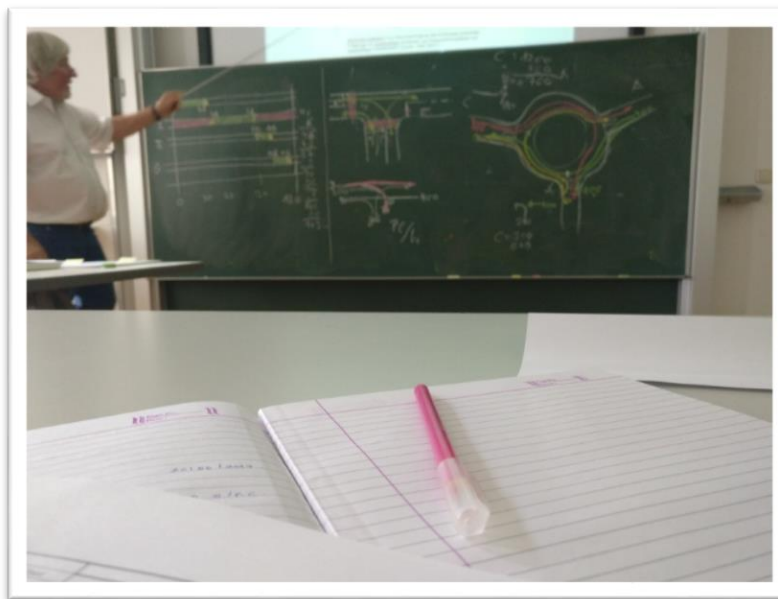
REPORT

First week

On Monday, at 08:15 am our class started with an orientation lecture to guide us about the vicinity and we received our college Id's and internet access details.

We were shown the canteen (Mensa), library and the laboratory to make us familiar with the study environment. Our timetable was set to begin at 08:15 in the morning till 12:30 afternoon.

With the starting of first week at the university, the subject of transport management and laws was taught by Professor Manfred ahn .



(Classroom of university)

In 1st week we had 4 lectures of transport management and laws and including one visit at Porsche Leipzig. In this plant Porsche makes three different cars models (PANAMERA, CAYENNE, and MACAN).

Leipzig is 370 km away from Wismar. In first week we learned about different types of intersection and traffic simulations during lectures of transport management.



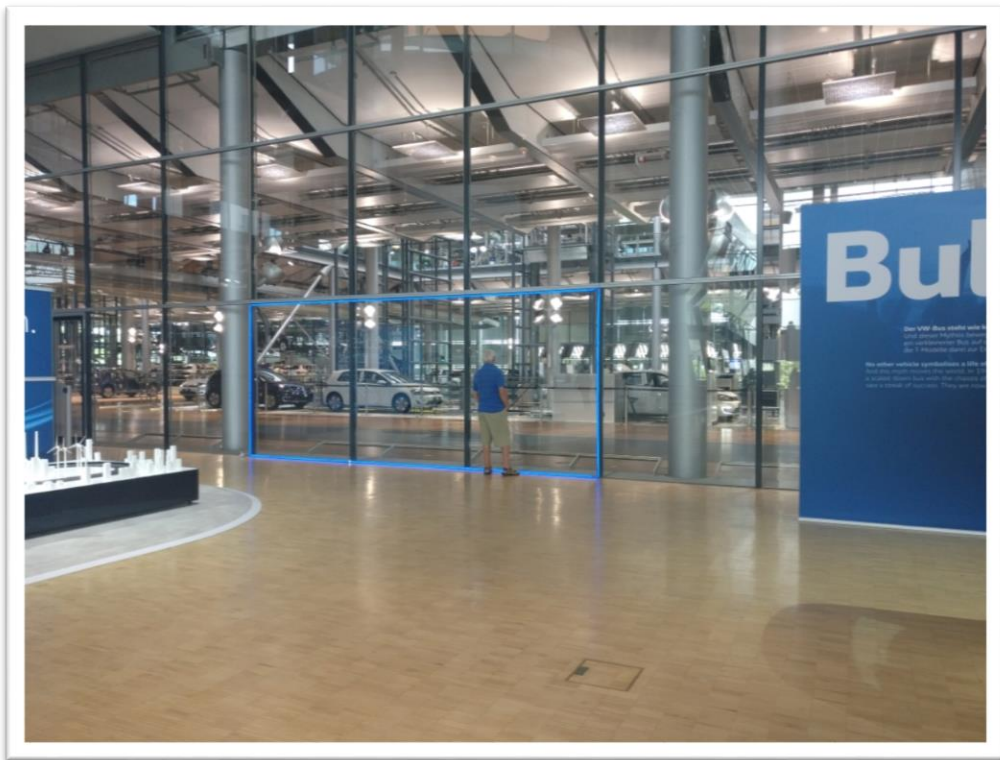
(Group photo Porsche)

SECOND WEEK

We had 3 lectures of transport management, including subject test and 3 excursions at Volkswagen , Dresden, Egger Company ,Wismar and Volkswagen ,Wolfsburg.

During the second week we learned about different laws and traffic management and laws during the lectures and we also had test for the same on 30th June.

1. Our 1st visit in 2nd week was at Dresden (Volkswagen) which is 440 km from Wismar where they make electric vehicles(Volkswagen polo). Where we came to know about the followings listed below.



(Volkswagen Dresden)

Electric cargo transport ›

The blue Cargo tram is once again running along the tram network in the heart of Dresden. On board: assembly components for the e-Golf.

Mobility for the last mile ›

Experience the ever-expanding world of micro mobility Solutions.

e test drive ›

Learned all about electro mobility – on a test drive at the glass manufacture E-Golf
consumption data: electricity consumption in kWh/100 km: 12.7 (combined), CO₂ emissions in g/km: 0, efficiency class A+.

Egger Company Wismar



(Egger Company)

Present At 17 locations in the world , Austria, Germany, France, Great Britain, Romania, Russia and Turkey, Egger produces wood products with a production

capacity of 7.59 m³ (as of 2014/15). Egger operates 24 sales offices worldwide, mostly in Europe, but also four offices in Asia and one in Australia and Chile.

In the year 2014/15 the approximately 7400 employees with the chip, OSB and MDF boards and the products further processed from them generated a consolidated annual turnover of 2.26 billion Euros. EUR 6.1 million was spent on research and development. Compared to the year 2008/09, the increase in production capacity by 20.7% and 30.4% more employees resulted in an increase of 50.7%.

Products

The company's product range covers products for furniture and interior design, structural timber construction and flooring (including accessories).

Volkswagen wolfsburg



(Volkswagen Wolfsburg)

Cars produced

- Volkswagen Golf
- Volkswagen Golf Sports van
- Volkswagen Golf GTE
- Volkswagen Golf Estate
- Volkswagen Tourna
- Volkswagen Tiguan

Third week

Attended Work shop on leadership and social capital and also had meeting with the mayor of Wismar.

During the workshop we learned about leadership communication which was taught by ms.malgorzata zakarewska.



(Classroom of university)

With mayor of wismar on 3rd July.



(Mayor of Wismar)

During the meeting he told us about Wismar's history city planning and future planning details.

On 4th July vice chancellor of GTU Mr. Navinchandra sheth visited us at wismar.



(Vice chancellor of GTU)

We had talks with the honorable VC regarding our study experience in Wismar and how we were feeling studying in Wismar.

Fourth week

On Sunday 9th July we went for Szczecin (Poland) by bus and we reached Szczecin by afternoon and on the same day we locally visited the city.

During 3 days visit in Szczecin we completed our workshop and gave the examination for the same ,on the last day of workshop we were also taken for water sports activity.

We returned back to Wismar on 12th July while returning we had also visited the Webasto (automobile heater and sunroof manufacturing).



(Webasto plant)

And after the visit we came back to Wismar and we prepared for our departure on Sunday.

IEP students automobile engineering 2017



Thanks giving.

We would like to thank Gujarat technological university for giving us the opportunity to enroll in the international experience program – 2017 at university of Wismar, Germany. It was a very wonderful and knowledgeable experience we had at university of Wismar ,by studying there for four weeks.

Our thanks to Dr. Parul bhati for always being there for us and being our mentor during the program. We would also like to thanks Jelena zascerinska for guiding us in every aspects. We would also like to thank Prof. Norbert for organizing worthy excursions. Special thanks to Prof. manfred for teaching us the subject of transportation managemenand laws. Our thanking to Ms.malgorzata zakarewska(maggie) for giving us wonderful lessons on leadership. We would also like to thanks vice chancellor of Gujarat technological university for visiting us at Wismar.

We personally would love to thank our respective college's principle and head of department of automobile engineering.