NTU

AT A GLANCE

2023

ENGINEERING
BUSINESS
SCIENCE
HUMANITIES, ARTS
AND SOCIAL SCIENCES
EDUCATION
MEDICINE

World’s No.1
Young University
since 2014
Contents

ABOUT NTU SINGAPORE 1
NTU 2025 10
RESEARCH 13
INNOVATION 21
EDUCATION 22
- UNDERGRADUATE EDUCATION
- GRADUATE EDUCATION
- EXECUTIVE AND CONTINUING EDUCATION
STUDENTS 25
FACULTY AND STAFF 26
ALUMNI 27

Vision & Mission

A great global university founded on science and technology, nurturing leaders and creating societal impact through interdisciplinary education and research.
ABOUT NTU SINGAPORE

Profile
- Ranked 19th among the world’s top global universities*
- Ranked 1st among the world’s best young universities since 2014#
- Ranked 1st globally in 5 subjects, including materials science and energy and fuels+
- Research-intensive with lion’s share of competitive funding in Singapore (about S$7.9b from 2005 to 2021)
- Ranked No. 1 in Asia and No. 3 in the world by Citations for Artificial Intelligence (AI) (2010–19)✦
- About S$2.8b for sustainability research from FY2005 to FY2021
- S$644.1m in competitive research grants in FY2021/22
- Strengths in engineering, science, business, humanities, arts, social sciences, education, international studies and medicine
- 10th most-cited university for engineering research output
- 29 corporate and joint labs on campus with leading multinationals such as Rolls-Royce, Saab, HP and Alibaba
- Frequently named among the world’s most beautiful universities
- Medical campus in Novena, Singapore’s healthcare district, and alumni clubhouse and executive centre in one-north
- One of the world’s greenest campuses with 97% of building projects Green Mark-certified (equivalent to LEED-certified)
- 25 halls of residence housing more than 14,000 students
- 20 joint and dual PhD programmes with overseas universities
- About 24,630 undergraduates and 9,770 graduate students from 76 countries
- About 7,700 faculty, researchers and staff from 72 countries
- Approximately 275,600 university alumni representing 159 nationalities

Established in 1991, Nanyang Technological University, Singapore (NTU Singapore) has roots that go back to 1981 when its predecessor institution, Nanyang Technological Institute, was set up on the grounds of the former Nanyang University as a teaching university to meet a national demand for trained engineers.

As one of the two largest public universities in Singapore, NTU has expanded its teaching roots to become a comprehensive research-intensive university. Diverse educational pathways and the push for interdisciplinary learning continue to reflect its role as a teaching university, where novel pedagogies and teaching approaches are used.

At the same time, as a young and dynamic institution, NTU has rapidly ramped up its research capabilities in the last two decades, with many world-renowned researchers joining its faculty. It continues to push the frontiers of knowledge with innovative multidisciplinary discoveries that address humanity’s grand challenges and national priorities, many in areas shaping the 4th Industrial Revolution. There is a university-wide emphasis on integrating education, research and innovation for the best outcomes.

The NTU Smart Campus is a living test bed for Singapore’s Smart Nation initiative and a model of sustainable living.

Official university colours: NTU RED NTU BLUE

*Quacquarelli Symonds (QS) World University Rankings 2023
#QS Top 50 Under 50 2021
✦Elsevier SciVal

Established in 1991, Nanyang Technological University, Singapore (NTU Singapore) has roots that go back to 1981 when its predecessor institution, Nanyang Technological Institute, was set up on the grounds of the former Nanyang University as a teaching university to meet a national demand for trained engineers.

As one of the two largest public universities in Singapore, NTU has expanded its teaching roots to become a comprehensive research-intensive university. Diverse educational pathways and the push for interdisciplinary learning continue to reflect its role as a teaching university, where novel pedagogies and teaching approaches are used.

At the same time, as a young and dynamic institution, NTU has rapidly ramped up its research capabilities in the last two decades, with many world-renowned researchers joining its faculty. It continues to push the frontiers of knowledge with innovative multidisciplinary discoveries that address humanity’s grand challenges and national priorities, many in areas shaping the 4th Industrial Revolution. There is a university-wide emphasis on integrating education, research and innovation for the best outcomes.

The NTU Smart Campus is a living test bed for Singapore’s Smart Nation initiative and a model of sustainable living.

Established in 1991, Nanyang Technological University, Singapore (NTU Singapore) has roots that go back to 1981 when its predecessor institution, Nanyang Technological Institute, was set up on the grounds of the former Nanyang University as a teaching university to meet a national demand for trained engineers.

As one of the two largest public universities in Singapore, NTU has expanded its teaching roots to become a comprehensive research-intensive university. Diverse educational pathways and the push for interdisciplinary learning continue to reflect its role as a teaching university, where novel pedagogies and teaching approaches are used.

At the same time, as a young and dynamic institution, NTU has rapidly ramped up its research capabilities in the last two decades, with many world-renowned researchers joining its faculty. It continues to push the frontiers of knowledge with innovative multidisciplinary discoveries that address humanity’s grand challenges and national priorities, many in areas shaping the 4th Industrial Revolution. There is a university-wide emphasis on integrating education, research and innovation for the best outcomes.

The NTU Smart Campus is a living test bed for Singapore’s Smart Nation initiative and a model of sustainable living.

Established in 1991, Nanyang Technological University, Singapore (NTU Singapore) has roots that go back to 1981 when its predecessor institution, Nanyang Technological Institute, was set up on the grounds of the former Nanyang University as a teaching university to meet a national demand for trained engineers.

As one of the two largest public universities in Singapore, NTU has expanded its teaching roots to become a comprehensive research-intensive university. Diverse educational pathways and the push for interdisciplinary learning continue to reflect its role as a teaching university, where novel pedagogies and teaching approaches are used.

At the same time, as a young and dynamic institution, NTU has rapidly ramped up its research capabilities in the last two decades, with many world-renowned researchers joining its faculty. It continues to push the frontiers of knowledge with innovative multidisciplinary discoveries that address humanity’s grand challenges and national priorities, many in areas shaping the 4th Industrial Revolution. There is a university-wide emphasis on integrating education, research and innovation for the best outcomes.

The NTU Smart Campus is a living test bed for Singapore’s Smart Nation initiative and a model of sustainable living.

