



**INTERNATIONAL CENTRE
FOR APPLIED SCIENCES**
MANIPAL
(A constituent unit of MAHE, Manipal)

**THINK
ENGINEERING.
THINK
GLOBAL.**

ADMISSION PROSPECTUS 2023



INTERNATIONAL TRANSFER PROGRAM IN ENGINEERING

Leading Opportunity to Graduate from a top University Abroad

Manipal Academy of Higher Education

Manipal Academy of Higher Education (MAHE) is a premier Deemed to be University under Section 3 of the UGC Act, 1956, Government of India. It has just been accorded the prestigious 'Institution of Eminence' Status by Ministry of Education, Government of India and is Ranked #1 in QS World University Rankings amongst the Indian Private Universities. MAHE is synonymous with excellence in higher education. With its variety of educational and professional skill enhancement courses, MAHE has been building up its strength year to year, and is being recognized now as a leading quality education service provider and has significantly contributed in continuously improving the standards of higher education in India. It is a pioneer of the 'Inspired Learning' approach to higher education. Its academic delivery model goes beyond classroom education to provide a holistic learning experience.

Over 33,000 students from over 67 different nations live, learn and play in the sprawling University town, nestled on a plateau in Karnataka's Udupi district. MAHE's alumni network numbers over 1,70,000 – a community as important to us as the new students who walk in.

Backed by an infrastructure that is comparable to some of the best in the world along with a highly qualified and respected faculty, Manipal Academy of Higher Education presents an evolved environment of teaching and research.

International Centre for Applied Sciences

Established in 1994, the International Centre for Applied Sciences (ICAS), Manipal Academy of Higher Education, has been facilitating a unique International Transfer Program in Engineering. Under the program, students can complete the first two years of study at Manipal Academy of Higher Education, India. The following two years can be pursued at a premium university in the foreign country of their choices such as USA, UK, Australia, Germany, Canada, France and many more by transferring their credits obtained from the first two years of study. On completion of the program, the student can obtain an Engineering Degree awarded by the destination international university. In case, students do not opt for the international transfer, they can continue their third year of study at Manipal and on its completion can obtain BSc (Applied Science) degree from MAHE.

Over the years, about 100+ foreign universities have been accepting ICAS credits, thus offering a wide range of universities from which the ICAS students can pursue their final two years. The students are free to apply to any foreign university of their choice thus providing them a perfect platform for an international experience.

This unique program is made possible by adopting all the teaching and evaluation methods that are followed by universities abroad, thus enabling an easy transfer to any foreign university. As a testament to the success of this program, ICAS has seen over 2,300 students pass through its campuses and continue their studies abroad.

By joining ICAS, you will get an opportunity to experience your student life along with MIT's vibrant and diversified student campus.

The students also benefit from the flexibility of choosing or changing the branch or major area of specialization after entering the program at foreign universities.

For example, a student who has opted for the mechanical branch may change to aviation or Aeronautical and mechatronics streams and a student who has opted for electrical and electronics during the first two years at ICAS may change over to communication stream.



The International Transfer Program in Engineering

An initiative of MAHE Manipal, The International Transfer Program in Engineering is a unique 4 year engineering credit transfer program with an objective of providing International exposure to Indian students. Students complete the first two years of the program in MAHE Manipal, India and the following two years in a premium university in USA, UK, Australia, Canada, France, Ireland etc.

The student graduates with a regular engineering degree from an international university at approximately 40% lower cost than that of a regular engineering program at these universities.

The Program in a Nutshell

- An internationally recognized engineering degree from renowned universities abroad.
- Tied-up with 40 premier institutes in the USA, UK, Australia, Canada, France, Germany and Ireland. Generally first two years in MAHE Manipal, India and the next two in a university abroad.
- Internationally recognized and globally accepted curriculum. Seven Engineering disciplines, to choose from.
- A wide range of International universities to choose from.
- Students are eligible to apply for credit transfer to other renowned institutions. Opportunities for paid internships abroad.
- Exposure to global engineering standards, work culture and environment. Global internship and excellent job opportunities abroad.

Program Pathway

1st & 2nd Year

At MAHE,
Manipal

3rd & 4th Year

At A University
Abroad

GRADUATE WITH
AN ENGINEERING
DEGREE FROM AN
INTERNATIONAL
UNIVERSITY



▶ Message from The Director



Dr. Hareesha KS

Director, ICAS

Manipal Academy of Higher Education (MAHE) is an ocean of knowledge to learn and explore opportunities to enhance the quality of education through innovation. International Centre for Applied Sciences (ICAS) a unique constituent institute of MAHE started in the year 1994, always leads from the front to provide the best articulation pathways to create world-class engineers and expose them to the global market.

International credit transfer courses offered at ICAS are tailored to provide a strong technical foundation to compete at the global level. We are committed to providing our best to enrich the students' knowledge quotient and full fill their learning aspirations. We are clear that it is our obligation to help them to acquire technical skill sets and prepare well to compete in the global market in their future endeavors.

