



GERMAN CENTRE FOR ADVANCED ENGINEERING AND MANAGEMENT STUDIES

P.E.P

Project Exchange Program



About GEMS



GEMS: German center for Advanced Engineering and Management Studies is a branch of Indo-Euro Synchronization, which was keenly in to technology transfer and research activities in various corners of the world along with their European partners. Currently with our program - Project Exchange Program (PEP), we are encouraging the students to solve the European research/industry problem by providing an opportunity to solve the real world problem at one of our partner academic/research alliance in Germany. This program offers project exchange in the field of Automobile Engineering in cooperation with Automotive Research center - Technical University of Chemnitz. Structures, Medical applications, Human centric Engineering in cooperation with Sports Engineering department under Mechanical Engineering - Technical University Chemnitz. Mechatronics, Automation and Industrial Robotics with APS GmbH - European Centre for Mechatronics, Aachen along with few guest lectures form FH Aachen & RWTH Aachen University experts. General Management and leadership courses with Steinbeis Global Institute under Steinbeis University, Berlin. Manufacturing, Mechanical, Electrical, High performance computing with Steinbeis Institute for Advanced Studies, Research and Entrepreneurship under Steinbeis University Berlin, etc

About Indo-Euro Synchronization

Indo-Euro Synchronization is an initiative created by a group of experienced technical and business professionals to Connect India and Europe closer together. With our diverse and wide set of knowledge about both the Indian and European academic and business environment, our aim is to form a technological transfer bridge between all participants. Through our activities, we strive to create a better technological future by enabling closer collaboration and knowledge exchange between universities, companies, supporting organizations and students from India and Europe. We believe that three elements are required for a closer common development: Educational programs, research partnerships and cluster collaborations. Our educational programs are executed in partnership with leading universities, allowing Indian students and professionals to travel to Europe. Participants gain a comprehensive insight into the local industrial situation while at the same time enhancing their professional skills and career prospects through additional education. Research partnerships are enabled by connecting industrial and research institutes through common events. This broadens the scope and speed of technology transfer between all parties, allowing European and Indian companies to take advantage of each other's unique abilities and features. Cluster collaborations are encouraged on a national and supra-national level by leveraging our existing network of partners. By combining all three elements, we believe that we can contribute to a stronger and better world.





PEP Course disciplines and Research/Industrial Project Topics

Automation and Robotics	Automobile	Computer Science	Electrical and Electronics	Management Studies
Industrial Robots Programing. Practical Implementation. Industrial Automation	Structures, Designing, Hydrogen Fuel Cells, Alternative test drive systems, Human centric Engineering	Networking, Big data, High performance computing applications	Embedded Systems, Sensors, Circuit designing for various Industrial/Research applications	General Management, Leadership, Logistics, Theoretical and practical issues of world business

Eligibility	3 rd and final year students of U.G. and P.G. Degree Courses
Course Duration	6 Months (3 months in Germany + 3 months in Home Country)
Course Fee	3500 Euro

Benefits to the Students

- Unique opportunity to work and obtain hands on experience on European Research/Industrial Projects being 3 months in Germany
- German University Certification
- Language course. Cultural/Industrial exposure
- 30 credit points, which can be carry forward in further education. (if further education in similar domain)
- Online teaching support from German experts while student in home country
- Chance to visit the various German industries, universities, European career fairs



How to Apply?

We recommend interested candidate to send a cover letter and resume to consult@indoeurosync.com, by specifying the area of interested course discipline.

Further procedure will be guided accordingly. Currently admissions are open.

Number of seats: 25 in each course discipline.

Application will be considered on for first come first basis and candidate's academic profile







Contact Us :



**Indo Euro
Synchronization**

Education and Research Resources

Indo-Euro Synchronization

-  Kapuzinergraben 38, 52062 Aachen.
-  Telephone (Germany): 0049 241 41 21 2572
Mobile (Germany): +49 176 32 44 35 40
-  Email: consult@indoeurosync.com
-  Web: www.indoeurosync.com

Course execution partners: SITRE - Steinbeis University Berlin, European center for Mechatronics - APS GmbH, Automotive Research Center - TU Chemnitz, Sports Engineering Department - TU Chemnitz, Steinbeis Institute of Global Management, Export Akademie Baden Württemberg - Stuttgart, Germany

