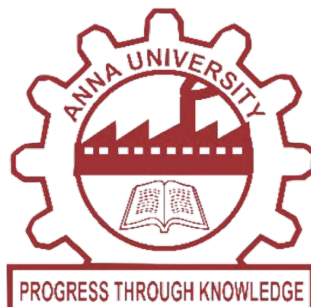# QS Sustainability Ranking Edition 2
Metrics and Definitions

Anna University

Chennai-600025.

QS SUSTAINABILITY RANKING 2024- 2nd Edition

<u>OVERVIEW</u>

The 2nd edition of this ranking will have three categories: Environmental Impact, Social Impact and Governance. With each category, there are a series of performance lenses, themselves composed of an aggregated set of individual metrics.

QS SUSTAINABILITY RANKING METHODOLOGY 2024	
Categories	3
Performance Lenses	9
Metrics-Displayed on QS Hub Portal (Direct)	21
Metrics-Data fetched from Other Sources (Indirect)	27
Metrics (Direct+ Indirect)	48

Data Collection Started on: 1st May 2023

Data Submission Deadline: 1st August 2023

Categories(3)	Performance Lenses(9)	Metrics displayed on QS Hub(21)	Metrics-Data fetched from Other Sources(27)
Environmental Impact	Environmental Sustainability(9)	Publicly available strategy or policy on sustainable procurement and investment	Alumni Impact for Innovation
		Student Society focused on Environmental Sustainability	Member of an officially recognised sustainable group
		Net Zero Commitment and Progress Towards Goal	Climate change commitment (staff perception)
		Emissions Efficiency	
		Renewables Generated Onsite	
		Progress Towards Net-Zero	
	Environmental Education(3)	Climate Science and/or Sustainability Courses	Academic Reputation for Sustainable Education
			Alumni Impact for Environmental Sustainability - Public and Third Sector
	Environmental Research(3)	Research Center with Sustainability Focus	Research Impact on SDGs for Sustainable Research
			Sustainable Research National Statistics
Social Impact	Equality(8)	Student Gender Ratio	Research Impact of SDGs for Equality
		Faculty Gender Ratio	Academic Equality (Staff Perception)
		Women in Leadership Ratio	Equality National Statistics
		Equality, Diversity and Inclusion policy	
		Disability Support	
	Knowledge Exchange(2)	Outreach and Community Engagement	Knowledge Exchange: Progress / Dissemination
	Impact of Education(5)		Research Impact into SDGs for Education
			Academic Reputation for Impact of Education
			Alumni Impact for Education
			Academic Freedom Index
			Impact of Education National Statistics
	Employability and Opportunities(6)		Employer Reputation
			Research Impact into SDG's for Employment and Opportunities
			Job Preparedness (Graduates View)
			Employment and Opportunities National Statistic
			Partnerships with Industry
			Skills Satisfaction (provisional)
	Health and Wellbeing(4)	Health Provision on Campus	Research Impact of SDG's
			Health and Wellbeing National Statistics
			Alumni Experience
Governance	Good Governance(8)	Ethics Culture	Open-Access Publishing
		Dedicated staff / team for Sustainable Development	National Signatory to UN charter against torture
		Transparent financial reporting	
		Student's Union	
		Student Representation in Governance	
		Published governance minutes	

Edition 2

ENVIRONMENTAL IMPACT

Environmental Sustainability

ES4 Publicly available strategy or policy on sustainable procurement and investment

ES4.1 Link to your institution's sustainability/climate action policy.

Data Format: URL Evidence

Time Frame: Current (up to 3 years old)

Definition

A published or official framework where the institution explains their overall strategy and commitment to alleviating climate change

ES4.2 Link to your institution's sustainable procurement / purchasing policy.

Data Format: URL Evidence

Time Frame: Current (up to 3 years old)

Definition

A publicly accessible policy (e.g. on an institution's website, or as part of an annual report) that sets out how the university plans to procure (purchase) in a sustainable manner, by, for example, purchasing from local suppliers, or using only recycled materials in building work. This is a key feature of corporate social responsibility.

ES4.3 Link to your institution's sustainable investment policy.