Established in 1991, Nanyang Technological University, Singapore (NTU Singapore) has roots that go back to 1981 when its predecessor institution, Nanyang Technological Institute, was set up on the grounds of the former Nanyang University as a teaching university to meet a national demand for trained engineers.

As one of the two largest public universities in Singapore, NTU has expanded its teaching roots to become a comprehensive research-intensive university. Diverse educational pathways and the push for interdisciplinary learning continue to reflect its role as a teaching university, where novel pedagogies and teaching approaches are used.

At the same time, as a young and dynamic institution, NTU has rapidly ramped up its research capabilities in the last two decades, with many world-renowned researchers joining its faculty. It continues to push the frontiers of knowledge with innovative multidisciplinary discoveries that address humanity’s grand challenges and national priorities, many in areas shaping the 4th Industrial Revolution. There is a university-wide emphasis on integrating education, research and innovation for the best outcomes.

The NTU Smart Campus is a living test bed for Singapore’s Smart Nation initiative and a model of sustainable living.

Established in 1991, Nanyang Technological University, Singapore (NTU Singapore) has roots that go back to 1981 when its predecessor institution, Nanyang Technological Institute, was set up on the grounds of the former Nanyang University as a teaching university to meet a national demand for trained engineers.

As one of the two largest public universities in Singapore, NTU has expanded its teaching roots to become a comprehensive research-intensive university. Diverse educational pathways and the push for interdisciplinary learning continue to reflect its role as a teaching university, where novel pedagogies and teaching approaches are used.

At the same time, as a young and dynamic institution, NTU has rapidly ramped up its research capabilities in the last two decades, with many world-renowned researchers joining its faculty. It continues to push the frontiers of knowledge with innovative multidisciplinary discoveries that address humanity’s grand challenges and national priorities, many in areas shaping the 4th Industrial Revolution. There is a university-wide emphasis on integrating education, research and innovation for the best outcomes.

The NTU Smart Campus is a living test bed for Singapore’s Smart Nation initiative and a model of sustainable living.

Established in 1991, Nanyang Technological University, Singapore (NTU Singapore) has roots that go back to 1981 when its predecessor institution, Nanyang Technological Institute, was set up on the grounds of the former Nanyang University as a teaching university to meet a national demand for trained engineers.

As one of the two largest public universities in Singapore, NTU has expanded its teaching roots to become a comprehensive research-intensive university. Diverse educational pathways and the push for interdisciplinary learning continue to reflect its role as a teaching university, where novel pedagogies and teaching approaches are used.

At the same time, as a young and dynamic institution, NTU has rapidly ramped up its research capabilities in the last two decades, with many world-renowned researchers joining its faculty. It continues to push the frontiers of knowledge with innovative multidisciplinary discoveries that address humanity’s grand challenges and national priorities, many in areas shaping the 4th Industrial Revolution. There is a university-wide emphasis on integrating education, research and innovation for the best outcomes.

The NTU Smart Campus is a living test bed for Singapore’s Smart Nation initiative and a model of sustainable living.
Global standing
As a young university, NTU has gone very far in a short time. It is now ranked among the best young universities under 50 years old and within the top 50 universities overall. Many of its programmes are in the top 10 globally.

NTU is ranked 19th by Quacquarelli Symonds (QS), 30th by US News & World Report and 36th by Times Higher Education (THE). Among young universities less than 50 years old, NTU has been ranked first by QS since 2014.

NTU has five subjects in interdisciplinary fields ranked the world’s best: Condensed Matter Physics, Energy and Fuels, Materials Science, Nanoscience and Nanotechnology, and Physical Chemistry (US News & World Report).

Ranked third among the world’s elite young universities that have excelled in producing high-quality research (Nature Index Young Universities ranking), NTU is also known for its strengths in chemistry, energy science, chemical engineering, computer science, mechanical and aeronautical engineering, civil and structural engineering, optics, communication and media studies, and education.

The BSc (Data Science and Artificial Intelligence) degree programme launched in AY2018 was cited by Forbes as one of the 10 best in the subject.

NTU attracts eminent international faculty and a large share of Singapore’s top students, with many of its programmes oversubscribed and its renaissance engineering, business and medical programmes accepting only the most outstanding students.

The high calibre of NTU’s faculty has also been pivotal to its rapid rise in global rankings. The number of NTU publications in international refereed journals with impact factor ≥ 10 increased threefold from 340 in 2015 to 1,432 in 2022, while the number of NTU publications in international refereed journals with impact factor ≥ 20 in 2022 grew almost 4 times since 2015. The number of highly cited NTU researchers has also risen, with 41 researchers in the Highly Cited Researchers 2022 (Clarivate Analytics) list, the highest number for any Singapore university for the fifth year running.

At the heart of NTU’s ambitions is the desire to further translate its academic standing into societal impact.

Deep links with Asia, global connections
NTU’s international outreach is broad and strong and includes more than 570 academic and research partnerships with institutions across the United States, Europe, the Asia-Pacific and beyond. The University has over 250 industry partners. Two-thirds of NTU’s faculty and research staff are international, representing 71 countries.

Global University Leaders Forum
NTU is a member of the Global University Leaders Forum, an intellectual community within the World Economic Forum in Davos. Through its involvement, NTU helps to set the agenda for discussions around the future of higher education, innovation and research with other leading universities in the world.

Association of Pacific Rim Universities
NTU is on the international policy advisory committee of the Association of Pacific Rim Universities (APRU) and hosted the APRU Annual Presidents’ Meeting in July 2022.
Governance
The 18-member NTU Board of Trustees is a key pillar of university governance and sets the broad strategic directions for the University. The President is the University’s Chief Executive Officer. The President’s Council forms the core leadership team of the University and comprises the President, Deputy President and Provost, Senior Vice President (Health and Life Sciences), Senior Vice President (Administration), Vice President (Strategy and Leadership Development) and Vice President (Research).

Chancellor
The President of the Republic of Singapore is the Chancellor of the University.

Colleges
College of Engineering
The largest engineering college in the world with six schools focused on technology and innovation; 10th most-cited university for engineering research output according to Essential Science Indicators; ranked 4th globally and 1st in Asia for Engineering and Technology by QS World University Rankings; home to Singapore’s preferred engineering programme for top A-level graduates; launched an interdisciplinary school in August 2022 with the College of Science that integrates the Division of Chemistry and Biological Chemistry from the School of Physical and Mathematical Sciences with the former School of Chemical and Biomedical Engineering.

