UNIVERSITY PERFORMANCE METRICS

REGIONAL RATING SYSTEM

2023

FACT FILE

Institutional Level

Dong Thap University

Viet Nam

GREETINGS!

The Regional Rating System - **UNIVERSITY PERFORMANCE METRICS** - **UPM** has been developed to assess the responsiveness of universities in the Fourth Industrial Revolution era through the five core indicators: *Entrepreneurial Spirit, Innovative Approaches, Digital Transformation, Student Mobility, and Ethical Values.*

UPM includes a set of 52 indicators across 8 categories following two distinctive orientations: research and application. Evaluation results are presented in the form of an overall score for the whole institution and a score for each category and each indicator, corresponding to a number of Stars ranging from 1 – 5 and 5 Stars ELITE. Institutions awarded with higher star numbers indicate exemplary reputation, the highest of which are at a competitive level of the Top 500 world universities (for 5-stars ELITE research-intensive HEIs), Top 1000 world universities (for 5-stars research-intensive HEIs) and Top 1000 Asian universities (for 5-stars teaching focus HEIs).

This rating system could bring significant benefits to different stakeholders. Higher-education institutions can use it as a benchmark tool for strategic development, as well as evidence-based branding for attracting students and potential partners.

Benchmarking results can be used as useful indicators for students to select study destinations and for employers to recruit qualified human resources. They can also be a reliable source of reference for national governments to make future policies or decisions on education.

UPM is extremely pleased to inform you the benchmarking results of your institution. This assessment report presents the detailed rating results and the data that has been used as the basis for the rating score. Hopefully, this would provide you with useful information for your institution's self-benchmarking and strategic governance. In addition, you can use it for your media communication.

Thank you for taking part in **UPM**. If you need any further information about the results, please feel free to contact us at upm@vnu.edu.vn.

UPM
UNIVERSITY PERFORMANCE METRICS

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Innovate To Transcend

OVERALL RATING

UNIVERSITY PERFORMANCE METRICS

Dong Thap University
Viet Nam

★★★★

APPLIED UNIVERSITY

Achieved score	Weight
645	1,000

CATEGORY RATING

Strategic Ambition	★★★★★ UPM	48	60
Education	★★★★ UPM	235.5	350
Research	★★★★★ UPM	170	200
Innovation	★★★ UPM	48	100
University Ecosystem	★★★★ UPM	56	80
Digital Transformation	★★ UPM	15.5	80
Internationalization	★★ UPM	12	50
Community Services	★★★★ UPM	60	80

STRATEGIC AMBITION

No.	Criterion & Indicators	Weight	Minimum rating level	Real data	Score	Awarded stars
1	**Strategic Ambition**	**60**			**48**	
1.1	**University Character** The mission and vision statements clearly articulate the university primary role, focus and direction of development. The university strengths are well aligned with national and/or regional political or economic priorities.	10	0-6	5	8.5	
1.2	**21st Century University Alignment** The university strategy and plan demonstrate the required responsiveness of universities in the era of the Third Generation and Fourth Industrial Revolution (4IR) through the five core indicators: (i) Entrepreneurial Spirit, (ii) Innovation Approaches, (iii) Digital Transformation, (iv) Student Mobility, and (v) Ethical Values.	20	0-6	5	16.5	
1.3	**Reputation Capital Development** The university has defined its reputational ambitions which are articulated in the strategic or corporate plan: (i) The university corporate plans and core statements specify and make references (e.g. through the KPIs, goals) to a desired, future reputation for the university, (ii) There is a university identity guide that acts as a quality assurance mechanism for the visualization of the brand and reputational attributes and (iii) Academic and service departments have set out how they can positively contribute to enhancing the university reputation.	10	0-6	4	6.5	
1.4	**Student Centric Policies and Processes** Documents, policies and resource allocation to carry out missions and achieve goals are established and implemented, especially resource investment for achieving the goals of 21st Century University Character mentioned for indicator 1.2.	10	0-6	4	6.5	
1.5	**Accreditation and Ranking** The university has received and implemented the results of institutional accreditation or/and international ranking for the institution or related program, field, subject areas.	10	0-2	2	10	