Data Format: URL Evidence

Time Frame: Current (up to 3 years old)

Definition

A publicly accessible policy (e.g. on an institution's website, or as part of an annual report) that sets out how the university invests in a sustainable manner, by, for example, investing in renewable energies or in medicines to tackle global health crises. Socially responsible investing is a key feature of corporate social responsibility.

ES5 Student Society focused on Environmental Sustainability

ES5.1 Link to student led society whose purpose is to engage with sustainability.

A student society which is formed and operated by students for students, with a focus on the environment, green issues, conservation and/or climate issues.

Data Format: URL Evidence

Time Frame: Current

Definition

The presence of a student-led society on issues of sustainability provides future students the opportunity to be part of a likeminded group on this issue, and demonstrates a supportive

campus atmosphere. We ask for proof as a link to the society, or a link to a document that outlines the structure, governance and key stakeholders of the society.

ES7 Emissions Efficiency

ES7 Does your university report its carbon emissions in line with the GHG Protocol Corporate Standard or another commonly used standard?

Data Format: URL Evidence

Time Frame: Current

Definition

Please provide evidence of the last conducted inventory

ES7.1 Please provide the total Scope 1 and 2 carbon emissions in tCO2e (tonnes (t) of carbon dioxide (CO2) equivalent (e).

Total Scope 1 + Scope 2 Emissions in tonnes (tCO2e) for the last full reporting year. (Data)

If you also report on Scope 3 Emissions, please list your Estimate here (Data)

Please also provide a URL that supports the above figures (URL Link)

Time Frame: Previous reporting year (June 2021- July 2022)

Definition

This should follow the GHG's protocols corporates standard for Scope 1 and 2. Your institution should be following their guidelines in order to submit this accurately. If you do not record your emissions in this way, please do not guess - leave it blank with an explanatory note.

Total greenhouse gas emissions for all buildings, both academic and residential, for the previous reporting year. Reported in kg CO2e.

Scope 1 emissions — This covers the Green House Gas (GHG) emissions that the university makes directly — for example while running its boilers and vehicles.

Scope 2 emissions — These are the emissions the university makes indirectly – like when the electricity or energy it buys for heating and cooling buildings, is being produced on its behalf.

Please do not submit guesswork

ES 9 Progress Towards Net-Zero

ES9.1 Please provide the Total Scope 1 & 2 for the baseline year

Data Format:

Base Line Year (Data)

Total Scope 1 & 2 for the Baseline Year in tCO2e (Data)

Time Frame: The year you started measuring this to GHG standards. 2005 is the earliest year we will accept.

Definition

Baseline measurement year + progress towards goal.

This should be the year, no earlier than 2005, which you consider your baseline year to measure progress against your net zero commitment. By baseline year we mean the point in history where you started to track emissions to GHG standards (or closest equivalent) and their progress/changes. Your default baseline year will be the first year (no earlier than 2005) for which you produced 12 months of full data.

ES9.2 Does your university have a carbon reduction target covering Scope 1 & 2 emissions by at least 2050? If not, please leave the evidence field blank

Data Format: URL Evidence

ES8 Renewables Generated Onsite

ES8.1 Please add the amount of energy generated in campus through renewable sources, in kWh, for the last reporting year. This would include energy consumed, stored or sold on.

Data Format:

Total Energy from Renewables (Data)

Time Frame: Previous reporting year (June 2021- July 2022)

Definition

This indicator refers to the total annual energy (kWh equivalent) generated through renewable energy sources for the whole estate.

Typically, this may include energy derived from:

- biomass-fuelled boilers,
- solar electric panels (photovoltaics),
- solar thermal panels (solar water heating),
- wind turbines,
- ground source heat pumps,
- other.

The consumed energy may not only be consumed by the university, but may also be sold on or stored.

If your institution does not have an accurate record of this, please do not submit guesswork. QS will devise country or regional minimums where this data is not submitted.

ES7.2 Please submit your total campus building footprint

Data Format:

Total Campus building footprint in square meters(Data)

Time Frame: Previous reporting year (June 2021- July 2022)

Definition

Gross Internal Area to be provided in meters squared (m2).