The MAHE has a strong network of 100+ prestigious universities abroad including the USA, Europe, Canada, Australia, Germany, France, and many more. The students have the flexibility to seek admission to any university of their choice.

I extend a warm welcome to join the ICAS family, it is indeed a gateway to unfold career opportunities worldwide. We are here to handhold and nurture you to fulfill your aspirations. I wish one and all a very great success !!!

The ICAS Program Advantage



29 successful years of operation



Cost saving of upto 40%*



Over 2300 students graduated from international universities



International Placement Opportunities



Articulation with International Universities



Average salary package may be USD 50000-85000 per annum



2 Years of Academic Grooming



100+ universities accept ICAS credits



Engineering Stream Flexibility while transferring

Manipal Academy of Higher Education Advantages

Institution of Eminence



33,000+ STUDENTS from 67+ countries live and learn in the University town



375+ CAREER CENTRIC COURSES across 31 diverse disciplines



2800+ RENOWNED FACULTY MEMBERS from across the globe



100+ TOP MNC'S visit for recruitment



70+ PATENTS FILED in last 2 years



250+ COLLABORATIONS with International Entities



International Universities accepting ICAS Credits

U.S.A.

John Hopkins University,
Baltimore, Maryland, USA



Cornell University,
Ithaca, New York, USA



Columbia University,
Broadway New York, USA



University of California,
Berkeley, California, USA



University of Illinois
Urbana Champaign, Illinois, USA



Purdue University,
West Lafayette, USA



University of California,
Los Angeles, California, USA



University of Michigan,
Ann Arbor, Michigan, USA



Brown University,
Rhode Island, USA



New York University,
New York, USA



The State University of New York,
Buffalo, New York, USA



The University of Missouri,
Columbia, USA



Drexel University,
Philadelphia, USA



Milwaukee School of Engineering,
Milwaukee, USA



Andrews University,
Berrien Springs, Michigan, USA



St. Cloud State University,
St. Cloud, Minnesota, U.S.A.



North Dakota State University,
Fargo, North Dakota, USA



University of Dayton,
Dayton, Ohio, USA



Wright State University,
Dayton, Ohio, USA



Southern Illinois University
Carbondale, Carbondale, Illinois, USA



Montana State University,
Bozeman, USA



University of Wisconsin,
Madison, Wisconsin, USA



University of Washington,
Seattle, Washington, Usa



Georgia Institute of Technology,
Atlanta, Georgia, USA



Boston University,
Boston, USA



Ohio State University,
Columbus, Ohio, USA



Rutgers State University,
New Jersey, USA



University of Minnesota-
Twin Cities, Minneapolis, Minnesota, USA



Texas A & M,
College Station, Texas, USA



Iowa State University,
Ames, Iowa, USA



Pennsylvania State University,
Pennsylvania, USA



Virginia Tech,
Blacksburg, Virginia, USA



Stony Brook University,
Stony Brook, New York, USA



Embry-Riddle Aeronautical
University, Florida, USA



Arizona State University,
Tempe, Arizona, USA



University of Massachusetts,
Amherst, USA



Weber State University,
Ogden, Utah, USA



University of Maryland,
College Park, Maryland, USA



UK

City University London,
Northampton Square, London, UK



University of Leicester,
Leicester, U.K.



Lancaster University,
Lancaster, U.K.



University of Nottingham,
Nottingham, U.K.



University of Strathclyde,
Glasgow, UK



University of London,
London, UK



Queen Mary University of London,
Mile End Road, London, U.K.



University of Manchester,
Manchester, UK



University of Birmingham,
Birmingham, West Midlands, U.K.



University of Edinburgh,
Edinburgh, UK



Manchester Metropolitan University,
Manchester, UK



University of Leeds,
Leeds, UK



AUSTRALIA

University of New South Wales,
Sydney, Australia



University of Queensland,
Brisbane, Australia



Royal Melbourne Institute
of Technology, Melbourne, Australia



Australian National University,
Canberra, Australia



Queensland University of Technology,
Brisbane, Australia



University of Technology,
Sydney, Australia



University of Sydney,
New South Wales, Australia



Macquarie University,
Sydney, Australia



University of Adelaide,
Adelaide, Australia



Monash University,
Clayton, Victoria, Australia



Federation University,
Victoria, Australia



University of Wollongong,
Wollongong, NSW, Australia



Deakin University,
Geelong, Victoria, Australia



CANADA

Queen's University,
Kingston, Canada



McGill University,
Montreal, Canada



University of Manitoba,
Winnipeg, Manitoba, Canada



University of the Fraser Valley,
Abbotsford, British Columbia



University of British Columbia,
Vancouver, Canada



University of Alberta,
Edmonton, Canada



York University, Canada,
Toronto, Ontario



University of New Brunswick,
New Brunswick, Canada



NEWZEALAND

University of Auckland,
Auckland, Newzealand



BELGIUM

KU Leuven,
Leuven, Belgium



GERMANY

Leibniz University of Hannover,
Hannover, Germany



SINGAPORE

National University of Singapore
Singapore



FRANCE

Ecole Supérieure D'Ingenieurs De Rouen (Esigelec) –
School of Engineering, Rouen, France



