

PERFORMANCE INDICATOR DISTRIBUTION 2023 FOR UiTM CAWANGAN PULAU PINANG

NAMA PROJEK	KOOR / KETUA UNIT / PTJ	KOD PI	PI	OD	SASARAN 2023	PEMBERAT
GOOD GOVERNANCE, PROMINENCY & SULAM	AJK PS PENDAFTAR	PI085	Number of staff with 3 years industry experience.	Staff with a relevant industry experience of 3 years and more (permanent/ contract) - verified by the faculty/ campus. *INDUSTRY covers all not necessarily manufacturing and services based.	31	2.5
	AJK PS PENDAFTAR	PI086	Number of activity related to ESI-iDART.	Number of activity related to enhancement UiTM2025 values (ESI-iDART) that conducted physically to virtually and reported by PTJ to ILD for the current year.	4	1.0
	PENDAFTAR	PI087	Number of academic staff with PhD qualification.	Number of academic staff including contract staff (local and international) with PhD qualification. Academic qualification is not professional qualification. Level 8 MQA qualification are considered as PhD equivalence.	268	4.0
	AJK PS PENDAFTAR	PI088	Number of staff with professional qualifications.	Number of staff (academic and non-academic) with active Professional Qualification awarded by local or international professional bodies, which is governed by act/ governed by Board, Council, Association/ by practice for the current year. •Faculties/ campuses/ departments need to ensure the data is updated in the HR system.	95	3.5
	AJK PS PENDAFTAR	PI089	Number of staff attached with top global 2000 companies or top 300 universities.	Number of staff (academic and non-academic) who are attached with top 2000 global companies or top 300 universities by QS ranking (at least 3 months) (continuous/intermittent) for the current year (using start date) that includes the following: •Sabbatical leave •Industrial attachment/industrial training (intermittent) •Professional Training •Outbound Scholar in corporate organisation that owns or control production of goods or services in at least one country other than its home country OR top 300 universities by QS ranking •outbound post-doctoral * Secondment	8	2.0
	AJK PS PENDAFTAR	PI090	Number of staff as members in international and national academic/ professional bodies/ associations/ NGO.	Total number of staff as members in international and national Academic/ Professional Bodies/ Associations/ NGOs.	133	2.5
	PENDAFTAR	PI091	Number of international academic staffs.	The number of active full time international academic staff with at least 6-month service. The number of international academic staff reported for the current year. •Contract Staff •Academia Appointment with at least 6 months and post-doctoral (inbound).	7	4.0