This refers to the whole enclosed area of a building within the external walls taking each floor into account.

GIA will typically include:

areas occupied by internal walls (whether structural or not) and partitions

service accommodation such as WCs, showers, changing rooms and the like

columns, piers, whether free standing or projecting inwards from an external wall, chimney breasts, lift wells, stairwells etc

lift rooms, plant rooms, tank rooms, fuel stores, whether or not above roof level

open-sided covered areas (should be stated separately)

GIA will typically exclude:

open balconies, open fire escapes, open-sided covered ways, open vehicle parking areas, terraces and the like, minor canopies, any area with ceiling height of less than 1.5m (except under stairways), any area under the control of service or other external authorities

ES6 Net Zero Commitment and Progress Towards Goal

ES6.1 Please provide the year your institution has publicly committed to reaching net-zero. If you have not committed to this, please leave the evidence field blank.

Data Format: URL Evidence

Time Frame: Current

Definition

An institution which has publicly committed to a net zero-year target, and/or is a member of the Race to Zero Commitment

If their target year is:

Before 2022 : score 50

Between now and 2025 : score 45

Between 2026 - 2030 : score 40

Between 2031 - 2035 : score 35

Between 2036 - 2040 : score 30

Between 2041- 2045 : score 25

Between 2046 - 2050 : score 20

Between 2051- 2055 : score 15

Between 2056 - 2060 : score 10

After 2060 or year not given : score 5

Please do not submit guesswork

Environmental Education(3)

EE3 Climate Science and/or Sustainability Courses

EE3.1 We offer these courses and they are linked to officially recognised credits (e.g., European Credit Transfer and Accumulation System - ECTS, in Europe)

Data Format: Tick

Time Frame: Current

EE3.2 They lead to the award of an officially recognised qualification that specifically refers to climate science and environmental sustainability (e.g., MSc in Climate Change: Science, Society and Solutions at the University of Manchester in the UK; BSc in Climate Science and Adaptation at the University of Newcastle, Australia)

Data Format: Tick

Time Frame: Current

Please provide evidence for the above claims: URL

Time Frame: Current

Environmental Research (3)

ER3 Research Centre with Sustainability Focus

Presence of a Research Centre with specific focus on environmental sustainability

ER3.1 The Research Centre has dedicated FTE Staff

Data Format: Tick

Time Frame: Current

ER3.2 This Research Centre contributes (through curriculum, teaching and supervision) to the teaching of undergraduate programmes and/or postgraduate programmes.

Data Format: Tick

Time Frame: Current

ER3.3 Evidence or Supporting Statement (Links can be included)

Data Format: Maximum of 100 Words

Time Frame: Current

Definition

A research centre that exists to conduct research into topics of sustainable development. This should be a named centre, with a director and centre-specific staff. It may be research only, or research & teaching combined.

SOCIAL IMPACT

Equality

EQ3 Faculty Gender Ratio

EQ3.2 Faculty Staff Male

Data Format: Data

Time Frame: Previous reporting year (June 2021- July 2022)

EQ3.1 Faculty Staff Female, Faculty Staff Other

Data Format: Data

Time Frame: Previous reporting year (June 2021- July 2022)

EQ2 Student Gender Ratio

EQ2.1 Students Female

Data Format: Data

Time Frame: Previous reporting year (June 2021- July 2022)

EQ2.2 Students Other

Total Student Nationalities

Data Format: Data

Time Frame: Previous reporting year (June 2021- July 2022)

EQ4 Women in Leadership Ratio

EQ4.1 Number of members in your senior leadership team

Data Format: Data

Time Frame: Previous reporting year (June 2021- July 2022)

Definition

Total number of people in leadership positions at the institution**The executive leader of the university plus the highest level of university management. To draw parallels from the corporate world, it is is the 'C-Suite' - e.g. the CEO, COO, CFO, COO and so forth. The important point is that these individuals report into the executive manager of the university. In our experience, the total headcount for 'leadership' would not much exceed 10 people.