Schools:
• School of Chemistry, Chemical Engineering and Biotechnology
• School of Civil and Environmental Engineering
• School of Computer Science and Engineering
• School of Electrical and Electronic Engineering
• School of Materials Science and Engineering
• School of Mechanical and Aerospace Engineering

College of Science
Award-winning faculty and world-class laboratories; ranked 3rd globally and 2nd in Asia for Chemistry by US News & World Report; ranked 18th in the world for Physical Sciences by Nature Index; offers Singapore’s first double degree programme in Biomedical Sciences and Traditional Chinese Medicine in partnership with Beijing University of Chinese Medicine.

Schools:
• Asian School of the Environment
• School of Biological Sciences
• School of Chemistry, Chemical Engineering and Biotechnology
• School of Physical and Mathematical Sciences

Nanyang Business School
(College of Business)
Consistently ranked among the world’s premier business schools, with an MBA programme that is rated among Asia’s top MBA programmes and the best in Singapore; first business school in Singapore, and the fourth in the Asia-Pacific, to be accredited by both the European Quality Improvement System and Association to Advance Collegiate Schools of Business.

College of Humanities, Arts, and Social Sciences
Home to the best school in Asia for communication and media (QS World University Rankings and Academic Ranking of World Universities); fast-growing humanities and social sciences schools with special strengths in research on Asia; and Singapore’s first professional art school offering degree courses in art, design and interactive digital media.

Schools:
• School of Art, Design and Media
• School of Humanities
• School of Social Sciences
• Wee Kim Wee School of Communication and Information

Graduate College
Drives excellence in graduate education at NTU, which includes a pioneering Interdisciplinary Graduate Programme; promotes inter-school collaboration and establishes joint-degree and exchange programmes through external partnerships.
Autonomous institutes
National Institute of Education
Singapore’s national teacher education institute and an integral part of the nation’s education service, playing a key role in the preparation of teachers; provides educational consultancy to countries around the world; ranked 2nd in Asia (QS World University Rankings) and 3rd in Asia (Academic Ranking of World Universities) for education.

S Rajaratnam School of International Studies
A leading think tank and graduate school in strategic and international affairs in the Asia-Pacific; produces cutting-edge research on Asia-Pacific security, multilateralism and regionalism, conflict studies, non-traditional security, cybersecurity, maritime security and terrorism studies.

Lee Kong Chian School of Medicine
Offers both undergraduate and graduate programmes with Singapore’s National Healthcare Group as its primary clinical partner; innovative undergraduate curriculum balances humanism with technology and includes early patient interaction; first doctors graduated in 2018 with a Bachelor of Medicine and Bachelor of Surgery (MBBS).

Earth Observatory of Singapore
Established in 2008 with S$150m in state funding; NTU’s first Research Centre of Excellence and a recognised regional leader in understanding environmental threats; the first Asian organisation to receive a S$5m endowment from the global AXA Research Fund.

Singapore Centre for Environmental Life Sciences Engineering
NTU’s second Research Centre of Excellence set up with S$120m in government funding to harness microbial biofilms for water and environmental sustainability.

Institute for Digital Molecular Analytics and Science
Supported with S$160m in funding, NTU’s third Research Centre of Excellence that aims to advance the science behind analysing biological molecules to track and analyse health and environmental information in real time.

Chinese Heritage Centre
Advances knowledge and understanding of ethnic Chinese communities around the world, with a research centre, museum and library housed in the historic Administration Building of the former Nanyang University.

Recruiting the best
Exceptional young international faculty from diverse disciplines are drawn into the University’s academic and research enterprise through the Nanyang Assistant Professorship scheme, which awards grants of up to S$1m over four years for cutting-edge research, as well as the prospect of tenure-track appointments.

Outstanding young researchers may also apply for prestigious fellowships in science and technology under a scheme promoted by the Singapore National Research Foundation (NRF), which could lead to an offer of a faculty position at NTU and research funding of up to S$3.25m over five years.

NTU is committed to attracting the brightest post-doctorates and PhD students locally and globally. Quality graduate programmes, including joint PhD programmes with top overseas universities, and attractive scholarships, such as the Nanyang President’s Graduate Scholarship, NTU Research Scholarship and Singapore International Graduate Award, help draw the very best research talent from all over the world.

The NTU Presidential Postdoctoral Fellowship invites outstanding early career researchers in all disciplines to embark on their careers at NTU. This Fellowship provides up to S$200,000 in research funding over two years to enable the Fellows to develop their independent research. Personal development opportunities coupled with mentorship in an established research group empower the Fellows to strive for research excellence and impact as they meet their ambitions as global research leaders.

The Wallenberg-NTU Presidential Postdoctoral Fellowship, supported by the Knut and Alice Wallenberg Foundation, draws talents in the emerging areas of artificial intelligence, autonomous systems and software. Fellows start their research journey at NTU with up to S$100,000 in research funding, followed by a second year at a Wallenberg AI, Autonomous Systems and Software Programme (WASP) research partner institution in Sweden. This fellowship offers early career researchers a unique opportunity to develop their research career and gain international experience in both Asia and Europe.
A town called NTU

- NTU has the largest on-campus residence infrastructure in Singapore.
- Under a Campus Master Plan, new learning, living, research and recreational spaces have been created to foster multidisciplinary pursuits and a collegiate culture. Two large learning hubs, The Hive and The Arc, centrepieces of flipped classroom learning at NTU, and a lifestyle hub, the North Spine Plaza, are part of this transformed landscape. The newest academic complex on campus is the new home of the Nanyang Business School and one of Asia’s largest wooden buildings.
- About 45% of NTU’s full-time student population call NTU home.
- Abundant food options on campus include 16 food courts/canteens (with 120 food and beverage stalls in total) and 30 restaurants/F&B outlets.
- Yunnan Garden, a 9-hectare precinct for leisure, education and heritage, offers a sprawling open space of greenery and waterscapes with fitness facilities.
- From 2029, 3 Mass Rapid Transit stations will be located on the main campus as part of the Jurong Region Line.

NTU 2025

The NTU 2025 strategic plan, launched in January 2021, details NTU’s education, research and innovation ambitions and goals for the next five years and the specific actions it will take to achieve them.

It builds on the University’s unique intellectual assets and strives to play a key role in supporting Singapore’s national R&D priorities as it addresses four of humanity’s grand challenges: mitigating our impact on the environment; harnessing the science, art and technology of learning; addressing technology’s impact on humanity; and addressing the needs of ageing communities.

