

From SIT (Hyderabad) to Deakin

Unlock global opportunities with
a dual degree program from Symbiosis
Institute of Technology, Hyderabad
(India) and Deakin University (Australia).

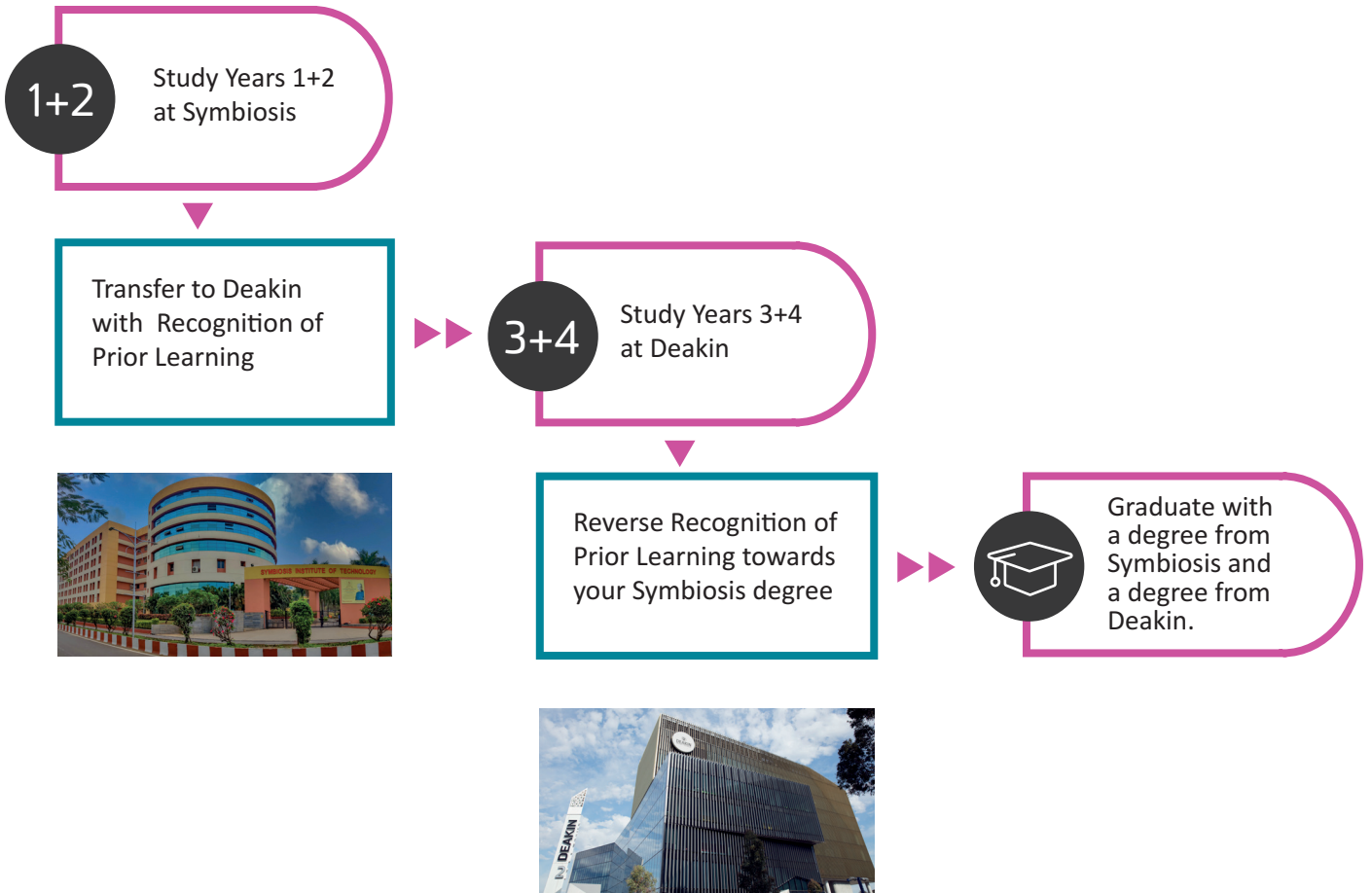


SYMBIOSIS
INTERNATIONAL (DEEMED UNIVERSITY)

(Established under Section 3 of the UGC Act, 1956)
Re-accredited by NAAC with 'A++' grade | Awarded Category - I by UGC

Engineer your future with Deakin University, Australia

Symbiosis Institute of Technology, Hyderabad, India, and Deakin University, Australia, have partnered to offer an outstanding pathway opportunity. Start your Computer Science and Engineering program at Symbiosis and transfer to Deakin University in your third year, gaining world-class education in both countries and a degree from both institutions.



About Symbiosis Institute of Technology, Hyderabad, India

Symbiosis International (Deemed University) is a multi-disciplinary university offering its students and faculty a vibrant learning ecosystem designed around its multi-cultural and innovative ethos. The university has its campuses spread across 6 Cities in India and 1 International campus in Dubai, UAE. All the university campuses epitomise the Symbiosis vision, 'Promoting International Understanding through Quality Education' and are a beehive of international students from all across the globe, being privy to Indian culture and hospitality.

SIT, Hyderabad, ranked among the premier engineering colleges in the city, offers cutting edge B.Tech programs in Computer Science and Engineering, Computer Science and Technology, Computer Engineering, and Artificial Intelligence and Machine Learning.

With NBA-accredited programs to its credit, SIT emphasises both foundational principles and cutting-edge advancements, boasting high-quality infrastructure, multimedia classrooms, state-of-the-art labs, high-end computing facilities with various latest software for simulations and other applications, a well-stocked modern library with digital media and a database, an auditorium, seminar halls and separate hostels for boys and girls.



National Institutional Ranking Framework (NIRF) Ranking



Ranked 641-650 globally, 1st in India and 31st in the World for Employer Reputation, and 2nd best Private University in India



Ranked in the 601 - 800 band in the world and 4th in India.



Reaccredited by NAAC with 'A++' Grade



Awarded QS I-GAUGE - DIAMOND rating in universities



Symbiosis International (Deemed University) has been ranked:

- 251 - 300 Band in Asia
- 22nd position among Indian Institutions
- 12th for International Outlook within India
- 65th for Teaching in India
- 64th for Industry in India
- 32nd for Research Quality in India
- 49th for Research Environment in India
- Symbiosis International (Deemed-to-be University) ranked in the Top General (Pvt.)
- Universities category by India Today for 2024!



Ranked 216 in top Universities in Asia



Ranked in the 601-800 band in the World and 4th in India**



Ranked 42nd in Southern Asia and 23rd in India

** Times Higher Education (THE) World University Rankings 2025

About Deakin University, Australia

A high-quality education, excellent employment prospects and a university experience you will love - this is what Deakin University has to offer.

Deakin University's approach to learning places emphasis on practical experience and our curriculum is informed by the best in industry. Your degree will include industry placements, which will give you the opportunity to apply your knowledge and explore your career options. And through our unique DeakinTALENT graduate employment services you will be able to directly connect with employers, build your experience and prepare for your graduate job search.

As we move into an increasingly digital future, Deakin has invested in the latest technology, state-of-the-art learning tools and facilities to ensure our students are ready for the jobs of tomorrow.

But we offer more than just a quality Australian degree. Students can get involved through more than 150 clubs and societies or make use of Deakin's wide range of student support services. You don't just study a degree at Deakin - you get a life changing experience while investing in your career.

Deakin University campuses

Deakin University has four modern, fully equipped campuses and an innovative online learning environment (Online Campus). Our sustainability practices are connected to our respect for the Traditional Custodians of the lands on which our campuses reside and the waterways that run alongside them. Each campus offers a unique and stimulating teaching, learning and research environment. Via the Dual Degree program, students will have the opportunity to study in Melbourne (Data Science, Cyber Security) or Geelong (Cyber Security).



#1 uni in Melbourne for graduate employment ¹



#1 uni in Melbourne for course satisfaction ¹



#1 uni in Melbourne for student satisfaction ¹



#1 uni in Melbourne for facilities and resources ²



#1 uni in Melbourne for student support ²



#207 university worldwide



Top 175 in the world for computer science⁴



Top 125 in the world for engineering⁴

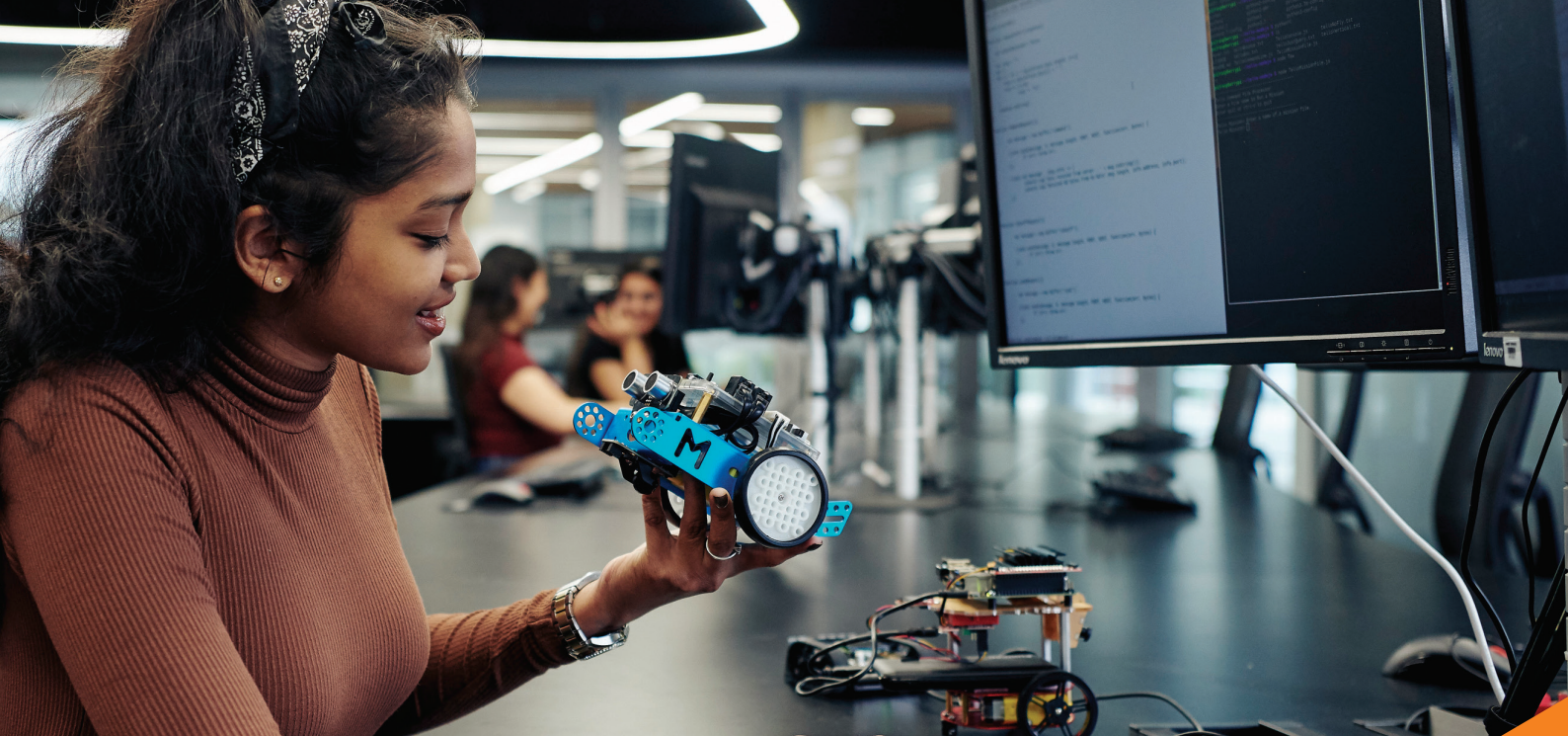
¹2024 Graduate Outcomes Survey, Quality Indicators for Learning and Teaching

²2024 Student Experience Survey, Quality Indicators for Learning and Teaching

³2026 QS World University Rankings

⁴Times Higher Education World University Rankings by Subject 2026





Program Highlights

The Symbiosis-Deakin Dual Degree program has been collaboratively designed by aligning Symbiosis Institute of Technology, Hyderabad and Deakin University curriculum. This partnership ensures a seamless transfer process for students through 'Recognition of Prior Learning,' enabling them to achieve equivalent learning outcomes while earning two globally recognised degrees – one from Symbiosis Institute of Technology, Hyderabad and one from Deakin University.

Students who complete the first two years of a Symbiosis BTech program can transfer into the third year of the corresponding Deakin degree. After successfully completing Years 3 and 4 at Deakin, reverse credit will be applied to their BTech degree at Symbiosis. To receive awards from both institutions, students must transfer to and successfully complete the relevant Deakin degree.

Symbiosis program

BTech (Computer Science and Engineering)

Deakin program

Bachelor of Data Science (Honours) with a minor in Cyber Security

Bachelor of Cyber Security (Honours) with a minor in Network Security



Scan the QR to know more



What you can study

BTech (Computer Science and Engineering)

SIT's Department of Computer Science and Engineering is committed to providing quality education in computer science and engineering. Featuring state-of-the-art labs, high-performance machines, and the latest software necessary for both teaching and research, students will study the design, development, and analysis of software and hardware that address problems in various business, scientific, and social contexts.

Our faculty is highly qualified and teaches advanced topics such as cloud computing, software quality, cybersecurity, and artificial intelligence. They are also actively involved in research and publications. The syllabus encompasses courses in basic sciences, technical arts, humanities, liberal arts, and professional studies.

This carefully crafted mix aims to produce professionals who not only possess engineering knowledge but also excel in management skills, enabling them to contribute effectively in cross-functional teams while upholding human values. The professional program ensures a healthy balance between theoretical foundations and practical exposure relevant to today's world.

The program is designed to develop well-rounded professionals who possess both foundational knowledge in computer science and specialized expertise in areas like data science and cybersecurity. The curriculum integrates theoretical understanding with practical applications, allowing students to design intelligent systems, solve complex computational problems, and extract valuable insights from large datasets.

Curriculum

Symbiosis units:

Year 1	Semester 1	Calculus	Fundamentals of Quantum Physics	Digital Electronics and Logic Design	Programming Paradigm and Problem Solving	Software and Generative AI Tools
		Object Oriented Programming	Technical and Professional Communication Skills	Critical Thinking	Indian Knowledge Systems	
	Semester 2	Linear Algebra	Microcontrollers and Sensors	Computer Architecture and Organization	Software Engineering	Python Programming
		Cyber Security	Introduction to Environment and Sustainability	Tinker and IDEA Lab	Creative Thinking	Career Essentials - I*
Year 2	Semester 1	Discrete Mathematics	Data Structures	Operating Systems	Database Management Systems	Programming with JAVA
		Flexi-Credit Course	Web Application Development	Health and Wellness Module I #	Career Essentials - II*	
	Semester 2	Statistics and Probability	Computer Networks	Design and Analysis of Algorithms	Data Management and Visualization	Design Thinking
		Project Based Learning - I	Advanced Python Lab	Health and Wellness Module II #	Career Essentials - III*	Fundamentals of Machine Learning

*This course map is for illustrative purposes and should be used as a guide only.



Core unit



Bachelor of Data Science (Honours)

Available at Melbourne Burwood
deakin.edu.au/course/bachelor-data-science-honours-international

This course offers a comprehensive understanding of the creation, collection, processing, and analysis of information, emphasizing its role in generating valuable insights and guiding strategic decision-making. With cutting-edge content, it explores the latest trends and advancements in data science.

Developed in partnership with industry, the Bachelor of Data Science (Honours) equips you with the skills needed to excel, supported by expert teaching staff. You'll gain practical experience through professional placements and collaborative projects with industry partners, addressing real-world business challenges using authentic data sets as part of a final-year capstone project.

Career Outcomes

With organisations increasingly leveraging big data to uncover hidden patterns, the demand for skilled data professionals is soaring. These experts provide valuable insights that shape decisions, fuel business growth, and enhance strategic advantage in today's competitive landscape.

Data analysts are no longer confined to major tech companies; they are now essential across all industries, creating endless career possibilities.

Curriculum - Cyber Security minor

Deakin units:

Year 3	Trimester 1	SIT220 Data Wrangling	SIT223 Professional Practice in Information Technology	SIT330 Natural Language Processing	SIT307 Machine Learning
	Trimester 2	SIT343 Feature Generation and Engineering	SIT292 Linear Algebra for Data Analysis	SIT225 Data Capture Technologies	SIT379 Ethical Hacking
Year 4	Trimester 1	SIT374 Team Project (A) - Project Management and Practices	SIT723 Research Techniques and Applications		SIT319 Deep Learning
	Trimester 2	SIT378 Team Project (B) - Execution and Delivery AND SIT306 IT Placements and Industry Experience OR SIT344 Professional Practice		SIT724 Research Project OR SIT746 Research Project (Advanced)	

*This course map is for illustrative purposes and should be used as a guide only. There may be additional 0-credit-point units required. Check the relevant course page on Deakin's website for unit details. Students must meet the course and unit requirements as set out in the Handbook (deakin.edu.au/handbook) Subject to annual amendments/correct at time of publication.

● Core unit
 ● Minor unit
 ● Team Projects AND Professional Practice



Bachelor of Cyber Security (Honours)

Available at Melbourne Burwood or Geelong Waurn Ponds
deakin.edu.au/course/bachelor-cyber-security-honours-international

Deakin's Bachelor of Cyber Security (Honours) prepares you with the critical skills needed to combat cybercrime and cyber terrorism, addressing one of the most rapidly growing threats in today's world. You'll graduate equipped to assess and enhance cyber security in professional settings, with a strong focus on the business, ethical, and legal aspects of risk management. The program covers key areas like computer crime and digital forensics, providing you with the expertise to identify, analyse, and address complex cyber security challenges.

This course provides the skills needed across various industry and government sectors, focusing on:

- Investigating computer crime and digital forensics
- Identifying software security vulnerabilities
- Designing secure databases and network architectures
- Securing operating systems and websites
- Integrating security into new developments

This course includes a core IT work placement, offering professional experience with approved organisations. You may also access placements with leading banks and technology companies such as NAB, ANZ, and Dimension Data.

Career Outcomes

The Australian Government projects a 38.9% growth in employment for database and systems administrators, as well as ICT security specialists, between November 2021 and November 2026.* As a graduate you may find employment in one of the following roles:

- cyber security analyst
- network security analyst
- cyber threat analyst
- incident responder
- operations coordinator
- penetration tester
- cyber security advisor
- vulnerability researcher
- cyber security consultant
- information security auditor
- IT security engineer
- digital forensics analyst

*Source: Jobs and Skills Australia Employment Projections to 2026

Curriculum - Network Security minor

Deakin units:

Year 3	Trimester 1	SIT282 Computer Forensics and Investigations	SIT327 Network Forensics	SIT223 Professional Practice in Information Technology	SIT384 Cyber Security Analytics
	Trimester 2	SIT379 Ethical Hacking	SIT325 Advanced Network Security	SIT326 Advanced Network Analytics and Forensics	SIT281 Cryptography
Year 4	Trimester 1	SIT374 Team Project (A) - Project Management and Practices	SIT324 Malware Analysis	SIT723 Research Techniques and Applications	
	Trimester 2	SIT378 Team Project (B) - Execution and Delivery AND SIT306 IT Placements and Industry Experience OR SIT344 Professional Practice (2cp)		SIT724 Research Project OR SIT746 Research Project (Advanced)	

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Core unit
 Elective unit
 Team Projects AND Professional Practice
 Minor unit



Eligibility Criteria

Symbiosis Entry Requirements

Overall score of at least 60% for Civil and 65% for Data Science and Cyber Security in 12th grade (Physics and Maths compulsory), plus a qualifying score in Symbiosis entry exam/ equivalent entrance examination

WAM Required to Transfer to Deakin

CGPA 5.5 out of 10 (55%)

English Language Requirements

IELTS- 6 overall, no less than 6 in any module





How Deakin can support you

Getting started

At Deakin University, we are committed to ensuring a seamless transition into your journey with us, whether you're studying online, from home, or on campus in Australia. From your initial enquiry to your first class and beyond, support is always available to answer your questions. Don't forget to join Orientation Week to explore extracurricular opportunities, including social clubs, available both online and on campus. As part of Deakin's welcome program, we offer:

- Airport pickups
- Orientation program
- Workshops
- Social events
- Study groups
- Opportunities to get involved in campus life
- Plus additional orientation activities for on campus students.

Support services

Alongside academic support from your instructors, Deakin University's Students Helping Students program connects you with student mentors who can assist with practical and social matters. Many of these mentors are international students who understand the challenges of adjusting to life in Australia and are there to help if you're feeling homesick or struggling to settle in.

For professional health support, all campuses offer healthcare and counselling services. Experienced psychologists and social workers provide free, confidential counselling to all Deakin students based in Australia.

Scholarships

Financial challenges can impact your academic progress, but Deakin University offers a range of scholarships and bursaries to support students. These are awarded based on various criteria, including access, equity, specific fields of study, and eligibility for citizens of certain countries.

High-achieving students may qualify for prestigious Deakin India merit scholarship, providing a 20% to 25% reduction in tuition fees. By maintaining a minimum qualifying CGPA during your first two years at Symbiosis Institute of Technology, Hyderabad you can become eligible for this scholarship in your third and fourth years at Deakin, significantly lowering your tuition expenses. Visit deakin.edu.au/study/fees-and-scholarships/scholarships/find-a-scholarship/deakin-india-25-merit-scholarship.

Deakin Talent

While there are many reasons to attend university, the ultimate goal is to launch a successful career. Deakin University's 24/7 career service, DeakinTALENT, is dedicated to helping you achieve this.

The DeakinTALENT International Student Careers (DISC) program offers support through workshops, events, and online resources, providing guidance on:

- Gaining insights into the Australian labour market
- Building and expanding your professional network
- Developing targeted job search strategies





Living and working in Australia

Cost of living in Australia

In addition to tuition fees, it's important to account for other expenses when planning to study in Australia. Essentials like food and accommodation—whether on-campus or off-campus—will make up the bulk of your costs. However, don't forget to budget for leisure activities, such as coffee outings with friends, movie nights, or the occasional road trip. Living expenses can vary based on your location. For instance, living in Melbourne tends to be more expensive compared to Geelong or Warrnambool. The Australian Government provides average cost-of-living estimates for international students studying in Victoria. For the latest figures, visit studyaustralia.gov.au.

Work in Australia

As an international student at Deakin University, you are allowed to work part-time within the conditions of your visa. If you hold a student visa, you can work up to 40 hours per fortnight during trimesters when your course is in session, including any work experience related to your degree unless it is a mandatory component. During trimester breaks and holidays, there are no restrictions on the number of hours you can work.

Deakin University can assist you in finding a job that fits your needs—whether you're looking for extra income or relevant work experience to complement your degree.

For more information, visit the following resources:

Initial Student Visa (subclass 500): <https://immi.homeaffairs.gov.au/visas/getting-a-visa/visa-listing/student-500>

Student Visa Extension: <https://immi.homeaffairs.gov.au/visas/getting-a-visa/visa-listing/temporary-graduate-485>

Living on campus

Enjoy a private, furnished bedroom complete with a bed, desk, carpeting, heating, and Wi-Fi access. Shared facilities include a kitchen, bathrooms, spacious living and dining areas, and air conditioning.

Take advantage of a vibrant calendar of social, personal, academic, and sporting activities. You'll also benefit from the support of Deakin's residential management and administration team, along with 24-hour security. For more details about Deakin student accommodation, visit deakin.edu.au/accommodation.





UNIVERSITY CAMPUS

Symbiosis Institute of Technology (SIT), Hyderabad
Modallaguda (V), Nandigama (M), Rangareddy
Dist, Hyderabad, Telangana, India

www.sithyd.edu.in

Admissions Inquiry
+91-40-27232701



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