EQ4.2 Number of the above members of your senior leadership team who are male

Data Format: Data

Time Frame: Previous reporting year (June 2021- July 2022)

EQ5 Equality, Diversity and Inclusion policy

EQ5.1 Does your institution have a current Equality, Diversity and Inclusion (EDI) policy?

EDI Policy

Data Format: URL Evidence

Time Frame: Current (up to 3 years old)

EQ5.2

Groups specifically protected by the policy:

- ☐ Age
- ☐ Gender
- ☐ Disability
- ☐ Race
- ☐ Religion or belief
- ☐ Sexual orientation
- ☐ Marriage and civil partnership
- ☐ Refugee and asylum seekers
- ☐ Pregnancy and maternity

Data Format: Tick

Time Frame: Current (up to 3 years old)

EQ7 Disability Support

EQ7.1 Do you offer support services for people with disabilities?

Existence of Disability Support Office

Data Format: URL Evidence

Time Frame: Current

EQ7.2 Campus is easily accessible by people with disabilities

Data Format: Maximum 50 Words

Time Frame: Current

EQ7.3 Access schemes for people with disabilities such as mentoring or other targeted support

Data Format: Tick and URL Evidence

Time Frame: Current

EQ7.4 Our university offers on-campus accommodation

Data Format: Tick

Time Frame: Current

EQ7.5 We have a reasonable accommodation policy or strategy for people with disabilities, including adequate funding

Data Format: Tick and URL Evidence

Time Frame: Current

Health and Wellbeing

HW2 Health Provision on Campus

HW2.1 Provision for healthy and affordable food choices for all on campus

Data Format: Tick and Text of Maximum 200 Words

Time Frame: Current

HW2.2 Access to physical health-care services including information and education services

Data Format: Tick and URL Evidence

Time Frame: Current

HW2.3 Access to sexual and reproductive health-care services including information and education services

Data Format: Tick and URL Evidence

Time Frame: Current

HW2.4 Access to mental health support for both staff and students

Data Format: Tick and URL Evidence

Time Frame: Current

GOVERNANCE

Good Governance

GG1 Ethics Culture

GG1.7 Do you have an equality, diversity and inclusion committee, office or officer (or the equivalent) tasked by the administration or governing body to advise on and implement policies, programmes and trainings related to diversity, equity, inclusion and human rights on campus?

- ☐ Existence of committee, office or officer

Data Format: Tick and URL Evidence

Time Frame: Current (up to 3 years old)

- ☐ Existence of anti-discrimination and anti-harassment policies
- ☐ Please provide policy URLs (x2)
- ☐ Please provide policy URLs (x2)

Data Format: Tick and URL Evidence

Time Frame: Current (up to 3 years old)

GG1.5 Existence of anti-bribery and corruption policy or equivalent.

Data Format: Tick and URL Evidence

Time Frame: Current (up to 3 years old)

GG1.6 This policy has been reviewed in the last 3 years, i.e. on or after 2020 (tick if apply)

Data Format: Tick

Time Frame: Current (up to 3 years old)

GG3 Dedicated staff / team for Sustainable Development

GG3.1 Does your institution have a dedicated staff member or team whose sole responsibility is to advance sustainable development at the institution? If so, please provide evidence (Max 200 Words)

Data Format: Text with Maximum of 200 Words

GG1 Ethics Culture

GG1.1 The university develops clear ethical values (e.g., diversity, honesty, respect, fairness) and these are enshrined in a publicly available strategic document

Data Format: Tick and URL Evidence

Time Frame: Current (up to 3 years old)

Definition

The presence of a dedicated ethics committee is an important sign that research is being conducted with transparency and oversight, and that key ethical concerns can be properly

raised and escalated. We may ask for proof of such a committee, which can take the form of: a link and or a document outlining the structure, governance and key stakeholders of the committee.