In pursuit of the plan, NTU will aim to:
- achieve uniformity of excellence in all its activities
- grow NTU’s national, regional and global impact
- deepen its disciplinary strengths while nurturing greater interdisciplinary collaborations

NTU 2025 reinforces NTU’s strong commitment to the four core pillars of the University:
- Education
- Research
- Innovation
- Community

Eight key initiatives under NTU 2025
Eight key initiatives under NTU 2025

1. Transforming learning
   • New interdisciplinary programmes
   • New learning spaces and models that tap advances in the science, art and technology of learning
   • New industry-relevant, modular continuing education offerings
   • Synergistic integration of NTU’s unique strengths with the unique capabilities of the National Institute of Education and the National Institute of Early Childhood Development at NTU

2. Strengthening interdisciplinarity
   • Interdisciplinary faculty appointments across NTU
   • A critical mass of faculty, staff and students in areas of scientific and strategic importance, e.g. Health & Society, Artificial & Augmented Intelligence, Resilient Urbanisation & Natural Ecosystems, and Future of Industry

3. Transforming innovation
   • New ways to support SMEs through technology transfer
   • Specialised training for entrepreneurship at NTU
   • Policies and practices that make it easier for faculty to translate research into commercial ventures
   • Grow visibility of entrepreneurship on campus
   • Create and grow a network of global industry partnerships with companies, e.g. through the Global Alliance of Industries@NTU (GAIN)

4. Smart campus
   • Promote sustainability and the NTU campus as a testbed to demonstrate innovative digital and tech-enabled solutions for better learning and living
   • On-campus testbedding (e.g. innovative green energy, lower carbon footprint and waste management technologies)
   • All NTU buildings to be Green Mark Platinum-certified
   • Undertake clean energy and autonomous vehicle development and pilot projects (on and off campus)
   • Halve net energy utilisation, water usage and waste generation each by March 2026, compared to the levels of 2011
   • Encourage overall use of digital technologies

5. OneNTU culture
   • Develop and nurture the OneNTU spirit through shared values and engaging key stakeholders including alumni
   • Undertake longitudinal surveys to gauge and improve employee and student engagement

6. Transforming advancement
   • Engagement of alumni, partners, industry collaborators, foundations and other stakeholders to strengthen the efforts of university advancement

7. Academic anchor
   • Develop NTU as the academic and research backbone of a new ecosystem of R&D centres, technology partners, training providers and future factories in the Jurong Innovation District adjacent to NTU
   • Connect NTU’s intellectual assets in diverse areas (e.g. logistics, supply chains, autonomous systems, commerce and maritime studies) with the new Tuas Mega Port infrastructure close to the NTU main campus
   • Enhance NTU’s island-wide connectivity with the new Jurong Region Line (3 MRT stations on campus by 2029)
   • Strengthen NTU’s medical school as a key pillar of HealthCity Novena

8. Accelerating impact
   • Create and nurture unique, world-leading academic and research entities and foster outcomes that address industry and societal needs
   • Build cross-college teams and local and global networks to address humanity’s grand challenges

These initiatives will be supported through 3 enablers that enhance excellence needed for success in the plan: talent, financials and technology

Sustainability Manifesto

In October 2021, NTU unveiled a 15-year sustainability manifesto with a pledge to achieve carbon neutrality by 2035, halve net energy utilisation and launch new sustainability course, among other initiatives. NTU also became the first university in the world to issue sustainability-linked public bonds that support university-wide efforts aligned with its sustainability manifesto and other corporate initiatives. A Sustainability Office coordinates these efforts in a holistic and integrated way. In its pursuit of a climate-positive future, NTU embeds sustainability into the fabric of university operations and the on-campus experience.
RESEARCH
NTU’s research success stems from inclusivity, interdisciplinary collaboration and assembling a critical mass of talent in specific domains, as well as investing in infrastructure.

Research planning takes into account the capabilities of NTU, its strategic priorities and national strategic initiatives, while leaving space for curiosity-driven research. The University draws some of the world’s top faculty who contribute substantially to NTU’s scientific papers in high-impact journals. To encourage greater interdisciplinary collaboration, NTU also provides seed funding for bold and unconventional cross-disciplinary research by interdisciplinary faculty teams.

NTU performs cutting-edge research through various strategic national and international research programmes. The University hosts three out of seven national Research Centres of Excellence (RCEs) – the Earth Observatory of Singapore, Singapore Centre for Environmental Life Sciences Engineering and Institute for Digital Molecular Analytics and Science, all conducting research aligned with the long-term strategic interests of Singapore. NTU is also the lead local partner in 7 out of 9 national CREATE centres, set up with elite international universities.

Research in NTU is carried out within and across the colleges/schools and RCEs, supported by 8 university-level research institutes, 9 Corporate Labs, 55 research centres under the colleges/schools, and 20 joint centres with external organisations.

Research funding
NTU has consistently won competitive funding of around S$600m annually. It has received about S$3b in research funding over the past five years.

Strategic partnerships
NTU collaborates extensively with the public and private sectors with commercialisation outcomes. The drive to deepen engagement with the private sector and facilitate the application of research has resulted in over 250 industry partners, as well as 29 Corporate and Joint Laboratories.

Testbed projects with partners include the EcoCampus initiative to develop a novel campus-wide sustainability framework with demonstration sites to reduce energy, water, and waste intensity and make NTU one of the world’s most eco-friendly campuses. The Centre of Excellence for Testing & Research of Autonomous Vehicles (CETRAN) operates a 1.8 ha AV test centre built by JTC Corporation. CETRAN works with companies like Volvo and SMRT to determine autonomous vehicle roadworthiness in operational trials.