MALAYSIA

Manipal International University,
Negeri, Sembilan, Malaysia



IRELAND

Trinity College Dublin,
Dublin, Ireland



Distinguished Alumni of ICAS



Mr. Anshul Mittal
Executive Director
Mittal Appliances Ltd., Indore



Mr. Sidharth Bhargava
Director
Rajshree Engineering Pvt. Ltd., Indore



Mr. Saurabh Sangla
Executive Director
Signet Industries Ltd.
Adroit Industries Limited, Indore



Ms. Devi Murthy
Founder
Kamal Kisan, Bengaluru



Mr. Hitesh Agarwal
Head
Business Strategy, Development & Operations
Mahalakshmi Profiles Pvt. Ltd., Hyderabad



Mr. Bharat Poddar
Director
Poddar Minerals Pvt. Ltd.,
Khadauli, Madhya Pradesh

Dedicated Pathway Program: Deakin



The reputed 'Deakin University, Melbourne/Geelong, Australia' in association with ICAS, MAHE, Manipal is offering 'Dedicated Pathway Program' in Engineering for a selected cohort of students. ICAS will recruit separate cohort of students for Deakin pathway from 2021 intake, after admission to ICAS programs, in association with Deakin South Asia Office.

Subject to students meeting Deakin's entry requirements for UG engineering programs, Deakin will provide conditional offer to these students when they enrol at ICAS under 'Deakin Cohort' (subject to successful completion of the ICAS program and meeting English language requirements)

Deakin will conduct two summer schools to introduce Deakin Curriculum/Project Oriented Design Based Learning (PODBL) for this dedicated cohort of students: first summer camp will be in Geelong/Melbourne after their completion of semester 2 (two week period); second one will be at Manipal after the completion of semester 3 (one week duration). Students will cover the cost of travel and accommodation to Geelong/Melbourne (June/July)

Deakin will provide 10 Scholarships of AUD \$1500 for top ten students in the cohort who have achieved CGPA > 3.0



Dual Campus Programs

ICAS Manipal now offers a unique Dual Campus Program where students can study the 1st & 2nd year at ICAS, MAHE (India) and the 3rd & 4th year at either MAHE Dubai or MIU Malaysia. Under this program, students can graduate with an engineering degree and an international exposure from Manipal campuses in Dubai or Malaysia.

1st & 2nd Year

At
ICAS, MAHE

3rd & 4th Year

At
MIU Malaysia /
MAHE Dubai

MAHE Dubai Campus



MIU, Malaysia Campus



Streams Offered at ICAS

Computer Science & Engineering

Specializations offered:



Artificial Intelligence & Machine Learning



Big Data Analytics



Cyber Security



Aeronautical/Aviation Engineering



Chemical Engineering



Civil Engineering



Electrical & Electronics Engineering



Mechanical Engineering



Mechatronics Engineering

Eligibility to Apply

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 11th and 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.
- Diploma holders (after 10th) are not eligible for the program.

For more information on the program and eligibility criteria, please visit: www.manipal.edu/icas

Application Process

Registration Instructions

- Register by providing your Full Name, E-mail Id, Mobile No & State of Domicile.
- Verification of E-mail Id provided at the time of registration. Login to the portal and complete the application. Keep softcopy of passport sized photograph and your signature ready, for upload.
- Application Fee Payment of Rs.2,000 via online fee payment.
- Upload scanned copy of your 10th, 11th & 12th marks cards in the application portal for eligibility check, when available.

Fee Structure 2023

Indicative fees are shown below (living expense extra):

Year	Campus	Course Fees*
1	Manipal	Manipal 4,60,000
2	Manipal	Manipal 4,50,000
3	Abroad	Approximately US\$20,000 to US\$45,000
4	Abroad	Approximately US\$20,000 to US\$45,000

NOTE: • Tuition fees for year 3 and 4 will depend on the university to which the student will transfer. The mentioned figures are approximate.

- 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.

Fee Refund Rules

If the student chooses to withdraw from the program of studies in which he/she is enrolled, the refund of the fees will be made as per the details given below:

*(Inclusive of course fees but exclusive of caution deposit)

S.No	Percentage of Refund of Aggregate fees*	Point of time when notice of withdrawal of admission is submitted to the University
1	100%	15 days or more, before the formally-notified last date of admission.
2	90%	Less than 15 days before the formally-notified last date of admission.
3	80%	15 days or less, after the formally-notified last date of admission.
4	50%	30 days or less, but more than 15 days after the formally-notified last date of admission.
5	0%	More than 30 days after the formally-notified last date of admission

The last date of admission is generally the day prior to the Orientation day.