GG1.2 The university provides training based on those values at all levels of the organization

Data Format: Tick and URL Evidence

Time Frame: Current (up to 3 years old)

GG1.3 There is an office for ethical compliance within our institution, with a designated official with oversight on ethical matters across the institution

Data Format: Tick and URL Evidence

Time Frame: Current (up to 3 years old)

GG1.4 Our organization has an internal reporting system to assure the confidentiality of whistle-blowers or a grievance procedure for staff concerning an employment matter

Data Format: Tick and URL Evidence

Time Frame: Current (up to 3 years old)

GG5 Student's Union

GG5.1 Does your university have a student union?

The university has a recognized student union that represents both undergraduate and postgraduate students at university level. Its activities would include: representing the interests of students, acting as a liaison between students and university management, organizing students events, and other student support functions.

Data Format: Tick and URL Evidence

Time Frame: Current

GG5.2 The student union is connected/affiliated to a wider national student union body

Data Format: Tick and URL Evidence

Time Frame: Current

GG5.3 The student union elects its leadership, allowing students to vote.

Data Format: Tick and URL Evidence

Time Frame: Current

GG4 Transparent financial reporting

GG4.1 Does your institution publish their financial reports on an annual basis? If applicable, please tick as appropriate:

A public financial report (which may be included in the annual report) that lists, but is not necessarily limited to, the following:

- ☐ Income
- ☐ Expenditure
- ☐ Borrowing
- ☐ Surplus

Data Format: Tick and URL Evidence

Time Frame: Previous financial reporting year (Apr2021 to Mar 2022)

Please Provide Evidence (URL)

This should be for the last full financial year. If this is not yet available, we will accept reports up to a maximum of 3 years old.

GG7 Published governance minutes

GG7.1 Does your institution publicly share the decisions taken in your annual general meeting? If so, please share the link to these minutes.

Data Format: URL Evidence

Time Frame: Previous reporting year (June 2021- July 2022)

Definition

Minutes should be recorded in clear and concise form, and would typically include:

The formal recommendations, and formal decisions which a committee has made, in line with its terms of reference.

The minutes should be publicly available. This is a key feature of good and transparent governance.

Note: these minutes do not need to reveal confidential information or be exhaustive, but should provide readers with a sense of who attended those meetings, the topics for discussion, and any major action points.

GG6 Student Representation in Governance

GG6.1 Does your university's governing body have student representation? Does the university's governing body (senate / court /equivalent) have a seat for a student member. If so, please share the webpage link. If not, please leave blank.

Data Format: URL Evidence

Time Frame: Current

ADDITIONAL INFORMATION

1. Your institution's water consumption for the previous reporting year. Please use cubic meters (m3), where 1,000 L = 1 m3.

Data Format: Data

Time Frame: Previous reporting year (June 2021- July 2022)

2. Your institution's energy consumption for the previous reporting year. Please use kWh/year.

Data Format: Data

Time Frame: Previous reporting year (June 2021- July 2022)

Definition

The total energy consumption for all buildings, both academic and residential, for the previous reporting year. This should match the year used for submitting staff & student data.

3. How many students receive a scholarship covering 100% of their fees?

Data Format: Data

Time Frame: Previous reporting year (June 2021- July 2022)

4. How many students receive a scholarship covering at least 50% of fees?

Data Format: Data

Time Frame: Previous reporting year (June 2021- July 2022)