Key research centres and institutes
- Active Living for the ElderLY (LILY)
- Ageing Research Institute for Society and Education (ARISE)
- Air Traffic Management Research Institute (ATMRI)
- Alibaba-NTU Singapore Joint Research Institute
- Artificial Intelligence Research Institute (ALRI)
- Centre for Advanced Robotics Technology Innovation (CARTIN)
- Centre for Research and Development in Learning (CRADLE)
- Centre for Smart Platform Infrastructure Research on Integrative Technology@NTU (SPIRIT)
- China-Singapore International Joint Research Institute (CSURI)
- CNRS-International-NTU-Thales Research Alliance (CINTRA)
- Continental-NTU Corporate Lab: “Future-Oriented Continental Urban Society (FOCUS) Lab”
- CSA-NTU Joint Centre (CNJC) aka National Integrated Centre for Evaluation (NICE)
- Cyber Security Research Centre@NTU (CYSREN)
- Data Science and Artificial Intelligence Research Centre@NTU (DSAIR)
- Delta-NTU Corporate Laboratory
- Emerging nanoscience Research Institute (EnRI)
- Energy Research Institute@NTU (ERI@N)
- F&N-NTU F&B Innovation Lab
- Fraunhofer IDM@NTU
- Future Ready Food Safety Hub@NTU (FRESH@NTU)
- GFS-NTU Joint Programme on Advanced ReRAM Technology for Embedded Systems*
- HP-NTU Digital Manufacturing Corporate Laboratory*
- Institute for Digital Molecular Analytics and Science (IDMxS)
- Joint NTU-WeBank Research Centre on Fintech
- Nanyang Biologics-NTU Joint Laboratory for Drug Discovery and Therapeutics
- Nanyang Environment & Water Research Institute (NEWRI)
- NTU Integrated Medical, Biological & Environmental Life Sciences (NIMBELS)
- NTU-JTC Industrial Infrastructure Innovation Centre (NTU-JTC IIC)
- NTU-PKU Joint Research Institute
- Office of Research and Technology in Defence and Security (ORTDS)
- Rapid-Rich Object SEnch Lab (ROSE)
- Rehabilitation Research Institute of Singapore
- Rolls-Royce@NTU Corporate Laboratory*
- Saab-NTU Joint Research Centre
- Schaeffler Hub for Advanced REsearch at NTU (SHARE@NTU)
- Singapore Centre for 3D Printing (SC3DP)
- Singapore Energy Centre (SgEC)
- Singtel Cognitive and Artificial Intelligence Lab (SCALE@NTU)*
- S-Lab for Advanced Intelligence (S-Lab)*
- Smart Mechatron Lab for Industrial Collaborative Robotics in Manufacturing
- SMRT-NTU Smart Urban Rail Corporate Laboratory
- SP-NTU Joint Laboratory
- Strategic Centre for Research in Privacy-Preserving Technologies & Systems (SCRIPTS)
- Sumbana Jurong-NTU Corporate Laboratory*
- Temasek Laboratories@NTU
- The Photonics Institute (TPI)
- Transport Research Centre@NTU (TRC@NTU)

*Supported by Singapore’s National Research Foundation under its Corporate Laboratory@University Scheme
Preparing for the 4th Industrial Revolution

NTU is home to a critical mass of talent, resources and infrastructure in the key areas shaping the 4th Industrial Revolution.

In response to Singapore’s Smart Nation ambitions and to address key societal questions posed by the advent of Industry 4.0, the **NTU Institute of Science and Technology for Humanity (NISTH)** was launched in 2019 to focus on responsible innovation and the impact of technology on society. The interdisciplinary institute brings together industry, government, academia and non-profit organisations to develop ideas and concepts for the prudent and ethical development of technology for the betterment of the human condition.

Some of NTU’s partners in research and academia

**Europe**
- CEA: French Alternative Energies and Atomic Energy Commission
- CNRS – Centre National de la Recherche Scientifique
- Communauté Université Grenoble Alpes
- Copenhagen Business School
- Erasmus University Rotterdam
- ESSEC Business School
- ETH - Eidgenössische Technische Hochschule Zürich
- Graz University of Technology
- Imperial College London
- Italian Institute of Technology
- Karolinska Institute
- King’s College London
- KTH Royal Institute of Technology
- Linköping University
- Medical University of Vienna
- Politecnico di Milano
- Sorbonne University
- Technical University of Denmark
- Technische Universität München
- Université Paris Sciences et Lettres
- Université Paris-Saclay
- University of Cambridge
- University of Edinburgh
- University of Exeter
- University of Groningen
- University of Natural Resources and Life Sciences, Vienna
- University of Southampton
- University of St.Gallen
- University of Warwick
- Wageningen University and Research

**North and South America**
- Carnegie Mellon University
- Columbia University
- Georgia Institute of Technology
- Massachusetts Institute of Technology
- Monterrey Institute of Technology and Higher Education
- Northwestern University
- Pennsylvania State University
- Stanford University
- University of British Columbia
- University of California, Berkeley
- University of California, Los Angeles
- University of Toronto
- University of Waterloo

**Asia and beyond**
- Australian National University
- Beijing University of Chinese Medicine
- Ben-Gurion University of the Negev
- Chinese Academy of Sciences
- Fudan University
- Gadah Mada University
- Hong Kong University of Science and Technology
- Indian Institute of Science, Bengaluru
- Indian Institute of Technology Bombay
- Indian Institute of Technology Madras
- Korea Advanced Institute of Science and Technology
- Korea University
- Mahidol University
- National Taiwan University
- Osaka University
- Peking University
- Shandong University
- Shanghai Jiao Tong University
- Shenzhen University
- South China University of Technology
- Sungkyunkwan University
- Technion-Israel Institute of Technology
- Tel Aviv University
- The Hebrew University of Jerusalem
- Tokyo Institute of Technology
- Tsinghua University
- University of Indonesia
- University of New South Wales
- University of Sydney
- Waseda Business School
- Weizmann Institute of Science

---

MOE AcRF:
The Ministry of Education’s (MOE) Academic Research Fund (AcRF) encompasses three tiers of research grants, with Tier 1 grants being the smallest.

NRF:
NRF grants, awarded by the Singapore government, include Competitive Research Programme (CRP), NRF Fellowship and Proof-of-Concept grants.
Creating excellence
NTU has established a strong presence in CREATE (Campus for Research Excellence and Technological Enterprise), an initiative of Singapore’s National Research Foundation to foster ties between elite universities and Singapore-based institutions.

Berkeley Education Alliance for Research in Singapore (BEARS)
A tie-up between NTU and University of California, Berkeley, to enhance the efficiency of buildings in the tropics through Building Efficiency and Sustainability in the Tropics (SinBerBEST) and Singapore-Berkeley Research Initiative for Sustainable Energy (SinBeRISE).

Cambridge Centre for Advanced Research in Energy Efficiency in Singapore (CARES)
A partnership with the University of Cambridge to help minimise the carbon footprint of industrial-scale chemical processes.

Nanomaterials for Energy and Water Management (NEW)
A CREATE alliance focused on using nanomaterials to improve energy and water management technologies.