EDUCATION

No.	Criterion & Indicators	Weight	Minimum rating level	Real data	Score	Awarded stars
2	**Education**	**350**			**235.5**	
2.1	**Quality of Incoming Students** The average score (or the admission percentage) of incoming freshmen in national university entrance exams/selections of the programme in the last 3 consecutive years.	30	40-75	66.5	22.5	
2.2	**Size of Academic Faculty** The proportion of academic staffs of the total number of undergraduate and postgraduate students	30	2-6%	5.8	28.5	
2.3	**Size of Academic Faculty Quality** The proportion of academic faculty staff with a Ph.D. degree of the total number of academic staff	60	2-45%	25.3	32.5	
2.4	**Faculty Reputation** The proportion of lecturers bearing titles of professor to the total number of faculty staff	30	2-10%	3	4	
2.5	**Size of Graduate Education** The proportion of graduate education (MSc. and Ph.D. students) to the overall scale of the institution's education.	25	0-10%	10.3	25	
2.6	**Size of Doctoral Education** The average proportion of Ph.D. students to the overall scale of the institution education. in the last 3 consecutive years.	25	0-0.5%	0.29	14.5	
2.7	**4IR Responsiveness in Program Structure and Contents** (i) The training programs and courses are shown to be comprehensive, up-to-date, and made available and communicated to all stakeholders, (ii) The program contents demonstrate the responsiveness to the requirements of the era of the Fourth Industrial Revolution (4IR) in both generic outcomes (in particular, entrepreneurial and digital mindset and skills, etc.) and subject specific outcomes (related to knowledge and skills of 4.0 technology and solutions) and (iii) There exist new and/or launching programs related to basic 4.0 technologies such as IoT, AI, Big Data, Robotics, Digital Economy, Creative and Culture Industries.	30	0-7	4	17	
2.8	**Personalized Learning** The advantages of credit-based training are brought into full play, reaching the goal of individualization and/or personalization in training; encouraging cooperation among the faculties within the university, with other universities and industries. Online learning materials are provided to implemented micro-nano certifications/modules and then to support the completion of the degree course through to graduation before the expected time.	20	0-7	4	11.5	

2.9	**Student Teaching and Research Assistantship Policies** The university policies facilitate the student teaching and research assistantships are established, which allow students to work as teaching assistants or research assistants. Teaching and research assistantships may be offered by the student faculty advisor of academic departments. Research assistantships vary by discipline and lab but include entrepreneurship and start-up activities.	20	0-7	5	14.5	★★ ★★ UPM
2.10	**Student Experience Review and Benchmarking** University-wide student experience surveys (and other research processes) capture not only student's satisfaction with existing services but also student's views on the relative importance of the services provided, and any new services that may be required.	20	0-7	4	11.5	★★ ★★ UPM
2.11	**The Completion Rate** The completion rate is the percentage of students from the initial enrolment cohort of the program that completed the degree course through to graduation within the expected time.	15	50-95	89.7	13	★★ ★★★ UPM
2.12	**Student Satisfaction with Teaching** 90% of student satisfaction with scaled scores down to 50%. Results conducted by the institution applied to all the education programs.	15	50-90	91.5	15	★★ ★★★ UPM
2.13	**Employer Satisfaction with Teaching** 90% of employer satisfaction with scaled scores down to 50% (data of university surveys).	15	50-90	85	13	★★ ★★★ UPM
2.14	**Student Employability** The percentage of graduates having jobs after 12 months (90% with scaled scores down to 50%).	15	50-90	84.2	13	★★ ★★★ UPM