- In case of No. 1 in the table above, the University shall deduct 5 % of the aggregate fee or Rs. 5000 (whichever is lower), as processing charges from the refundable amount.
- Any student who withdraws from the course as mentioned in No.5 in table above, will be required to remit to the University, in addition to the amount already forfeited, the course fee payable for the remaining period of the course.
- All refunds will be processed as per the above table; by the MAHE Student Finance Office based on the recommendation of the Director (Admissions).
- In case of Foreign / NRI candidates, the refund will be made in accordance with RBI / foreign exchange regulations.
- Application fees, once paid shall NOT be refunded under any circumstances.
- The above refund rule information is indicative only and University reserves the right to make changes as per the notifications received from the concerned statutory / regulatory authorities from time to time. Any changes made, in the above will be updated in the website.

Details of Hostel Fees for First Year ICAS Students 2023-24

The Accommodation options earmarked for 1st year ICAS students for the academic year 2023-24 and their respective charges are as under (All fees mentioned below are in Indian Rupees):

Boys

Hostel Block	Type of Accommodation	Annual Hostel Facilities Fee	Hostel Deposit	Utility Advance	Mess Advance	Total
XX BLOCK	Deluxe Single. Attached Bath AC	98,000	15,000	44,000	46,000	2,03,000
	Deluxe Single Attached Bath Non AC	80,000	7,500	26,000	46,000	1,59,500
XVI Block	Double Attached Bath AC	56,000	15,000	39,000	46,000	1,56,000
	Double Attached Bath Non AC	44,000	7,500	26,000	46,000	1,23,000

Girls

Hostel Block	Type of Accommodation	Annual Hostel Facilities Fee	Hostel Deposit	Utility Advance	Mess Advance	Total
XXII Block	Double Attached Bath AC	70,000	15,000	39,000	46,000	1,70,000

System of Online Hostel Allotment & Payment

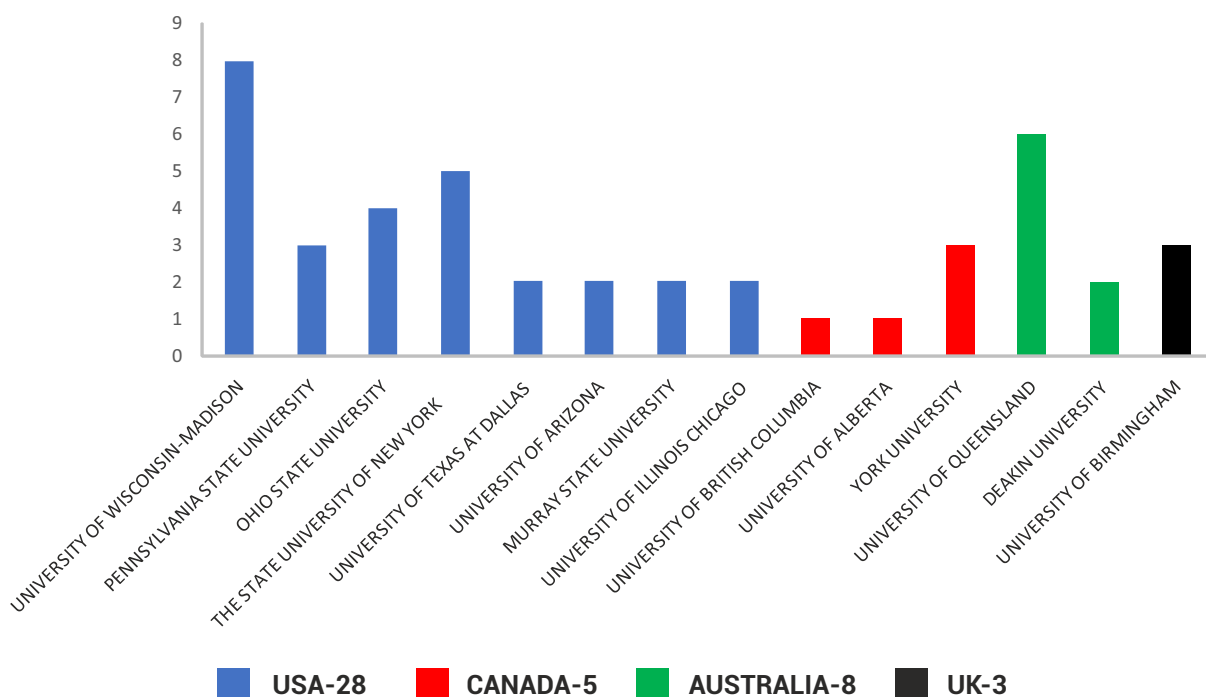
- Only Online system of selection & payment will be followed by applicants.
- After successful admission, students are required to submit online application for hostels by logging in to: <http://hostel.manipal.edu> using Application No. & Date of Birth.
- All available seats will be displayed in the link. Student can select the accommodation of their choice in the available hostels which will be displayed in the link.
- Once selected, the option will be available for a limited time (15 minutes only). The hostel fee payment should be done online immediately.
- On confirmation of selected accommodation, they shall complete the online payment through payment gateway provided in the link.
- Applicants are required to keep their Credit/ Debit Card ready. Incase of netbanking, the same should be activated before payment.
- There is an option of change of room (only once). The student can revisit the link and change the room & pay the difference amount there itself.