Singapore-ETH Centre for Global Environmental Sustainability (SEC)
Spearheads research in sustainable design, planning and construction to meet urban challenges, through the Future Cities Laboratory (FCL) and Future Resilient Systems (FRS).

Singapore-MIT Alliance for Research and Technology (SMART)
MIT’s largest international research programme involving NTU researchers, focused on solving societal problems through interdisciplinary research.

Singapore-Technion Alliance for Research and Technology (START)
A collaboration to advance the field of cardiac restoration therapy.

Technische Universität München (TUM) CREATE
Set up by NTU and Technische Universität München to develop sustainable transport solutions, including electric cars for Asian cities.

Major industrial research partners
- Algorand Foundation
- Alibaba Group
- Celligenics Pte Ltd
- China Jingye Engineering Corporation Limited (Singapore Branch)
- Continental
- Delta Electronics
- Desay SV Automotive Singapore Pte Ltd
- Durapower
- Dyson Operations Pte Ltd
- ExxonMobil Research & Engineering Company
- F&N
- GlobalFoundries
- Guoxuan High-Tech Co Ltd (Guoxuan)
- HP
- Hutchinson Research & Innovation Singapore Pte Ltd
- Hyundai Motor Company
- KLASSE Engineering & Solutions Pte Ltd
- KSL Maritime Ventures Pte Ltd
- LightHaus Photonics Pte Ltd
- LightLab Sweden
- Lite-On Singapore Pte Ltd
- Livent Singapore Pte Ltd
- L’Oreal
- LUCA AICell Inc
- Mastercard
- Mitsubishi Chemical Corporation
- Nanyang Biologics
- National Healthcare Group
- NTUC First Campus Co-operative Ltd
- OCBC
- Panasonic
- Paypal
- Rolls-Royce
- Royal Golden Eagle
- Saab
- Schaeffer
- Sembcorp
- Singtel
- SP Group
- ST Engineering
- StemiGen Therapeutics Pte Ltd
- Surbana Jurong
- Sysmex Corporation
- WeBank

Research Revenue (in S$m)

<table>
<thead>
<tr>
<th>Year</th>
<th>National Agencies</th>
<th>Industries and others</th>
<th>Total Research Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 2017/18</td>
<td>378.5</td>
<td>94.6</td>
<td>473.1</td>
</tr>
<tr>
<td>FY 2018/19</td>
<td>354.1</td>
<td>498.3</td>
<td>852.4</td>
</tr>
<tr>
<td>FY 2019/20</td>
<td>429.1</td>
<td>88.0</td>
<td>517.1</td>
</tr>
<tr>
<td>FY 2020/21</td>
<td>365.7</td>
<td>117.2</td>
<td>482.9</td>
</tr>
<tr>
<td>FY 2021/22</td>
<td>413.4</td>
<td>125.6</td>
<td>539.0</td>
</tr>
</tbody>
</table>
Strategic priority areas
NTU’s strategic five-year plans steer its research goals.

- **NTU 2015** – five Peaks of Excellence: Sustainable Earth, Secure Community, Healthy Society, Future Learning and Global Asia, representing established interdisciplinary areas across the University.

- **NTU 2020** – Peaks supplemented by Focus Clusters as well as Emerging and Aspirational Areas expected to develop rapidly at NTU.

- **NTU 2025** – research plan anchored by six clusters from Science, Technology, Engineering & Mathematics (STEM), as well as Social Sciences, Humanities & the Arts for People & the Economy (SHAPE). These interdisciplinary clusters are aligned to NTU’s four Humanity Grand Challenges and mapped to strategic priorities.

Evolution of NTU’s five-year research plans

**NTU 2025 research strategy**
The NTU 2025 Research Plan details a whole-of-university framework, allowing researchers from all disciplines to contribute. Together, the STEM and SHAPE Research Clusters provide touchpoints for cross-field engagement.

The SHAPE Research Clusters aim to harness the diversity of NTU’s research to position the University at the forefront in the fields of arts, social sciences, humanities, education and business. NTU aspires to develop these areas in the next five years to become on par with its strengths in science and technology.

The Research Clusters will be mapped to the four Grand Challenges NTU has identified:
- Technology, Humanity & Society
- Humans & the Environment
- Science, Art & Learning
- Healthy Living & Ageing

To facilitate knowledge transfer and stimulate new technologies, the NTU-wide consortium, Global Alliance of Industries@NTU (GAIN), with 250 industry partners, will catalyse new university-industry partnerships through multiple consortia, corporate laboratories, multidisciplinary institutes and technology invention disclosures.
INNOVATION
The Innovation & Entrepreneurship (I&E) Office translates scientific discoveries and innovations by faculty, staff and students into technological and social entrepreneurship activities that benefit industry and society. NTUitive, the innovation and enterprise company of NTU, focuses on intellectual property commercialisation and supporting NTU’s start-ups and spin-offs that have received third party funding.

NTU has a rapidly expanding patent portfolio and earned about S$11.4m in licensing revenue over the last five years. In 2020, Nanofilm Technologies, an NTU spin-off, became the first local deep technology unicorn to be listed on the Singapore Exchange.

NTUitive’s engagement with NTU faculty and researchers has given rise to a regular flow of technology disclosures with a yearly average of 429 submissions between FY2017 and FY2021. The number of license agreements signed jumped from 68 in FY2017 to 105 in FY2021. There were 38 spin-offs (from faculty) and start-ups (by students) in FY2021. More than 240 NTU spin-offs and start-ups have been formed since FY2017.

NTUitive hosts 5 innovation clusters funded under a Singapore National Research Foundation programme that seeks to strengthen partnerships across companies, universities, research institutes and government to bring ideas to market rapidly:

- National Additive Manufacturing Innovation Cluster
- Separation Technologies Applied Research and Translation Centre
- Singapore Membrane Consortium
- LUX Photonics Consortium
- Singapore National Biofilm Consortium

Vibrant innovation and entrepreneurship ecosystem
On campus, NTU’s innovation and enterprise ecosystem includes talks, access to grants and mentorship programmes, as well as innovation challenges, hackathons, business plan competitions, venture-building programmes, “Making and Tinkering” courses and other forms of training. The Nanyang Technopreneurship Centre offers credit-bearing entrepreneurship education programmes, while the Open Innovation Lab at the NTU Innovation Centre and Makers’ Labs and Garages across the campus provide the space, facilities and resources to tinker with inventions. NTU also has a joint engineering studio with Dyson Singapore for aspiring technopreneurs.