RESEARCH

No.	Criterion & Indicators	Weight	Minimum rating level	Real data	Score	Awarded stars
3	**Research**	**200**			**170**	
3.1	**Research Productivity** The average number of papers indexed on Scopus database per academic staff in the recent 3 years (2018-2020) as per the UPM analysis.	100	0-0.6	0.6	100	
3.2	**Research Impact** Research impact is determined via the CiteScore metrics which counts the citations received in 2020 to papers published in 2017, 2018 and 2019. This number is divided by the number of documents indexed on Scopus published in 2017, 2018 and 2019 as per UPM analysis.	50	0-3	4.1	50	
3.3	**Scholarly Books Publication** The average number of academic/scholarly books and text-books with respect to a post-graduate discipline and field/department in the last 5 years.	15	0-1	10	15	
3.4	**Prolific Research** The percentage of faculty staff getting ministerial, national or international academic awards in the last 5 years.	15	0-3	1	5	
3.5	**Scimago Research Index** The Scimago Institutions Rankings (SIR) is a classification of academic and research-related institutions ranked including research performance. Information on the website of SIR, https://www.scimagoir.com/ as per the UPM analysis up till 2020.	20	0-1	0	0	N/A

INNOVATION

No.	Criterion & Indicators	Weight	Minimum rating level	Real data	Score	Awarded stars
4	**Innovation**	**100**			**48**	
4.1	**Nationally Recognized Intellectual Property** The number of utility solutions, patents registered with national IP offices during the last 5 years (including copyrights for HEIs in Social Sciences).	15	0-5	2	6	
4.2	**Globally Recognized Intellectual Property** The number of patents registered with international IP offices during the last 5 years. Information on the website of Espacenet, https://worldwide.espacenet.com/patent/ as per the UPM analysis up till 2020.	15	0-2	0	0	N/A
4.3	**Budget for Research and Innovation** The average proportion (20%) of revenue sponsored for research, R&D, innovation and start-up to the total income for total expenditure for past three fiscal year – including all public and/or private funds.	30	0-7.5%	7	28	
4.4	**Start-up Businesses and Spin-off Companies** Start-up businesses, spin-off companies and social and cultural entrepreneurship developed from faculty staff and student research outcomes in the last 5 years.	15	0-2	1	7.5	
4.5	**Scimago Innovation Index** The Scimago Institutions Rankings (SIR) is a classification of academic and research-related institutions ranked including innovation outputs. Information on the website of SIR, https://www.scimagoir.com/ as per the UPM analysis up till 2020.	15	0-1	0	0	N/A
4.6	**Innovation Alliances** The university has critical partners that help define, substantiate and achieve innovation claims and ambitions.	10	0-6	4	6.5	

UNIVERSITY ECOSYSTEM

No.	Criterion & Indicators	Weight	Minimum rating level	Real data	Score	Awarded stars
5	**University Ecosystem**	**80**			**56**	4 stars
5.1	**Research, R&D and Innovation Facilities** Education programs have adequate laboratories and equipment for (i) practice, (ii) research, (iii) R&D and innovation.	15	0-7	4	8.5	4 stars
5.2	**Creative Co-working Space and Start-up Supports** Space for innovation and start-up support is established for faculty staff, students and start-up community to share ideas, design, construct and develop new products.	15	0-7	5	10.5	4 stars
5.3	**Sports and Campus Facilities** Sports facilities, Cafeteria, Bookstore, Social Spaces, Clubs, Health services... are available and easily accessible for students and faculty.	15	0-7	5	10.5	4 stars
5.4	**Library** The library is sufficiently equipped for education and research and is easily accessible.	20	0-7	4	11.5	4 stars
5.5	**Business and Industry Partners** The number of university businesses, industries and organizations that: (i) have collaboration in student training and research, start-up projects; (ii) provide funding/grants for customized research or/and (iii) have collaboration in R&D resulting in co-publications and shared IP license/industry co-patents.	15	0-1%	1	15	5 stars