Metrics-Data fetched from Other Sources(27)	Data Sources
Alumni Impact for Innovation	Relevant Awards by University Graduates in Government and Third Sector NGO Agencies: 1.Forbes 30 Under 30: Social Entrepreneurs 2.Stockholm Water Prize by Stockholm Water Foundation 3.Financial Times Climate Leaders 2022
Member of an officially recognised sustainable group	Members in 1.U7 Alliance 2.International Sustainable Campus Network (ISCN) 3.Higher Education Sustainability Initiative (HESI)-43 Indian Universities are members 4.International Alliance of Research Universities (IARU) 5.International Universities Climate Alliance (IUCA)-1 Indian University is a member
Climate change commitment (staff perception)	QS Academic Reputation Survey (How to Minimize the Climate Change Impact in day to day Operations)
Academic Reputation for Sustainable Education	1.Academic Reputation from most recently published subject ranking in Earth and Marine Sciences 2.Academic Reputation from most recently published subject ranking in Environmental Sciences (Faculty Area: Natural Sciences)- Did not Participate
Alumni Impact for Environmental Sustainability - Public and Third Sector	Relevant Awards by University Graduates in Government and Third Sector NGO Agencies: 1.Champions of the Earth by UN 2.Blue Planet Prize by Asahi Glass Foundation
Research Impact on SDGs for Sustainable Research	Research output produced by institutions SDG 7 (Affordable and Clean Energy) SDG 11 (Sustainable Cities and Communities) SDG 12 (Responsible Consumption and Production) SDG 13 (Climate Action) SDG 14 (Life Below Water SDG 15 (Life on Land)
Sustainable Research National Statistics	Global Spending on R & D by the Research National Statistics (UNESCO)
Research Impact of SDGs for Equality	Research output produced by institutions SDG 5 (Gender Equality) SDG 10 (Reduced Inequalities)
Academic Equality (Staff Perception)	QS Academic Reputation Survey has specific measures in place to support employees with disabilities; is committed to supporting LGBT+ equality; is committed to supporting gender equality

Equality National Statistics	Score of the country for each of the following points Gender pay gap Ratio of Women in the workforce Seats held by women in parliament Ratio of Education Achieved Palma Index Global Acceptance Index from SDR(Sustainable Development Report and UCLA)
Knowledge Exchange: Progress / Dissemination	KE1.1. Research Progress KE1.2. Research Dissemination IRN Index = L / ln(P), where P is the distinct count of international partners (higher education institutions) and L is the distinct count international locations represented by them
Research Impact into SDGs for Education	Research output produced by institutionsSDG 4 (Quality Education)
Academic Reputation for Impact of Education	Academic Reputation from most recently published subject ranking in Education Academic Reputation from most recently published subject ranking in Politics Academic Reputation from most recently published subject ranking in Social Policy Academic Reputation from most recently published subject ranking in Law Academic Reputation from most recently published subject ranking in Art & Design
Alumni Impact for Education	1.Includes the alma-mater of chancellors and vice-chancellors of Top 100 institutions in the most recent QS World University Rankings 2.Top 10 most cited researchers in each of the 5 faculty areas (as defined by QS), as per SciVal
Academic Freedom Index	Academic Freedom Index is a report complied by researchers from the FAU Erlangen-Nürnberg, Germany and researchers from V-Dem in Gothenburg, Sweden one of the world's largest social science data collection projects on democracy and related concepts
Impact of Education National Statistics	Inbound mobility rate from UNESCO Graduation ratio from tertiary education from UNESCO Education expenditure from World Bank
Employer Reputation	QS Employer Reputation Survey on its connections with the Industry Sector
Research Impact into SDG's for Employment and Opportunities	Research output produced by institutions SDG 8 (Decent Work & Economic Growth) SDG 9 (Industry, innovation and Infrastructure) SDG 16 (Peace, Justice & Strong Institutions

Job Preparedness (Graduates View)	QS Employer Reputation Survey based on the Extent the skills gained during their latest degree were relevant to their current work activities.
Employment and Opportunities National Statistic	Unemployment rate data is extracted from World Bank
Partnerships with Industry	Institutions who have active research partnerships with companies in the Forbes 2000 list
Skills Satisfaction (provisional)	QS Global Employer Survey- Quality of the skills that an institution's graduates possess, as reported by employers
Research Impact of SDG's	Research output produced by institutions SDG 1 (No poverty) SDG 2 (Zero Hunger) SDG 3 (Good health & Wellbeing) SDG 6 (Clean Water & Sanitation).
Health and Wellbeing National Statistics	Subjective wellbeing score from the Sustainable Development Report The Yale Environmental Performance Index score
Alumni Experience	Alumni to comment on their experience of their university across a range of metrics the quality of its teaching the areas in which their university delivered well. the areas in which their university delivered less well. the types of support they received during their studies. the availability of arts and culture, accessibility and nightlife.
Open-Access Publishing	Open-access research papers (5 year period) The proportion of your overall research output that is published in open-access journals
National Signatory to UN charter against torture	A signatory for the United Nations Treaty Collection Convention against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment