UI GreenMetric Sustainable University Rankings

Fact File Analysis

RAJAMANGALA UNIVERSITY OF TECHNOLOGY PHRA NAKHON
THAILAND
2026

Contents

Notes from the Chairperson	1
Service Package	2
Edition Overview	3
University Profile	4
Verification Data	4
Result Summary	5
Performance by Indicator	6
Methodology	13

Notes from the Chairperson

Dear University Leaders and Sustainability Champions,

Welcome to the 2026 UI GreenMetric Sustainable University Rankings.

This year's edition marks an important milestone with the introduction of our seventh assessment criterion, Governance & Digitalization, reflecting the growing role of effective governance and digital transformation in advancing sustainability across higher education.

As the global sustainability landscape continues to evolve, UI GreenMetric remains committed to providing a transparent and meaningful framework that enables universities to measure progress, benchmark achievements, and inspire continuous improvement.

I sincerely thank all participating universities, partners, experts, and members of the UI GreenMetric community for your dedication and collaboration. Your commitment demonstrates that lasting impact is achieved through shared knowledge, innovation, and collective action.

We hope this report serves as both a reflection of your achievements and a valuable resource for strengthening sustainability efforts in the years ahead. Together, let us continue building a more resilient, inclusive, and sustainable future for higher education worldwide.

Sincerely,

Dr. Vishnu Juwono, S.E., M.I.A.
Chairperson
UI GreenMetric

Service Packages

Elevate Your University's Global Sustainability Impact

Empowering campuses worldwide to create a greener, smarter, and more resilient future.

2,016 Universities | **110** Countries | **6** Continents

A GLOBAL MOVEMENT DRIVING SUSTAINABLE CHANGE TOGETHER

WHY UNIVERSITIES CHOOSE US

Global Network

Engage with a vibrant network of more than 1,745 universities across 105 countries, sharing knowledge and best practices for a sustainable future.

Performance Analysis

Enhance sustainability performance with focused indicator analysis and customized improvement roadmaps tailored to your institution's needs.

Global Recognition

Strengthen your institution's visibility and leadership within the global sustainability movement and inspire positive change.

Strategic Partnerships

Advance global partnerships and SDG efforts through our programs, leadership forums, capacity-building workshops, and sustainability dialogues.

CONSULTING PACKAGES

Platinum | **Gold** | **Silver**

Let's Build a More Sustainable Campus Together!

partnership@uigreenmetric.com +62 812-2911-4072

Ready to strengthen your institution?

Partner with UI GreenMetric and lead the way in sustainability. Together, we create a better world for future generations.

Scan to schedule a consultation or learn more.

REGISTER NOW

Edition Overview

The 2026 edition of UI GreenMetric continues to strengthen its methodology, expand global participation, and enhance impact.

2026 EDITION HIGHLIGHTS

Record Participation

1,745 universities from 105 countries across all continents.

Methodology Enhancement

Refined indicators and updated data collection for greater accuracy and relevance.

Stronger Impact Alignment

Better alignment with the Sustainable Development Goals (SDGs).

Global Collaboration

Growing partnerships and knowledge exchange to accelerate sustainability in higher education.

ABOUT UI GREENMETRIC

Established in 2010, UI GreenMetric is a global sustainability initiative of Universitas Indonesia and a pioneer in sustainable university rankings.

For more than 16 years, UI GreenMetric has engaged thousands of universities worldwide and continues to expand by conducting assessments of cities, regencies, and corporations in Indonesia.

All assessment processes are carried out using rigorous and measurable methodologies as part of efforts to promote the achievement of sustainable development globally.

2,016 Universities

110 Nations

6 Continents

Since **2010**

METHODOLOGY FRAMEWORK

Established in 2010, UI GreenMetric is a global sustainability initiative of Universitas Indonesia and a pioneer in sustainable university rankings.

- Setting & Infrastructure
- Energy & Climate Change
- Waste Management
- Water Management
- Transportation
- Education & Research
- Governance & Digitalization

UNIVERSITY PROFILE

GENERAL INFORMATION

UNIVERSITY	RAJAMANGALA UNIVERSITY OF TECHNOLOGY PHRA NAKHON
COUNTRY	THAILAND
WEBSITE	HTTP://WWW.RMUTP.AC.TH/
EST.	2005

1. VERIFIED DATA

Campus Sustainability Scores

Overall Performance
64.65 %

Total Score
6465 / 10000

64.65%

Setting & Infrastructure (SI)
Current: **540** Maximum: 1100
49.09%

Water (WR)
Current: **625** Maximum: 1100
56.82%

Energy & Climate Change (EC)
Current: **1075** Maximum: 2000
53.75%

Transportation (TR)
Current: **1400** Maximum: 1700
82.35%

Waste (WS)
Current: **950** Maximum: 1700
55.88%

Education & Research (ED)
Current: **950** Maximum: 1300
73.08%

Governance & Digitalization
Current: **925** Maximum: 1100
84.09%

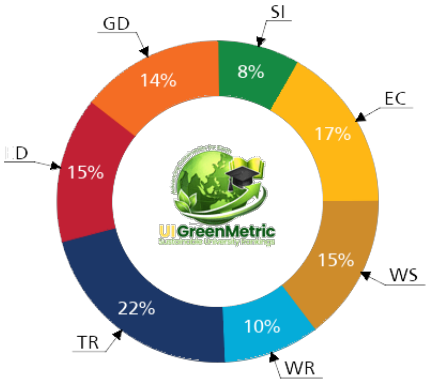

Figure 1.1 Category Score Contribution to Total Score

2. RESULTS SUMMARY

World Ranking	SI Ranking	EC Ranking	WS Ranking
696	1159	1068	825

WR Ranking	TR Ranking	ED Ranking	GD Ranking
870	310	601	402

3. WORLD RANKINGS HISTORY

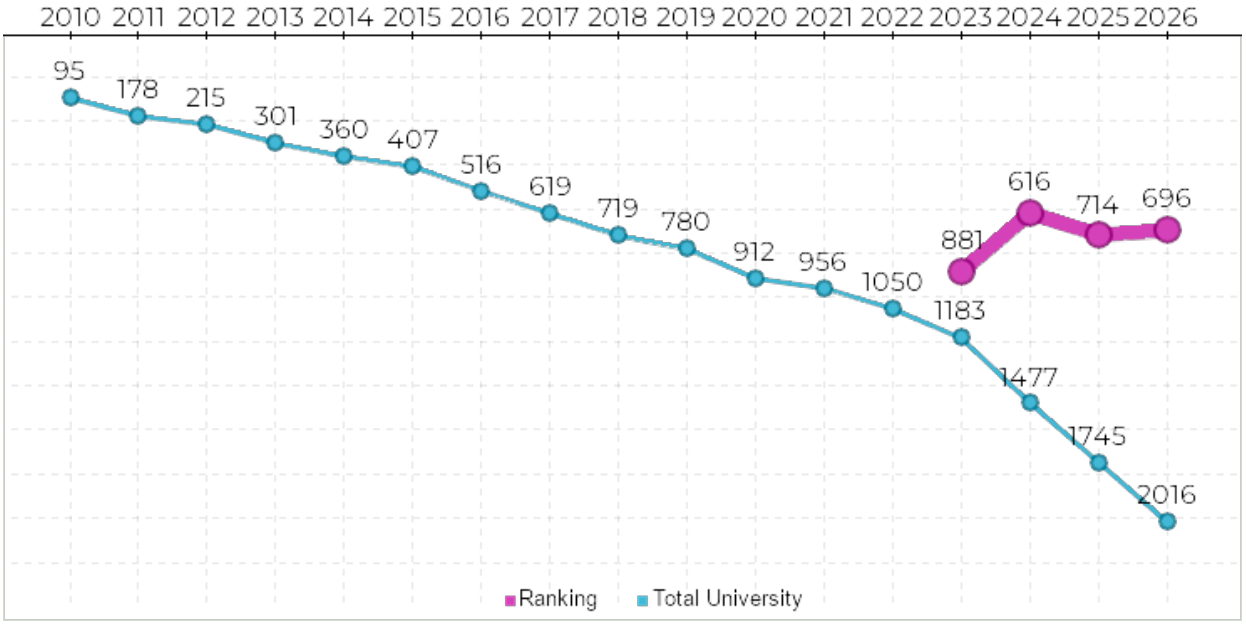

Figure 3.1 World Rankings History Diagram

4. RANKING IN THAILAND

Country Ranking	SI Ranking	EC Ranking	WS Ranking
40	55	44	45

WR Ranking	TR Ranking	ED Ranking	GD Ranking
42	25	34	31

PERFORMANCE BY INDICATOR - SI

SETTING & INFRASTRUCTURE

The campus setting and infrastructure information provides the basic information about the university's policy on green environment. The indicators also show whether the campus deserves to be called a Green University. The aim is to encourage the participating universities to provide more spaces for greenery and safeguard the environment