DIGITAL TRANSFORMATION

No.	Criterion & Indicators	Weight	Minimum rating level	Real data	Score	Awarded stars
6	**Digital Transformation**	**80**			**15.5**	
6.1	**Information Analysis and Management** Database and statistics software for key fields: learning management system (LMS), student experience journey management and quality assurance database, including digital solutions that enable students to interact with the university online, 24/7, on a self-service basis. Integrate systems and consolidate data to drive decision making.	10	0-7	4	5.5	
6.2	**Digital scholarly resources** The number of digitalized learning materials and copyrighted digital documents on the institution website/repository per faculty member.	10	0-20	23	10	
6.3	**Learning resource access** Statistics of access frequency to digitalized learning resources of students and faculty staffs.	10	0-5	0.1	0	
6.4	**Interactive Learning** Teaching design emphasizes the use of online platform to attract student attention, strengthen the interactions between faculty staffs and students, and highlight "student-centric" education concept.	10	0-2	0	0	N/A
6.5	**MOOC and Digital Lessons (e-Learning)** The average number of online (recorded teaching, live teaching etc.) or/and MOOC courses of the total number of education programs with necessary links demonstrated in the institution portal, which support blended and/or personalized learning delivery models.	10	0-5	0	0	N/A
6.6	**Blended Learning** 50% scaled down to 15% of courses available at each training program that can be taken entirely blended learning through online learning.	10	15-50%	15	0	
6.7	**Application of Cyber Physical System (CPS)** Virtual practice laboratories and/or manufacture factories related to the copyrighted applications of IoT, AI... are being in use for the total number of tertiary programs.	10	0-2	0	0	N/A
6.8	**Information Ethics** Information ethics, including academic integrity, moral behaviors, electronic security measures are ensured. Use at least 01 copyrighted software for duplication and/or similarity checking.	10	0-1	0	0	N/A

INTERNATIONALIZATION

No.	Criterion & Indicators	Weight	Minimum rating level	Real data	Score	Awarded stars
7	**Internationalization**	**50**			**12**	★★ UPM
7.1	**International Joint Training Programs** The number of active international joint training programs, the degrees of which are granted by a foreign university or co-granted by the institution and a foreign university	10	0-2	0	0	N/A
7.2	**International Students** 2% of students with foreign nationalities studying in formal degree programs (of the total number of the students in the institution)	10	0-2%	0	0	N/A
7.3	**International Faculty** 5% of academic staff with foreign nationalities (of the total number of faculty), who teach at least one subject/course or spent at least 3 consecutive months teaching or doing research at the institution (averaging for 3 years before the Covid pandemic, i.e. for 2017-2019).	5	0-5%	1	1	★★ UPM
7.4	**Student Exchange** 5% of students holding foreign citizenship (of the total number of student) take cultural exchanges course(s) or other course(s) and/or do internship the credits of which can be transferred (averaging for 3 years before the Covid pandemic, i.e. for 2017-2019).	5	0-5%	0.3	0.5	★ UPM
7.5	**International Research Collaboration** The proportion of Scopus publications affiliated with international scientists in the period of 2016-2020 as per UPM analysis.	20	0-90%	48	10.5	★★★ UPM

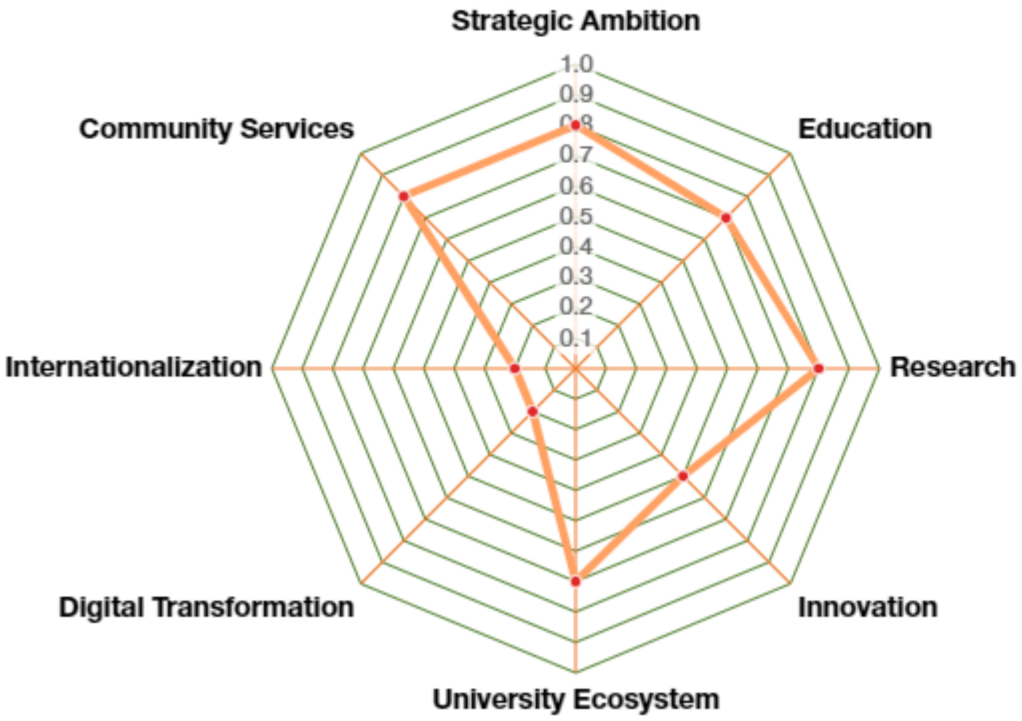
COMMUNITY SERVICES

No.	Criterion & Indicators	Weight	Minimum rating level	Real data	Score	Awarded stars
8	**Community Services**	**80**			**60**	
8.1	**Life-Long Learning Capacity Enhancement** The average number of short-term courses designed to efforts to tailor education to meet the life-long learning requirements.	20	0-1	1.5	20	
8.2	**Impact of Sustainable Development Research** Research impact of publications related to the realization of the UN 17 sustainable development goals (SDGs), including: no poverty, zero hunger, good health and well-being, quality education, gender equality, clean water and sanitation; affordable and clean energy, decent work and economic growth; industry, innovation and infrastructure; reduced inequality; sustainable cities and communities; responsible consumption and production; climate action; life below water; life on land; peace; justice and strong institutions.	20	0-10	11	20	
8.3	**Realization of Sustainable Development Research** Research and R&D projects relate to the realization of the UN 17 SDGs were conducted or transferred to the region in the last 5 years.	20	0-2	0	0	N/A
8.4	**Social Norm Promotion** Community engagement activities (between the university and socio-political organizations) to: (i) promote the university impact on the community sustainable development (such as climate change, energy conservation program, water conservative program, recycle program, transportation policies) and (ii) foster harmoniously social norms (such as activities to pay back, support students in need, help the poor and people affected by natural disasters).	20	0-2	2	20	

BASIC FACTS AND FIGURES

Total training size:	**8,759**
Undergraduate students:	7,941
Master students:	795
Doctoral students:	23
Total number of academics:	**571**
Full-time faculty staff:	417
Part-time lecturers/professors:	45
Full-time faculty staff with doctorate degree:	98
Full-time faculty staff bearing titles of Professor or Assoc. Professor:	11
Total number of education programs:	**38**
Undergraduate programs:	31
Master programs:	6
Doctoral programs:	1

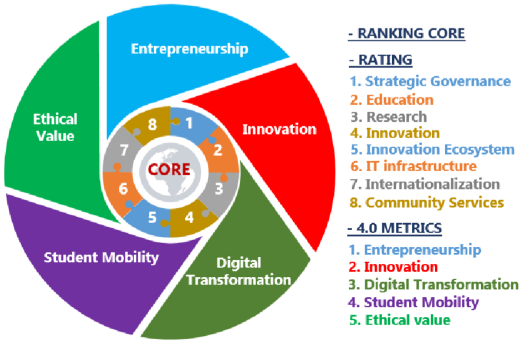
GENERAL ANALYSIS



ABOUT UPM

WHAT

- UPM is the rating system, the development of which was funded by the Vietnam Ministry of Education and Training, to assess the responsiveness of universities in the 4th Industrial Revolution (4IR) era.
- At the institutional level, UPM evaluates university performance through 52 indicators across 8 categories, especially focusing on the 5 core characteristics of higher education 4.0: *Entrepreneurship, Innovation, Digital Transformation, Student Mobility and Ethical Values*. The evaluation follows two distinctive orientations: research and application. Evaluation results will be presented in the form of an overall score for the whole institution, and a score for each category, corresponding to a number of Stars ranging from 1 – 5 and 5 Stars ELITE. Universities awarded with higher star numbers indicate exemplary reputation, the highest of which are at a competitive level of the Top 500 world universities (for 5-stars ELITE research-intensive universities), Top 1000 world universities (for 5-stars research-intensive universities) and Top 1000 Asian universities (for teaching focus universities).

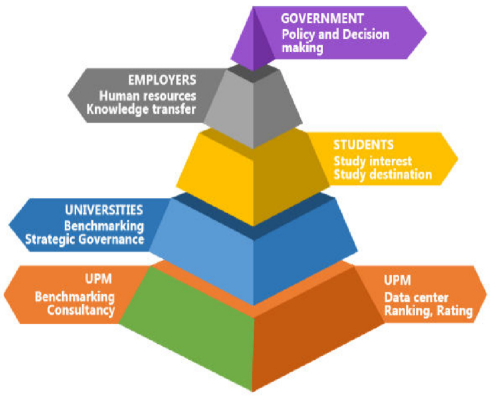


WHY

- Traditional university ranking, rating systems just focus on traditional academic and human resource performance, in particular, on world/region top HE institutions.
- In the era of 4IR, the world is changing rapidly with high uncertainty, broad connectivity and unlimited potentials.
- Universities have new roles and responsibilities:

  • Employees ➡ Employees and Entrepreneurs
  • Knowledge Creation and Transfer ➡ Knowledge Creation and Exploitation
  • Academic Institution ➡ Real World (Inside-out – Outside-in).

- Benchmarking and assessing the quality of a university should be performed in a holistic and innovative way. UPM can satisfy that requirement by reasonably integrating the main features of education accreditation with those of university ranking and rating while placing paramount importance on the 5 core characteristics of HE 4.0.



WHO

- As a data and analysis center, UPM facilitates benchmarking and provides consultancy for the national HE system, as well as HE institutions and programs in the region.

BENEFICIARIES:

- HE institutions can use UPM criteria to benchmark themselves or as a tool for strategic governance and partner development.
- Students can be informed by UPM benchmarking results to pursue their study interests and choose their study destinations.
- Employers can recruit qualified human resources and make use of S&T achievements indicated by UPM benchmarking results.
- Governments can use UPM benchmarking results as the basis for policy and decision making.

HOW

- Visit the site http://upm.vn for full introduction and methodology; download the UPM dataset template. Fill in the dataset and submit the self-reported data for the institution as a whole to UPM at upm@vnu.edu.vn.
- UPM team and their advisory committee will review and approve the data, then decide the score. A fact file is available for participant universities before official launching. All data are secured by the institution as well as UPM.
- After assessing and awarding the stars, UPM can publish the institution's profile and the results of the overall star and the score for each category on its website.
- The detailed results of all indicators can also be publicized by the institution. The institutions can provide third parties with the details all the data released from a UPM dataset either in printed or digital forms.