



**G. H. PATEL COLLEGE OF ENGINEERING &
TECHNOLOGY
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Report

Alumni Talk : Scope of higher study and opportunities in the field of mechatronics at Germany

We were lucky to have with us Mr Harsh Patel a GCET student of the batch 2007 for the talk on Study outside INDIA especially in Germany where he did his Masters in Applied Science from the Hochschule Darmstadt University of Applied Science.

He is working as R&D engineer at Germany with Gammerler since the last 8 months. Head of Department Dr Sanket Bhavsar introduced him as a student here at GCET and talked about his skill set which helped him develop a unique personality which enhanced him as a professional. Professor Mr Saurin Sheth also introduced him with elegance and told how was he as a student here at GCET for those 4 years.





Harsh then presented his very informative talk on Scope of higher study and opportunities in the field of mechatronics at Germany which basically constituted of 3 major components- Scope, Future Aspect and Q/A at the end.

He gave us the information about the course that he did- MSc in Electrical Engineering where he told us how the system works there; the universities there have semester system with 1 year of learning(lectures and labs) and the second year of Internship and Master Thesis completion which would finally fetch them the Degree. He was very much interested in Automation and specially in Industrial automation which was his subject there. He also studied Advanced Robotics, Advanced software development in Java and application management, and Project management which constituted of strategy and chaining of the processes that were handled.

Then one of the most important part of his learning program was the Internship in which he was a part of a research institute and

worked on Medicine Technology and Micromachining (Hybrid Machining) and how deep they study and apply those for new innovative solutions to the present problems!

He then told us about the importance of the software's which helped him apply his concept and make his idea more clear.

Finally talking about his Master Thesis and widened our horizon on the new upcoming techniques of combined machining. His topic-Development of an Adoptable pivot point mechanism led to a major advantage in machining complex shapes and also in micro-nano assembly and told us about the hardships that he faced and the POC that he made using CAD and other high-tech software's.

Before ending his talk he told about the perks of living outside and the fun that he had and the role he's having as the R&D engineer in his company. He pictorially took us to a small tour to his company and some parts of Germany and made us aware of the top tech innovations there.

At the end some of our enthusiasts had a nice Q/A session with him and he answered the basic queries that we had very nicely and helped us by developing a clear vision for studying there.

The Session ended by presenting him a token of love from the family of GCET and the Mechatronics Department. Harsh and Pathik then talked about some of their instances from their time at GCET as students and we had a lot of fun having them.

At the end we the students of third year Mechatronics want to thank the department for bringing the Alumni's and helping us shape our dreams and aspirations.