The Overseas Entrepreneurship Programme provides students with internship opportunities in innovation hotspots around the world, including in Australia, China, Asia, Europe and the United States. Through NTUitive’s overseas partnerships, NTU builds innovation capabilities in countries such as Indonesia, Vietnam and China.

Proprietary technologies
The University’s successful start-ups have developed, among other innovations, COVID-19 testing technology, a proprietary wireless fast-charge technology for automated guided vehicles and robotics applications, an intelligent banking engine that streamlines banking operations, high quality shape-controlled silver nanoparticles, and technology to improve energy efficiency.

EDUCATION
UNDERGRADUATE EDUCATION
NTU continually refreshes its pedagogies and curriculum (including co-curriculum) to cater to new learning paradigms and students’ diverse interests, as well as to foster interdisciplinary competencies that help NTU graduates become adaptable lifelong learners.

The University currently offers 58 single degree programmes. Students can also choose from 16 double degree programmes, 1 integrated programme and 1 special programme. There are double major programmes and the option to do a second major or a minor. NTU offers more than 40 minor programmes. As part of a holistic curriculum, all freshmen now undergo a common interdisciplinary collaborative core curriculum and do internships. SkillsFuture Work–Study Degree programmes also provide deep industry exposure and enhance employability.

NTU Education, a strategic blueprint for undergraduate education, supports how students learn and provides them with opportunities to develop skills that will enable them to face the future with optimism and confidence. It emphasises leadership, communication, teamwork, ethics and digital literacy, and caters to new ways of learning, embedding the latest teaching practices, including the use of flipped classrooms and next-generation mega learning studios for interactive and team-based learning, online lessons, as well as residential education at the NTU halls of residence.

NTU allows credits from pre-approved Massive Open Online Courses (MOOCs) hosted on Coursera, edX and FutureLearn to be used to fulfil degree requirements. Approximately 11,000 NTU students have completed over 33,500 MOOCs and transferred the credits earned.

Bringing together top professors, the Teaching Excellence Academy fosters research to produce innovations to improve learning. The Centre for Research and Development in Learning at NTU is also advancing best practices in tertiary learning, while the Institute for Pedagogical Innovation, Research and Excellence (InsPIRE) fuels cross-faculty collaborations to promote excellence in teaching and learning. It also works with industry to bring real-world issues and applications into the classroom and curriculum.
NTU Education includes:

**University Scholars Programme (USP)**
A challenging multidisciplinary academic programme open to the brightest students from across NTU’s colleges; offers a range of creative learning opportunities and fieldwork in unique destinations as well as a semester abroad at a partner university.

**Renaissance Engineering Programme (REP)**
A fully-residential programme extremely popular with top students that bridges engineering, business and humanities to prepare students for leadership roles in interdisciplinary teams; students graduate with a Bachelor of Engineering Science degree and an MSc in Technology Management in 4.5 years; includes a full year of studies overseas at a renowned partner university and a professional attachment in the United States, Europe or Singapore.

**CN Yang Scholars Programme**
Nurtures future leaders at the interface of science and engineering, with a focus on technological innovation and scientific communication; accelerated PhD track.

**Undergraduate Research Experience on CAm pus (URECA)**
For students with a passion for research; gives access to research projects campus-wide and incorporates industrial research experience; students work independently under the guidance of a professor or researcher.

**Global Education and Mobility (GEM)**
NTU students enjoy global learning opportunities to prepare them to be global citizens. Student mobility programmes are offered with more than 350 partner universities and organisations. Prior to the COVID-19 pandemic, more than 6,000 students benefitted from overseas immersion programmes in over 40 countries each academic year. NTU strives to achieve these targets once again through its wide range of mobility programmes.

- **GEM Explorer** enables students to take courses or conduct research in an overseas partner university for a full semester while exploring a new country and culture.
- **GEM Discoverer** offers two- to eight-week programmes that place students globally for summer studies, business/cultural executive programmes and language training.
- **Overseas Internships** provide opportunities for students to widen their perspective of the working world and develop global readiness.
- **Overseas Entrepreneurship Programme** lets undergraduates gain entrepreneurial experience outside of the classroom with internships in technology-based start-ups in global innovation hotspots.
- **Overseas Community Engagement Projects** enable students to serve communities abroad, creating sustainable impact in ASEAN or the Asia region.
- **GEM VEnturer** offers a variety of semester and short-term virtual study courses and programmes that suit different study plans and academic goals.

**GRADUATE EDUCATION**
NTU’s graduate academic and research programmes, a number of which are ranked among the best globally, cater to more than 8,500 students from Singapore and around the world. Enrolment for the University’s Master’s programmes rose 44% from 4,473 in AY2018 to 6,436 in AY2022.

NTU’s network of global partners for joint/dual PhD programmes has grown over the years through the establishment of new research collaborations with internationally renowned universities. NTU currently has 20 joint/dual PhD degree programmes with overseas partners.

The **NTU Graduate College**, headed by a Dean, provides strategic oversight and academic leadership on all graduate education matters in the University. It hosts the **Interdisciplinary Graduate Programme**, which supports research students working on interdisciplinary projects that cover two or more disciplines, such as artificial intelligence and neuroscience.

**EXECUTIVE AND CONTINUING EDUCATION**
The **Centre for Professional and Continuing Education (PaCE)** consolidates continuing education and training capabilities and expertise within the University, in line with the Singapore government’s emphasis on advancing adult education and professional development for Singapore’s workforce to better meet future challenges.

PaCE leverages technology to enrich the lifelong learning experience of adult learners, including the University’s alumni, making it easier for them to take charge of their own continuing education. Micro-credentials obtained via stackable modular continuing education courses may be accepted as partial fulfilment of the requirements for a full NTU Master’s degree. The FlexiMasters programme for continuing education at the Master’s degree level, launched in 2020, has grown to more than 35 curricular offerings from all parts of the University.

Besides the programmes offered by PaCE, customised executive training programmes are also conducted by the Nanyang Business School, College of Humanities, Arts, and Social Sciences, College of Science and Nanyang Centre for Public Administration. 444 programmes were conducted in AY2020-21, and 560 programmes in AY2021-22. These programmes attracted approximately 11,930 and 15,243 participants respectively.