Indicator		Score
SI.1	The ratio of open space area to total area	50
SI.2	Total area on campus covered in forest vegetation used for research, teaching, and/or community engagement	5
SI.3	Total area on campus covered in planted vegetation	150
SI.4	The total open space area divided by total campus population	10
SI.5	Campus facilities for persons with disabilities, special needs, and/or maternity care	100
SI.6	Security and safety facilities	75
SI.7	Health infrastructure to support the well-being of students, academic staff, and administrative staff	50
SI.8	Conservation of flora, fauna, wildlife, and/or genetic resources secured in medium- or long-term conservation facilities	100

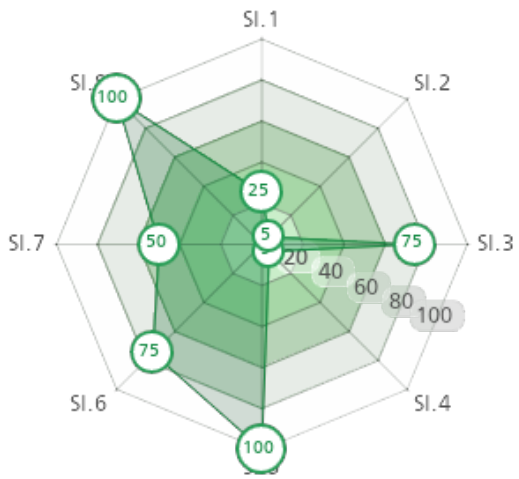

Figure 5.1 Percentage of Score to Maximum Score for Setting and Infrastructure

PERFORMANCE BY INDICATOR - EC

ENERGY & CLIMATE CHANGE

The university's attention to the use of energy and climate change issues has the highest score in this ranking. In our questionnaire, we define several indicators for this area of concern, i.e., energy-efficient appliances usage, the implementation of smart buildings/automation buildings/intelligent buildings, renewable energy usage policy, total electricity usage, energy conservation programs, elements of green buildings, climate change adaptation and mitigation programs, greenhouse gas emission reductions policy, and carbon footprint. Within these indicators, the universities are expected to increase their efforts in energy efficiency in their buildings and to care more about nature and alternative energy resources.

Indicator		Score
EC.1	Energy efficient appliances usage	150
EC.2	Smart building implementation	75
EC.3	Number of renewable energy sources on campus	75
EC.4	Total electricity usage divided by total campus' population	100
EC.5	The ratio of renewable energy production divided by total energy usage per year	150
EC.6	Elements of green building implementation as reflected in all buildings	150
EC.7	Greenhouse gas emission reduction program	200
EC.8	Total carbon footprint divided by total campus' population	100
EC.9	Number of innovative program(s) in energy and climate change	0
EC.10	Impactful university program(s) on climate change	75

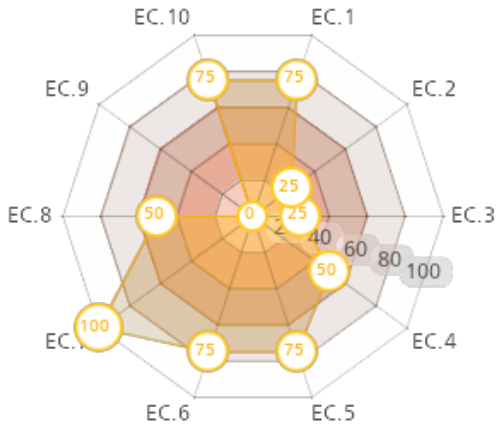

Figure 5.2 Percentage of Score to Maximum Score for Energy and Climate Change

PERFORMANCE BY INDICATOR - WS

WASTE

Waste treatment and recycling activities are major factors in creating a sustainable environment. The activities of university staff, students, and communities around university produce a lot of waste; therefore, some recycling and waste treatments programs should be among the concern of the university, i.e., 3R (Reduce, Reuse, Recycle) program, organic waste treatment, inorganic waste treatment, toxic waste recycling, sewage disposal, policies to reduce the use of paper and plastic on campus.

Indicator		Score
WS.1	3R (Reduce, Reuse, Recycle) program for university's waste	200
WS.2	Program to reduce the use of paper and plastic on campus	300
WS.3	Organic waste treatment	75
WS.4	Inorganic waste treatment	75
WS.5	Toxic waste treatment	225
WS.6	Sewage disposal	75

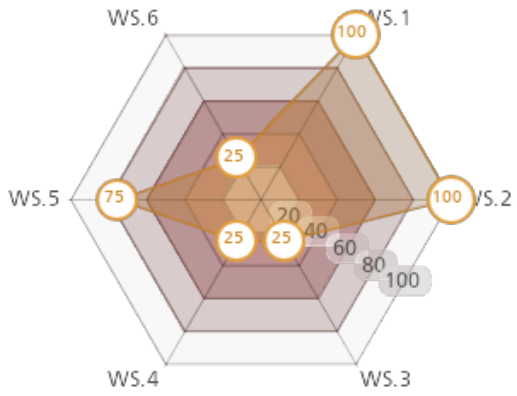

Figure 5.3 Percentage of Score to Maximum Score for Waste

PERFORMANCE BY INDICATOR - WR

WATER

Water usage at university is another important criterion in the UI GreenMetric. The aims are to encourage universities to decrease groundwater usage, increase water conservation programs, and protect habitats. Water conservation programs, water recycling programs, water-efficient appliances usage, and treated water usage are among the criteria

Indicator		Score
WR.1	Total area on campus for water absorption besides the forest and planted vegetation	25
WR.2	Water conservation program & implementations	200
WR.3	Water recycling program implementation	0
WR.4	Water efficient appliances usage	200
WR.5	Consumption of treated water	0
WR.6	Water pollution control in the campus area	200

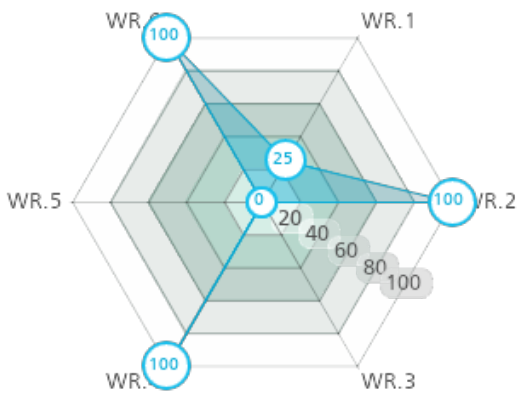

Figure 5.4 Percentage of Score to Maximum Score for Water

PERFORMANCE BY INDICATOR - TR

TRANSPORTATION

Transportation systems play an important role in carbon emission and pollutant levels at universities. Transportation policies that limit the number of motor vehicles on campus and encourage the use of campus buses, shared vehicles, and zero emission vehicles (i.e. bicycles, electric cars, electric motorcycles, canoes, snowboards, etc.) will encourage a healthier environment. The pedestrian policy encourages students and staff to walk around campus and minimize the use of private vehicles. The use of environmentally friendly public transportation will decrease the carbon footprint around campus.

Indicator		Score
TR.1	The total number of vehicles (cars and motorcycles) divided by total campus' population	100
TR.2	Shuttle services	250
TR.3	Zero Emission Vehicles (ZEV) availability on campus	100
TR.4	The total number of Zero Emission Vehicles (ZEV) divided by total campus population	100
TR.5	Ratio of the ground parking area to the total campus area	200
TR.6	Program to limit or decrease the parking area on campus for the last 3 years	200
TR.7	Number of initiatives to decrease private vehicles on campus	200
TR.8	The pedestrian path on campus	250

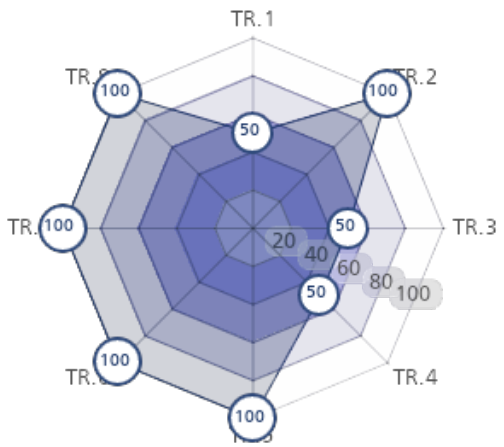

Figure 5.5 Percentage of Score to Maximum Score for Transportation

PERFORMANCE BY INDICATOR - ED

EDUCATION & RESEARCH

The university's education and research information provide basic information about the university's policies and actions in creating and supporting their students, academic and non-academic staff with sustainability awareness. This criterion also encourages universities to report their sustainability activities, strategies, and targets to their stakeholders.

Indicator		Point
ED.1	The ratio of sustainability courses to total courses/subjects	200
ED.2	The ratio of sustainability research funding to total research funding	200
ED.3	Ratio of scholarly publications on sustainability to lecturers/researchers on campus in one year period	100
ED.4	Number of events related to sustainability (environment)	100
ED.5	Number of activities organized by student organizations related to sustainability	37.5
ED.6	Number of cultural activities on campus	75
ED.7	Number of university sustainability program(s) with international collaborations	100
ED.8	Number of community services related to sustainability organized by university and involving students	100
ED.9	Number of sustainability-related startups	25
ED.10	Percentage of number of graduates with green jobs	12.5

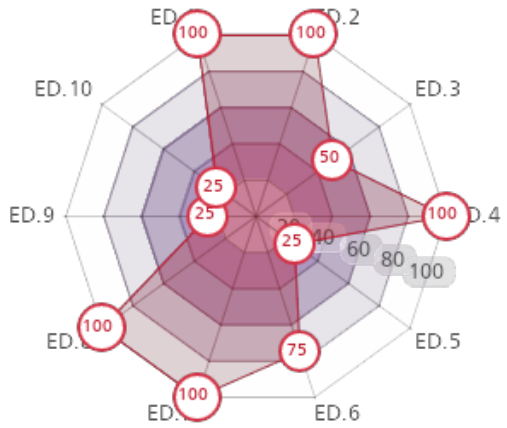

Figure 5.6 Percentage of Score to Maximum Score for Education & Research

PERFORMANCE BY INDICATOR - GD

GOVERNANCE & DIGITALIZATION

Governance and Digitalization capture the institutional enablers that support sustainability implementation, including governance structures, transparency, and the use of digital approaches. It measures how universities strengthen sustainability awareness and implementation among students, academic staff, and professional staff through policies, systems, and institutional arrangements. The category also encourages universities to publish sustainability and financial reports and communicate strategies, targets, and progress transparently to stakeholders as part of accountable sustainability governance.

Indicator		Point
GD.1	Percentage of university budget for sustainability efforts	50
GD.2	University-run sustainability website	200
GD.3	Sustainability report	100
GD.4	Financial report	100
GD.5	Availability of a unit/office coordinating sustainability on campus	100
GD.6	Use of ICT for sustainability program planning, implementation, monitoring, and evaluation	50
GD.7	Policy on advanced digital technologies (AI/IoT, etc.) to support decision-making, efficiency, and service delivery	50
GD.8	Ratio of female leaders to total institutional leaders	75
GD.9	Anti-corruption and integrity system	50
GD.10	Whistle-blowing and complaint system	50
GD.11	LMS-Enabled Digital Literacy Program	50
GD.12	Written code of ethics for university leaders, academic staff, administrative staff, and students	50

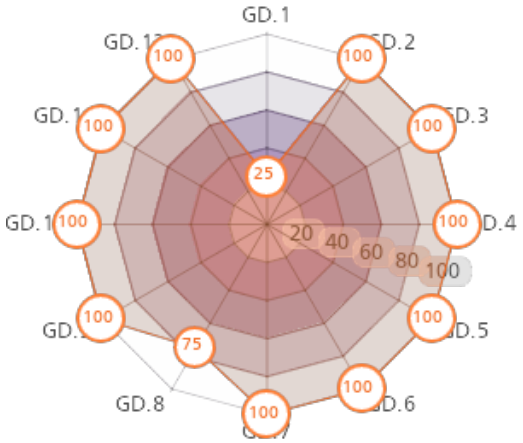

Figure 5.7 Percentage of Score to Maximum Score for Governance & Digitalization

Methodology

1. Setting & Infrastructure (SI) - 11%

Code	Indicator	Points
SI1	Ratio of open space area to total area	200
SI2	Total area on campus covered in forest vegetation used for research, teaching, and/or community engagement	100
SI3	Total area on campus covered in planted vegetation	200
SI4	Total open space area divided by total campus population	200
SI5	Campus facilities for persons with disabilities, special needs, and/or maternity care	100
SI6	Security and safety facilities	100
SI7	Health infrastructure to support the well-being of students, academic staff, and administrative staff	100
SI8	Conservation of flora, fauna, wildlife, and/or genetic resources secured in medium- or long-term conservation facilities	100
Total		**1100**

2. Energy and Climate Change (EC) - 20%

Code	Indicator	Points
EC1	Use of energy-efficient appliances	200
EC2	Smart building implementation	300
EC3	Number of renewable energy sources on campus	300
EC4	Total electricity usage divided by total campus population (kWh per person)	200
EC5	Ratio of renewable energy production to total annual energy usage	200
EC6	Green building elements implemented across buildings	200
EC7	Greenhouse gas (GHG) emission reduction program	200
EC8	Total carbon footprint divided by total campus population (metric tons per person)	200
EC9	Number of innovative programs in energy and climate change	100
EC10	Impactful university programs on climate change	100
Total		**2000**

Methodology

3. Waste (WS) - 17%

Code	Indicator	Points
WS1	3R (Reduce, Reuse, Recycle) program for university waste	200
WS2	Program to reduce paper and plastic use on campus	300
WS3	Organic waste treatment	300
WS4	Inorganic waste treatment	300
WS5	Toxic waste treatment	300
WS6	Sewage disposal	300
Total		**1700**

4. Water (WR) - 11%

Code	Indicator	Points
WR1	Total area for water absorption (excluding forest and planted vegetation areas)	100
WR2	Water conservation program and implementation	200
WR3	Water recycling program implementation	200
WR4	Use of water-efficient appliances	200
WR5	Consumption of treated water	200
WR6	Water pollution control in the campus area	200
Total		**1100**

Methodology

5. Transportation (TR) - 17%

Code	Indicator	Points
TR1	Number of combustion-engine vehicles (cars and motorcycles) divided by total campus population	200
TR2	Shuttle services	250
TR3	Availability of Zero-Emission Vehicles (ZEV) on campus	200
TR4	Number of ZEV divided by total campus population	200
TR5	Ratio of ground parking area to total campus area	200
TR6	Program to limit or reduce parking area over the last three years	200
TR7	Number of initiatives to reduce private vehicles on campus	200
TR8	Pedestrian paths on campus	250
Total		**1700**

Methodology

6. Education & Research (ED) - 13%

Code	Indicator	Points
ED1	Ratio of sustainability courses to total courses/subjects	200
ED2	Ratio of sustainability research funding to total research funding	200
ED3	Ratio of sustainability-related scholarly publications to lecturers/researchers (one-year period)	200
ED4	Number of sustainability-related events or program	100
ED5	Number of sustainability-related activities organized by student organizations per year	150
ED6	Number of cultural activities on campus	100
ED7	Number of sustainability programs with international collaborations	100
ED8	Number of sustainability-related community services involving students	100
ED9	Number of sustainability-related startups	100
ED10	Percentage of graduates with green jobs (last three years)	50
Total		**1300**

Methodology

7. Governance & Digitalization (GD) - 11%

Code	Indicator	Points
GD1	Percentage of university budget for sustainability efforts	200
GD2	University-run sustainability website	200
GD3	Sustainability report	100
GD4	Financial report	100
GD5	Availability of a unit/office coordinating sustainability on campus	100
GD6	Use of ICT for sustainability program planning, implementation, monitoring, and evaluation	50
GD7	Policy on advanced digital technologies (AI/IoT, etc.) to support decision-making, efficiency, and service delivery	50
GD8	Ratio of female leaders to total institutional leaders	100
GD9	Anti-corruption and integrity system	50
GD10	Whistle-blowing and complaint system	50
GD11	LMS-Enabled Digital Literacy Program	50
GD12	Written code of ethics for university leaders, academic staff, administrative staff, and students	50
Total		**1100**

Light green indicates the new indicators for 2026.

UI GreenMetric Sustainable University Rankings (SUR)

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CERTIFICATE

OF ACHIEVEMENT

This certificate is proudly presented to

RAJAMANGALA UNIVERSITY OF TECHNOLOGY PHRA NAKHON

as The 696th World's Most Sustainable University
in the
UI GreenMetric Sustainable University Rankings 2026

23 September 2026

Dr. Vishnu Juwono, S.E., M.I.A.
Chairperson
UI GreenMetric