Our Recent Success in International Transfer

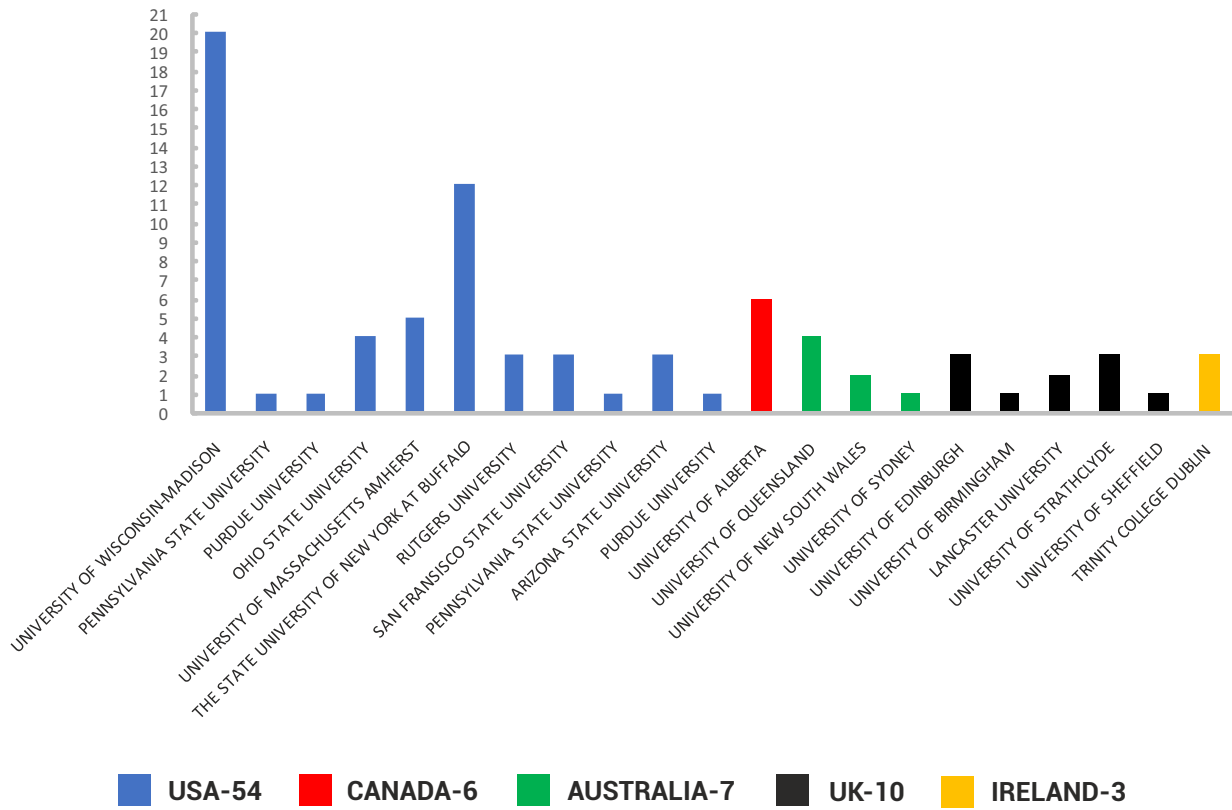


Students taken Admission in Foreign Universities

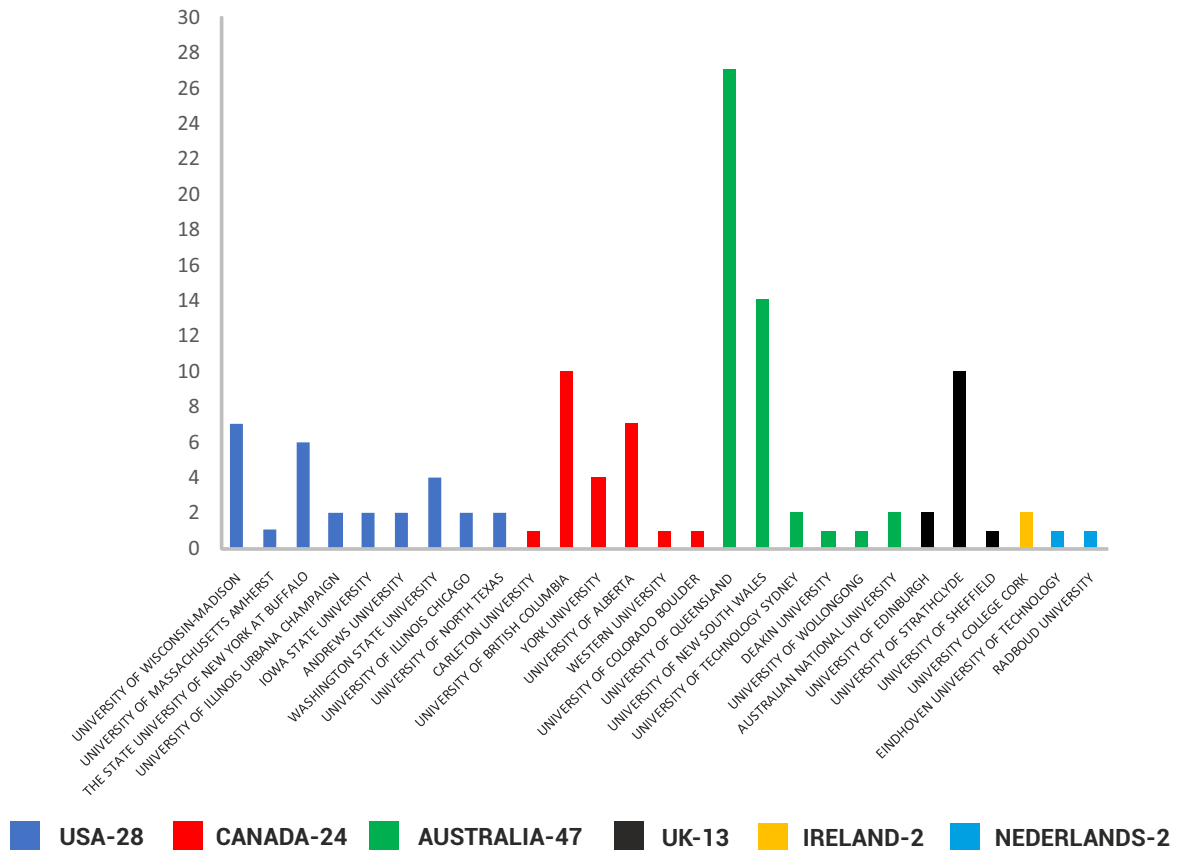
2020-22 Batch



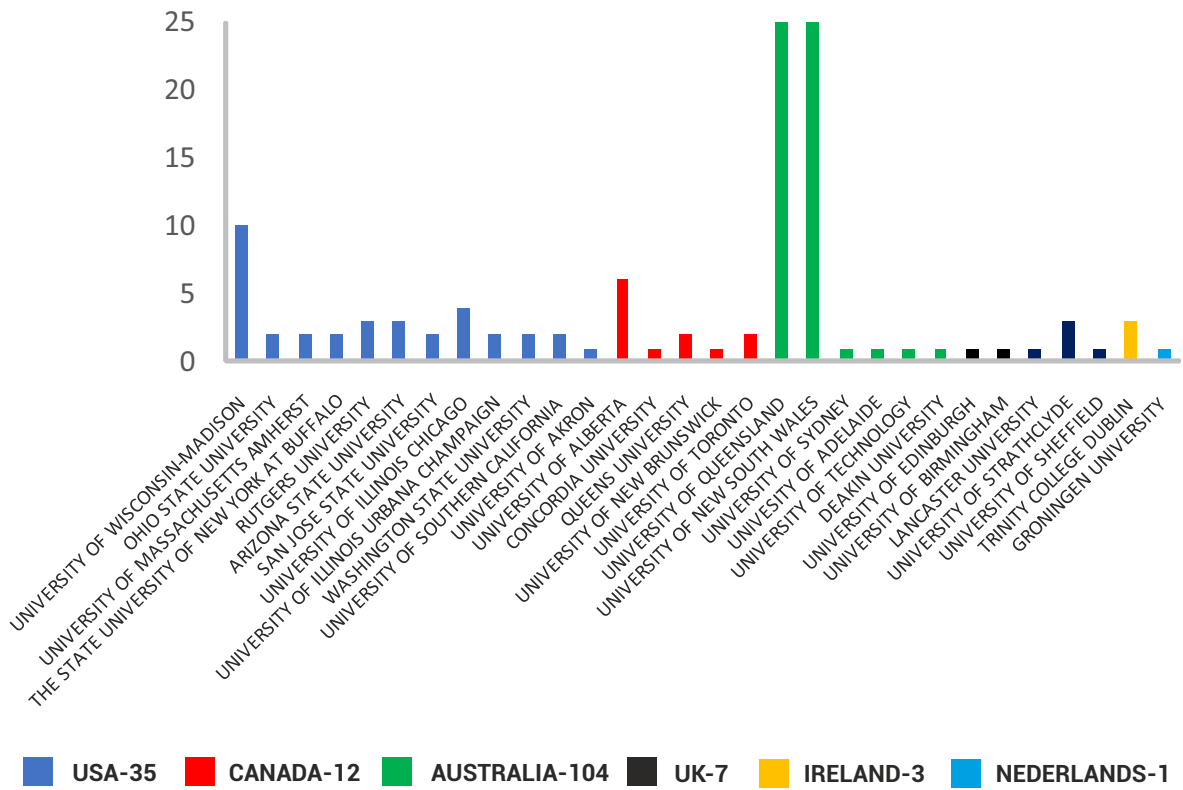
2019-21 Batch



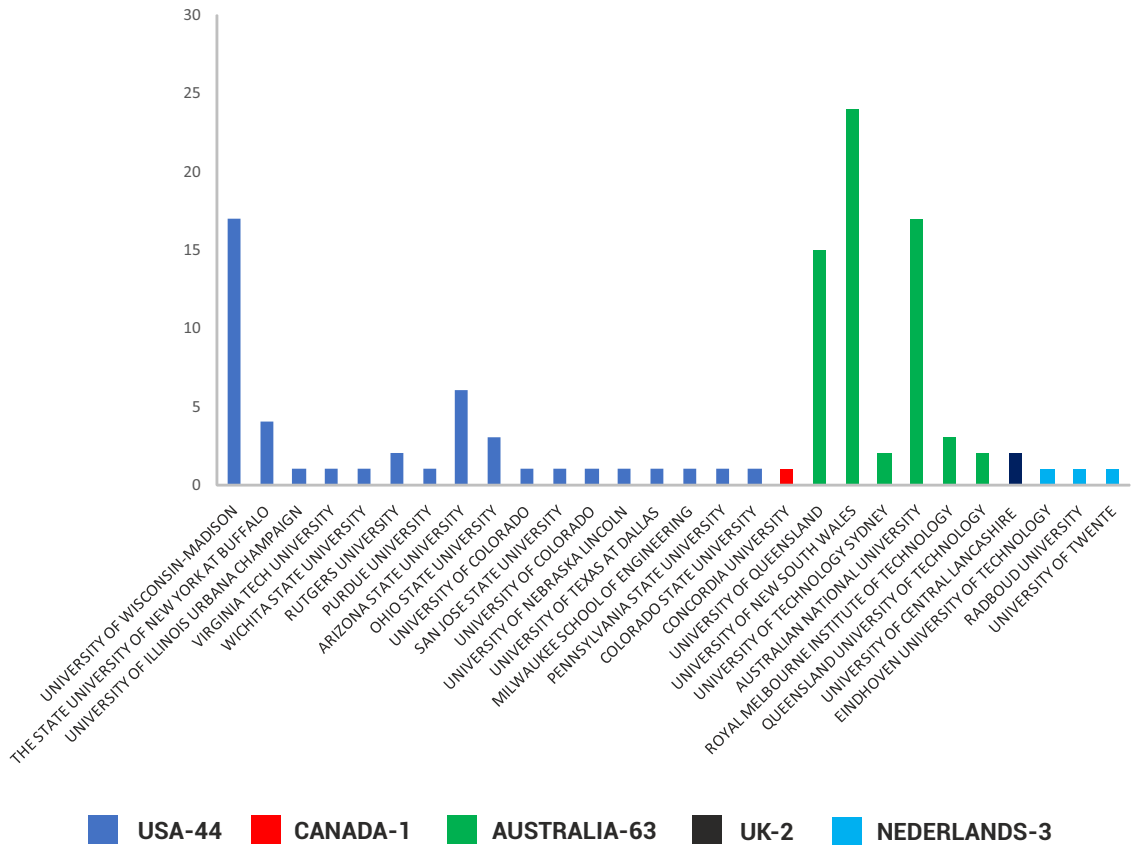
2018-20 Batch



2017-19 Batch



2016-18 Batch



Student Testimonials



With its sprawling campus, myriad amenities, distinguished alumni, and a curriculum focused on holistic development, ICAS provides just the perfect environment that not only supports a student's academic goals but also provides a stimulating physical and social environment.

Gokul Jain

Prag Industries India Pvt. Ltd.

ICAS Alumnus, Batch of 2000-2002

- B.S. (Industrial Engineering), The Ohio State University, USA - magna cum laude
- M.S. (Industrial Engineering), The Ohio State University, USA - summa cum laude
- MBA (Finance & Entrepreneurship), Kellogg School of Management, Evanston, USA

ICAS was a very good experience which gave me the foundation and was a stepping stone to a good university abroad. I made some amazing friends and have fond memories of my time in Manipal which I will cherish forever.

Tanmay Bagaria

Software Developer at Oracle

ICAS Alumnus, Batch of 2016-2018

University of Wisconsin-Madison, USA (B.S. in Computer Science)



I feel this program was the best fit for me as I was not mentally ready to fly off for my bachelors right after my highschool graduation.

Looking back, these two years at MAHE feel like one of the best years of my life.

Prarthana Jayanna

Alumna of 2017-19 Batch of ICAS

Game developer at Reel Time Gaming, a gaming company based in Brisbane.

BE Hons -University of Queensland in 2021

ICAS gave me the opportunity and the resources to push my limits, and I have never stopped since.