NTU is a popular choice for executive training of officials from India, China and Cambodia, which also helps strengthen bilateral relations.
STUDENTS

Admissions
NTU welcomes applications from qualified individuals all over the world.
Please visit http://www.ntu.edu.sg/admissions for admission details and contacts.

Enrolment by college (AY2022-23)

<table>
<thead>
<tr>
<th>College</th>
<th>Undergraduates</th>
<th>Graduate Students</th>
<th>Graduate Diploma</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bachelor's</td>
<td>coursework</td>
<td>research</td>
</tr>
<tr>
<td>Engineering</td>
<td>11,690</td>
<td>1,680</td>
<td>1,553</td>
</tr>
<tr>
<td>Science</td>
<td>2,993</td>
<td>252</td>
<td>463</td>
</tr>
<tr>
<td>Nanyang Business School</td>
<td>3,959</td>
<td>1,155</td>
<td>63</td>
</tr>
<tr>
<td>Humanities, Arts &amp; Social Sciences</td>
<td>4,610</td>
<td>1,319</td>
<td>356</td>
</tr>
<tr>
<td>Medicine</td>
<td>786</td>
<td>-</td>
<td>100</td>
</tr>
<tr>
<td>NIE</td>
<td>592</td>
<td>1,438</td>
<td>180</td>
</tr>
<tr>
<td>Others</td>
<td>-</td>
<td>346</td>
<td>277</td>
</tr>
<tr>
<td>Total</td>
<td>24,630</td>
<td>6,190</td>
<td>2,992</td>
</tr>
</tbody>
</table>

Figures are correct as at 5 Sep 2022

Student life
- Emphasis on student wellbeing, co-curricular learning and a vibrant campus experience
- Transition and Orientation Programme for all freshmen
- Residential education at all halls of residence
- About 230 student organisations in NTU
- Active student engagement with the larger community
- Multi-level student leadership development programme
- University-wide Student Experience Surveys that show students are generally satisfied with their NTU experience

Student services
- Psychological and professional counselling
- Career services
- Sports and recreation
- Health care
- Medical and insurance schemes
- On-campus and heartland shuttle bus services
- Immigration
- Student jobs
- Accessible education services (for students with special needs)
- One Stop @ SAC (Student Activities Centre)

FACULTY AND STAFF

NTU has a total faculty and staff population of 7,612* (as at 1 Jul 2022).

Interdisciplinary faculty
NTU has world-renowned scientists and scholars in key technological fields that strengthen its profile. Eminent professors take up leadership appointments at NTU’s colleges, schools and research institutes or as full-time faculty to develop research themes of global importance. They include more than 120 joint faculty appointments to drive high-impact interdisciplinary research and education.

Over the years, the distribution of faculty across NTU’s colleges reflect its evolution from an engineering-dominant university to one with expertise across a broad spectrum of disciplines.
Talent development and recognition

NTU’s commitment to recruiting and retaining top-quality faculty includes awarding President’s and Provost’s Chairs to outstanding senior and mid-career/junior faculty. More than 70 chair professorships have been awarded. Mechanisms have also been established to create named professorships.

Faculty and staff are cultivated through a leadership academy, mentoring and leadership training programmes such as LEAD@NTU, as well as Women@NTU, a bottom-up initiative. The distinguished services of post-tenure faculty are recognised through Emeritus Professorship. Annual university awards, such as the Nanyang Awards and Admin Awards, recognise the sterling efforts of the university community in various areas.

The NTU Management Associate Programme, launched in 2023, offers outstanding young graduates a springboard to a fulfilling non-academic career in higher education.

Chaired by the NTU President, the Academic Council, made up of all faculty members, provides faculty a platform to give input and feedback on academic matters through an elected Senate and Advisory Board.

ALUMNI

• More than 275,600 university alumni representing 159 nationalities

• 52 overseas alumni associations: Australia, Brunei, Cambodia, China (Anhui, Beijing, Chongqing, Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hainan, Hebei, Heilongjiang, Henan, Hong Kong SAR, Hubei, Hunan, Inner Mongolia, Jiangsu, Jiangxi, Jilin, Liaoning, Ningxia-Qinghai-Xizang, Shanxi, Shaanxi, Shandong, Shanghai, Sichuan, Tianjin, Xinjiang, Yunnan and Zhejiang), Germany, Gulf Cooperation Council, India (Northern, Central and Southern), Indonesia, Japan, Malaysia, Myanmar, Philippines, South Korea, Switzerland, Taiwan, Thailand, United Kingdom, United States of America (USA-East and USA-West) and Vietnam (Hanoi and Ho Chi Minh City)

• 25 Overseas Alumni Circles:
  - Africa: Egypt-Cairo, Mauritius, Nigeria
  - Asia: Bangladesh-Dhaka, Iran-Tehran, Kazakhstan-Almaty, Laos-Vientiane, Nepal, Pakistan-Karachi
  - Europe: France, Italy, Netherlands, Norway-Oslo, Russia-Moscow, Spain, Sweden-Almhult, Ukraine
  - North America: Canada-Toronto, Canada-Vancouver, Mexico
  - South America: Brazil
  - Oceania: Australia-Brisbane, Australia-Perth, New Zealand-Auckland

More than nine in 10 from NTU’s Class of 2022 found a job within six months of graduation. NTU graduates work in diverse sectors from engineering and business to public administration and education.

LYON, OUR MASCOT

“Lyon the lion” symbolises the University’s values of strength, courage and fearlessness. As the embodiment of the NTU spirit, it not only brings the University community together, but also inspires student teams to give their best performance at inter-varsity and other competitions. Designed by an NTU student, it made its debut in August 2013.

ONENTU CORE VALUES

“We place INTEGRITY at the foundation of everything we do. We regard ourselves and others with RESPECT. We CARE deeply for one another and for our Earth. We value close PARTNERSHIP, making a positive IMPACT in the SERVICE of humanity. We are OneNTU, thriving together.”

THE NTU FLOWER

Dendrobium Nanyang is a pristine white orchid with a burst of purple at the heart of the bloom, signifying pure energy and a caring heart. The hybrid was created by students and teachers of Temasek Primary School as part of an orchid hybridisation programme developed at NTU’s National Institute of Education. The exquisite white petals represent the qualities that embody the university spirit – passion, tenacity, fortitude, leadership, innovation and entrepreneurship.

Prepared by Institutional Statistics-Student & Academic Services Department and Corporate Communications Office