	KETUA UNIT KUALITI	PI094	Number of OE Project.	Number of Operational Excellence (OE) projects focused on customer satisfaction, performance of PTJ and other achievement related to UiTM2025 Strategic Plan (Strategic Theme 7 - Agile Governance). Reported by PTJ using Online Process Improvement Registration (OPIR) for the current year.	1	1.0
	KETUA UNIT KUALITI	PI095	Number of KIK Project.	Number of KIK Projects participated & registered using SPKIK portal. Projects documentation are required for KIK convention. This is to be encourage for future participation in IPR, or national & international conventions.	1	1.0
	AJK PS PENDAFTAR	PI096	Number of activity related to Happiness Index.	Number of activity related to enhancement of Happiness Index according to PERMAI model conducted physically or virtually and reported to ILD for the current year.	2	1.0
	UKK	PI099	Amount of Media Value received.	Media value is print, electronic and non-traditional news coverage resulting from editorial content generated via press releases, interviews, photos, video and special events using the advertising value equivalency (AVE).	RM6,225,638.00	1.0
	AJK PS BPF	PI105	Water conservation program and implementation.	Number of water conservation program and implementation. PTJ must report all activity to PPII's system.	2	2.0
	AJK PS BPF	PI107	Recycling program for university's waste.	Number of recycling program for university's waste. PTJ must report all activity to PPII's system.	2	2.0
	AJK PS BPF	PI108	Program to reduce the use of paper and plastic on campus.	Number of program to reduce the use of paper and plastic on campus. PTJ must report all activity to PPII's system.	2	2.0
	AJK PS PENDAFTAR	PI125	Number of staff registered for PhD studies.	Number of staff registered for UiTM postgraduates (PhD) studies for the current year (full-time/part-time).	2	1.0
	InQKA	PI126	Number of AKNC Project.	Number of AKNC reported using i-AKNC system that focused on the performance in the aspects quality management of PTJ. The management will be able to extract information which is needed in SETARA n CoPIA reports.	1	1
	BENDAHARI	PI128	Income generation from Kumpulan Wang Pengurusan.	Total income generated derived from Kumpulan Wang Pengurusan (KW SA) [72* (self-funding from student fees) + all code account 74* + 774* (except for non-cash items) for campuses other than Shah Alam. Total income generated derived from Kumpulan Wang Pengurusan (KW SA) (All code 7*) for Shah Alam.	RM300,000.00	1
	BENDAHARI	PI129	Income generation from Kumpulan Wang Amanah.	Total income generated derived from Kumpulan Wang Amanah (KW AA) [72* (self-funding from student fees) + all code account 74* + 774* (except for non-cash items)] for faculties and campuses. Total income generated derived from Kumpulan Wang Amanah & Penyelidikan (KW AA & KW RD) (All code 7* for KW AA and code 2*+ 3*+ 4*+ 5* for KW RD) for Shah Alam.	RM800,000.00	3.5
INTERNATIONALIZATION & DIGITAL EDUCATION	TVET & KUHEK	PI005	Number of academic programmes embedded with new international credited service learning activities.	Number of academic programmes that embed course-based, credit bearing educational experience in which students participate in a new international structured service activity that meet identified community needs conducted either through face to face or online.	1	2.0

	AJK PS HEA	PI006	Percentage of GOT students (Undergraduate).	<p>Percentage of Graduate on Time based on intake (iGOT) for Bachelor programme</p> <ul style="list-style-type: none"> • iGOT calculation are for full time bachelor students only. • Example of iGOT calculation: For a 4-year Bachelor degree programme, percentage of iGOT is based on the cohort intake in 2014 and who graduated in 2018 or earlier. <p>- Cohort intake in 2014 for Bachelor of Eng = 100 - Number of graduates for this cohort in 2017 = 2 - Number of graduates for this cohort in 2018 = 80 - Number of students who leave the programme (attrition) before 2018 = 5 Therefore, percentage of iGOT = $82/(100-5)*100 = 86\%$.</p>	90%	2.0
	OIA	PI007	Number of inbound students (minimum 1 day)	Inbound students with a MINIMUM 1-day International mobility programme, none credited or credited programmes. Virtual mobility with a MINIMUM 8 hours (continuously/ intermittently) with online communication can also be considered (exact number of day and time to be reported properly).	99	2.0
	OIA	PI008	Number of outbound students (minimum 1 day)	Outbound students with a MINIMUM 1-day International mobility programme, none credited or credited programmes. Virtual mobility with a MINIMUM 8 hours (continuously/ intermittently) with online communication can also be considered (exact number of day and time to be reported properly).	99	2.0
	OIA	PI009	Number of inbound students (2 weeks).	Number of undergraduate students attending UiTM on international mobility programmes for at least 2 weeks during the annual reporting period. Virtual mobility with a MINIMUM 28 hours (continuously/ intermittently) with online communication can also be considered (exact number of days/ hours to be reported properly).	47	3.0
	OIA	PI010	Number of outbound students (2 weeks).	Number of undergraduate students registered at UiTM who have attended another university abroad on international mobility programmes for at least 2 weeks during the annual reporting period. Virtual mobility with a MINIMUM 28 hours (continuously/ intermittently) with online communication can also be considered (exact number of days/ hours to be reported properly).	47	3.0
	UG	PI011	Number of inbound students (1 semester).	Number of undergraduate students attending UiTM on international exchange programmes for at least 1 semester completed during the annual reporting period.	21	3.0
	UG	PI012	Number of outbound students (1 semester).	Number of undergraduate students registered at UiTM who have attended another university abroad on international exchange programmes for at least 1 semester completed during the annual reporting period. Virtual exchange with a MINIMUM 1 semester with online communication can also be considered (credit status to be reported properly).	21	3.0

