CIRCULAR

Immersion Global is offering a 12-day Global immersion program on “Modern Aerospace Engineering with elements of Robotics” during 15.07.2024 to 26.07.2024 for higher semester students at Warsaw University of Technology, Poland.

The approximate cost break-up for the program is as follows:

This program cost is Rs.1,10,000/- + 5% tax which includes Program fee, accommodation, Airport / University campus / airport transfers, but excluding flight ticket charges, visa charges, food, personal sightseeing (entry ticket) expenses.

Interested students of Anna University, Chennai (CEG, ACT, SAP and MIT campuses) can apply for this immersion program. Students can send their application forwarded from their Head of the Department to the Director, Centre for International Relations on or before 15th March 2024. More details are attached on the next page.

Kindly register through the following weblink:

https://docs.google.com/forms/d/e/1FAIpQLSfusUt4jEOR4Z8X4Pp5w4JMzBXrCpdGA0quDtT9bN-LAtl5Pw/viewform?usp=pp_url

DIRECTOR

To
All Deans of campuses
All Directors and HODs (With a request to display on notice board)
Established in 1895, the Warsaw University of Technology is an academic institution of higher learning, shaping the future social elites educated people with a broad outlook on the world, conscious of their own views but also understanding and respecting the world views of others. The University gives shape to the minds of its student, forges their characters, awakens in them the kind of creative attitudes engineers should display, furnishing them not only with knowledge but also with skills. Working uninterruptedly, the University has been producing generations of graduates and has had an increasing number of scientific and technical achievements.

It is the best technical university in Poland; in the ranking of Polish universities, it has taken the first place in its category for fifteen years. At Warsaw University of Technology, over 160 student research groups, organisations and associations are active, and the educational offer includes many fields of study (also with English as a medium of instruction).

The Faculty of Power and Aeronautical Engineering was established in 1960 by joining the former Faculties of Aeronautics and Mechanical Design. The purpose of the fusion was to create a department offering education in the most important branches of engineering, as one can say, producing a catalyst by a technical progress. The Faculty, in view of both, the intellectual capacity as well as its experimental background, is perfectly suited to become the research centre for aeronautical sciences as well as power and heat transfer technology in Poland, providing a forum for interesting meetings, seminars and even “brain storming” sessions. With such variety of interfering fields of science like aerospace technology, power engineering, robotics, ecological technology for energy transfer, biomechanics and robotics, being explored and developed at the same place, the Faculty offers excellent prospects stimulating scientific progress as well.

http://immersionglobal.com/
COURSE SUMMARY

Modern aerospace engineering with elements of robotic.

• Series of lectures and labs are scheduled within the course.
• The main goal of the course is to deliver the basic knowledge about aerospace engineering and robotics with their subfields. The program includes about 12 hours of Robotic and 20 hours of Aerospace Engineering.
• During the classes, students will learn about historical facts of the aviation and robotics as well as get insights to past and current industrial and research trends. The future developmental trends of the robotics will be finally introduced.
• In the next part of the course, the students will be familiarized with basic robotics and aeronautical terminology. Elementary knowledge about the aerodynamics and aircraft anatomy will be outlined. The course will cover the key aspects of aircraft design philosophy.
• The students will learn about principle of aircraft flight and its modelling. Moreover, the elementary of aircrafts’ instruments and the operation of navigation systems will be explained.
• Theoretical principles will be underpinned by practical examples presented in labs.

Basic students skills required:

• Interest in engineering, basic technical knowledge
• Project (5hrs): Students are expected to propose their own concepts in a mini project on what they learn

*The course contents may be modified (if necessary)*
The proposed courses (summer schools) will be conducted by the Faculty of Power and Aerospace Engineering.

- One lecture hour includes 45 minutes of lecture and 15 minutes break. One laboratory hour includes 60 minutes of classes.
- Courses are conducted in English.

**The Program fee covers:**

- Tuition fees
- Accommodation - The students will be accommodated in university accommodation, two students in one room
- Airport-University/ Campus-Airport transfers
- All local travel - Warsaw City travel card - for unlimited travel within city.

**The fee does not cover**

Flight ticket / Visa Charges / Food / out of Warsaw travel & other personal expenses.

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**THE IMMERSION PROGRAM DETAILS**

Program Duration: 2 weeks

Program Schedule: 15 - 26 July 2024

Program Fee: `110000/- + 5% GST

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**Warsaw Awaits You!**

Application Submission Deadline
15th March 2024

Fee Payment Deadline
30th March 2024

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Standing on the River Vistula, Warsaw is the capital and largest city of Poland. Warsaw offers so many things to do and see and has everything you want when you’re going on a city break; incredible landmarks; beautiful old town streets and squares; lively parks and gardens; cool museums; hearty local food; vibrant nightlife.

The Old Town is the oldest part of Warsaw — the King’s Castle and its surrounding walls were built in the 13th century. Most of the area was destroyed by the Nazis during World War II but was meticulously rebuilt — a project that was finally completed in the 1980s and earned a place on the UNESCO World Heritage List. Today it is a lively place full of galleries, cafés and restaurants.

With stunning modern buildings alongside pre-war architecture, there’s no denying that Warsaw is one good-looking (and interesting) city. While some landmarks were reconstructed like the Old Town and Royal Castle, you can also find historic buildings that had survived the war like the Wilanow Palace.

Other important landmarks like the Palace of Culture and Science were built after the war and they are breathtaking beauties that you wouldn’t want to miss.

Church of St. Martin (Kościół św. Marcina), Old Town Market Square (Rynek Starego Miasta), Royal Łazienki Park, Royal Route, Palace of Culture and Science, Warsaw Uprising Museum, Tomb of the Unknown Soldier, Warsaw Uprising Monument, Copernicus Science Centre are some of the must do’s in Warsaw. Krakow & Auschwitz are places to see.