

INTERNATIONAL CENTER FOR APPLIED SCIENCES (I.C.A.S.)

International Engineering
Twinning Program, Manipal
University





I.C.A.S.

- The I.C.A.S program, an initiative of Manipal University is a unique 4 year engineering twinning program started in 1994
- The students complete the first 2 years of the program in Manipal University, India and the following 2 years in a premium university in USA, UK, Australia, Canada, Dubai and Malaysia
- Upon graduation, students are awarded an engineering degree from the foreign university and provided with placement opportunities
- With 80 prestigious universities to choose from, along with the opportunity to pursue any other university of their choice, students have a wide array of options for the final two years of the program

The Program in a Nutshell

- An international engineering degree from renowned universities abroad
- Partnership with 34 premier universities in USA ,UK ,Australia, Canada, Malaysia and Dubai
- Internationally recognized and globally accepted curriculum
- 16 engineering disciplines
- Students are eligible to apply for credit transfers to other renowned institutes
- Opportunities for paid internships abroad
- Exposure to global engineering standards, work culture and environment



Partner Universities



Partner Universities



USA

- University of Illinois – Urbana Champagne
- Drexel University
- Andrews University, Berrien Springs
- Milwaukee School of Engineering
- North Dakota State University (NDSU), Fargo
- St. Cloud State University, Minnesota
- Polytechnic University, New York
- Russ College of Engineering, Athens
- University of Missouri, Kansas City
- Wright State University
- The University at Buffalo, Buffalo, New York
- University of Cincinnati, Ohio
- University of Dayton, Ohio
- Southern Illinois University, Carbondale

Partner Universities



UK

- City University, London
- Lancaster University, Lancaster
- Sheffield Hallam University, Sheffield
- University of Leicester, Leicester
- University of Nottingham, U.K
- Edinburgh Napier University, U.K
- University of Birmingham, U.K
- University of Strathclyde



CANADA

- Queen's University, Kingston

Partner Universities



Australia

- University of Queensland
- Australian National University
- Deakin University, Geelong, Victoria
- University of New South Wales, Sydney
- Flinders University, Adelaide
- University of Technology, Sydney
- Queensland University of Technology, Brisbane
- RMIT University, Melbourne
- Federation University, Australia



Malaysia

- Manipal International University



Dubai

- Manipal University

A Student's Journey

Program Pathway

**1st &
2nd
Year**

At Manipal University

*Only 1st Year for
Aerospace / Aviation /
Architecture*

- > Start your engineering program in one of the best colleges in India.
- > Build a strong foundation for global engineering career.

**3rd &
4th
Year**

At a University Abroad

*2nd, 3rd and 4th
Years for Aerospace /
Aviation / Architecture*

- > Complete your engineering program and receive degree from a Premier Institute.
- > Get global exposure and placements.

**Graduate with an engineering degree
from an international university**



Benefits of the Program



Benefits of the Program



International Engineering Degree

- An internationally recognized degree and exposure to global teaching methodologies and lab facilities
- Ensures a successful career in the chosen engineering discipline
- Exposure to world-class teaching methodologies
- Opportunities for paid internships abroad
- Average salary packages ranging from USD 50000 to 85000



World Renowned Partner Universities

- Partnerships with 34 premier institutes in USA, UK, Australia, Canada & Malaysia
- Global internship and job opportunities
- Easy acceptance of credit transfers by the partner universities
- Final engineering degree offered from the foreign universities
- Placement opportunities facilitated by the international universities

Benefits of the Program



Face to Face interaction with Partner University Delegates

- Delegates from various partner universities visit Manipal for student counselling and guidance
- The interaction provides parents and students to have a better understanding of the destination university, the education system, the faculty and other requirements



Affordable Education

- Since the first two years of the program is conducted in India, students save upto 40% of the total cost



Flexibility

- Students can change their branch after 1st semester or in the university abroad.

Benefits of the Program



Credit Transfer Facility

- Credit transfer system at par with international standards and are accepted in over 75 premier institutes across the world
- The credits gained in the first two years of the course is equivalent to international university credits



Our Alumni Recruiters



Eligibility

Students who meet the below mentioned criteria are eligible for the ICAS program:

- Pass 10+2 (CBSE, ICSE, 'A' Levels, IB, HSC, OSSD, American High School Diploma) or equivalent examination.
- Minimum of 60% (aggregate) or 'C' grade in English, Physics and Mathematics with Chemistry or Biology or Computer Science or Biotechnology or Electronics as optional subjects in the 12th standard
- Students from Non-English medium of instruction are eligible to apply if they obtain a score of above 90 in the TOEFL exam
- Engineering Drawing or Biology as optional subjects for admission to B.Arch
- Students seeking admission to Architecture at ICAS need to have minimum of 80 out of 200 in NATA exam
- Diploma holders (after 10th) are not eligible for the program

Fee Structure

YEAR	CAMPUS	COURSE FEES	LIVING AND OTHER EXPENSES
1	Manipal	INR 3,75,000	Approx. INR 125000-175000
	Dubai	AED 39,000	Approx AED 30,000 – 50,000
2	Manipal	INR 3,25,000	Approx. INR 125000-175000
	Dubai	AED 39,000	Approx AED 30,000 – 50,000
3	Abroad	US\$ 15,000 - \$50,000 (May Vary)	Approx. US\$ 10,000 - \$15,000
4	Abroad	US\$ 15,000 - \$50,000 (May Vary)	Approx. US\$ 10,000 - \$15,000

Note:

- Tuition fees for Year 3 and 4 will depend on the university to which the student will transfer. The above mentioned figures are approximate. Living expenses in both Manipal University and International campuses are approximate.
- The first year fee for Architecture and Aviation/Aerospace will be Rs 3,75,000 and the following years fees will be based on which university to which the student will transfer.
- The students who opt for BSc (Applied Sciences) degree and continue their studies at Manipal, have to pay the third year tuition fee as prescribed by the University from time to time.
- Laptop computers will be given to all students admitted to this course