	iCEPS	PI013	Number of new Massive Open Online Course (MOOC).	Number of New MOOC published for the current year. MOOC are courses delivered online and accessible to all, typically comprise video lessons, readings, assessments and discussion forums.	6	1.5
	iCEPS	PI014	Number of new micro-credential modules offered.	Number of new micro-credentials modules offered both nationally and globally for the current year reported by PTJ to ICEPS.	1	1.5
	PPT	PI040	Number of student enrolment (international postgraduate students).	International postgraduate students enrolment for the current year including dual/ double degree programme.	450	1.0
	IPSiS	PI043	Number of student enrolment (national master students).	Number of student enrolment (national master students, postgraduate Diploma, postgraduate Certificate).	158	3.0
	IPSiS	PI044	Number of student enrolment (national PhD students).	Local PhD students enrolment for the current year.	87	3.0
	IPSiS	PI045	Number of student enrolment (international postgraduate students).	International postgraduate students enrolment for the current year including dual/ double degree programme.	5	4.0
	OIA & AJK PS HEA	PI081	Number of new MoU/ MoA with international universities.	Number of new MoU/ MoA with international universities. International universities or their offshore campuses around the world that are related to academic or research activities for the current year updated in NILAM by PTJ.	12	3.0
	OIA & AJK PS HEA	PI082	Number of MoU/ MoA with Top 300 QS World University Ranking (international universities).	Number of active MoU/ MoA with Top 300 QS World Ranking international universities updated in NILAM by PTJ.	5	3.0
	OIA & AJK PS HEA	PI083	Number of MoU/ MoA with Top 300 QS Ranked by Subject (International Universities).	Number of active MoU/ MoA with Top 300 QS World Ranking by Subject (International Universities) updated in NILAM by PTJ.	1	3.0

	OIA & AJK PS HEA	PI084	Number of international programmes/ activities for active MoU/ MoA for the current year	<p>Number of international programmes/ activities conducted physically or virtually between UiTM and with international universities for the current year and updated in NILAM by PTJ</p> <p>6 MoU/ MoA ACTIVITIES: <i>a) STAFF MOBILITY (INBOUND/ OUTBOUND)</i> Institutional exchanges between faculty and staff from each partner institution physically and virtually (Sabbatical, Post-Doctoral, External Examiner, Teaching, Invited Adjunct Academician, Co teaching, Professional Training, Industrial Attachment, Consultation, Research Attachment or other related activities). <i>b) STUDENT MOBILITY (INBOUND/ OUTBOUND)</i> Acceptance of undergraduate and graduate students of each partner institution for periods of study and/ or research either physically or virtually. (Practical Internship Training, Student exchange, Industrial Attachment, Summer programme, Customised programme, Research Attachment and related activities). <i>c) JOINT CONFERENCE/ JOINT ACTIVITIES</i> Organization physical or virtual of Webinar, symposia, conferences, and meetings on research academic issues (guest lecture, academic visits, entrepreneurial endowment project, expertise exchange and related activities). <i>d) STUDENT ACTIVITIES (INBOUND/ OUTBOUND)</i> Physical or virtual Student Activities (Embedded program, webinar, Visit, Competition, industrial development, CSR projects, work placement and related activities). <i>e) JOINT RESEARCH</i> Research activities involving researchers from UiTM and international university partners (Collaborative research, Research and Development projects, research publication, joint research grants and funding and related programmes. <i>f) ACADEMIC PROGRAM</i> Activities related to offering, dual degree/ joint degree/ double degree curriculum development with international partner universities at undergraduate and postgraduate levels (Dual Degree programme, Syllabus development).</p>	25	2.0
RESEARCH, PUBLICATION, INNOVATION & SOLICITUDE	PENERBITAN & PRISMA	PI049	Number of indexed publication: Conference proceedings in SCOPUS/WoS.	<p>Number of indexed proceedings (SCOPUS/WoS) as i) Corresponding Author which is also the Main or Senior Author OR ii) Corresponding Author OR iii) Sole Author from UiTM OR iv) First Author from UiTM</p>	228	4.0
	PENERBITAN & PRISMA	PI050	Number of indexed publication: Journal in SCOPUS/WoS/ERA.	<p>Number of indexed journal publications (SCOPUS/WoS/ERA) as i) Corresponding Author which is also the Main or Senior Author OR ii) Corresponding Author OR iii) Sole Author from UiTM OR iv) First Author from UiTM</p>	342	4.0