Utsav Agarwal

ICAS Alumnus of 2018-20 Batch of ICAS

University of Edinburgh (2022)



ICAS has made me a more confident person who is ready to face the world. It taught me that sticking to your priorities is crucial to succeed

Aditya Kothiwal

ICAS Alumnus, Batch of 2014

Destination - Drexel University (2012-14)

ICAS is a very good vantage point to launch your career, now it depends on you to take that initiative and turn it into something amazing.

Thirthak Saha

Saha (Featured in Forbes 30 under 30 list) ICAS Alumnus, Batch of 2013

Destination University - Drexel University 2013 -2016



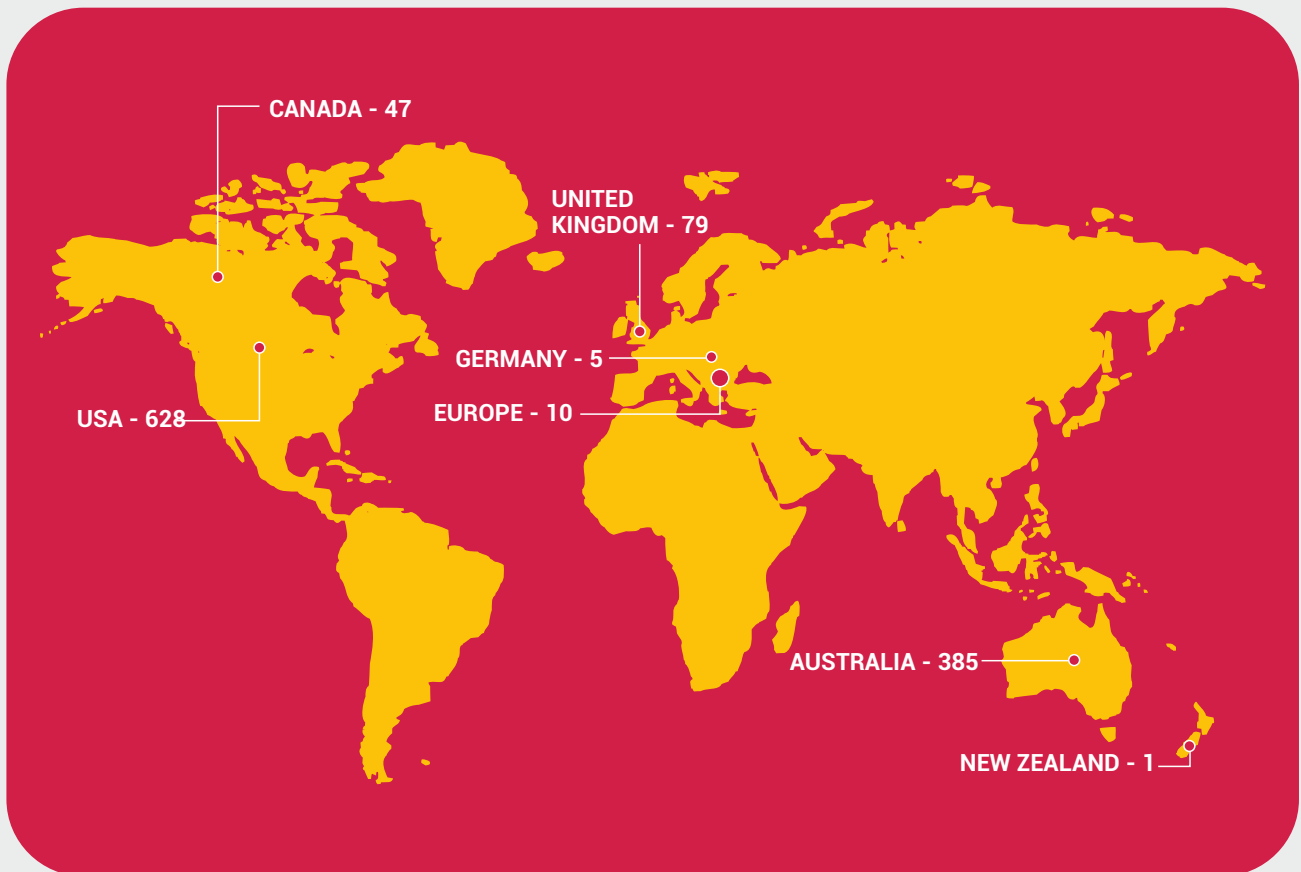
ICAS program is at par with universities in the USA - perfect for students who want to pursue their higher studies abroad

Sahaj Agarwala

ICAS Alumnus, Batch of 2012

Destination - Purdue University (2010-12)

Admission of ICAS Students in Foreign Universities since 2010



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+91 92437 77711

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office.icas@manipal.edu

<https://manipal.edu/icas.html>

<https://www.linkedin.com/in/international-centre-for-applied-sciences-icas-8bba6923b>

www.facebook.com/icas.mahe

www.instagram.com/icas.mahe