	PENERBITAN & PRISMA	PI051	Number of high impact publications.	Number of indexed journals published in Q1/Q2 based on Journal Citation Reports (JCR).	22	4.0
	ReNeU	PI052	Number of publication in QS subject ranking journal.	Number of indexed journals published in both Scopus and QS subject ranking journals.	61	4
	PENERBITAN & PRISMA	PI053	Number of indexed joint publication with National collaborators.	Total number of indexed joint publications (SCOPUS/WoS/ERA) at national level (university/agencies/research institutes).	58	4.0
	PENERBITAN & PRISMA	PI054	Number of indexed joint publication with Industry Collaborators.	Total number of indexed joint publications (SCOPUS/WoS/ERA) with industry at national level.	16	4.0
	PENERBITAN & PRISMA	PI055	Number of indexed joint publication with International Collaborators.	Total number of indexed joint publications (SCOPUS/WoS/ERA) with industry and university at international level.	41	4.0
	PENERBITAN & PRISMA	PI056	Number of indexed publication: Journal in MyCite.	Number of indexed journal publications (MyCite) as i) Corresponding Author which is also the Main or Senior Author OR ii) Corresponding Author OR iii) Sole Author from UiTM OR iv) First Author from UiTM	57	3.5
	PENERBITAN & PRISMA	PI057	Number of publication published by UiTM Press and other publishers.	Number of publication published by UiTM Press and recognized publishers, and registered in PRISMA in the year (including e-Book).	4	3.5
	RMU	PI061	Number of principal investigators (PI) for research grants: National funded.	PI is a leader of a national research grant (including university grant) registered with RMC. (The minimum grant received should be Non S&T: RM5000 and S&T: RM20000). National grants are provided by public agencies or ministries, e.g., MoE, MOSTI, MCMC. Sponsorship or scholarship is not counted as grant.	59	3.0
	RMU	PI062	Number of principal investigators (PI) for research grants: Industrial funded.	PI is a leader of a industrial grant registered with RMC. (The minimum grant received should be Non S&T: RM5000 and S&T: RM10000). Industry grants are provided by private agencies, business entities and non-governmental organizations. Sponsorship or scholarship is not counted as grant.	5	3.0
	RMU	PI063	Number of principal investigators (PI) for research grants: International funded.	PI is a leader of a international grant registered with RMC. (The minimum grant received should be Non S&T: RM5000 and S&T: RM10000). International grants are provided by international agencies within or outside Malaysia. Sponsorship or scholarship is not counted as grant.	10	4.0
	RMU	PI064	Total amount of research grants: National funded.	Total amount of national funded grant received and registered with Research Management Center (RMC) for the current year.	RM3,000,000	3.0

	RMU	PI065	Total amount of research grants: Industrial funded.	Total amount of industry funded grant received and registered with Research Management Center (RMC) for the current year.	RM300,000	3.0
	RMU	PI066	Total amount of research grants: International funded.	Total amount of international funded grant received and registered with Research Management Center (RMC) for the current year.	RM85,000	4.0
	ICAN	PI019	Number of alumni successfully became entrepreneurs.	Number of alumni (within 1 year from graduation year) who run and own a business (including online business). PTJ must report to SMART.	102	1.0
	ICAN	PI072	Number of new MoU and MoA with International Industries.	Number of new MoU/ MoA/LoA with international industries including companies, entities, agencies, organizations, community and NGOs.	9	3.0
	ICAN	PI073	Number of new MoA with local partners.	Total number of new MoAs signed and stamped including universities, companies, entities, agencies, organizations, community and NGOs.	1	2.0
	ICAN	PI074	Number of activities under MoA/ MoU with International Industries.	Total number of activities under MoA/ MoU with International Industries.	12	2.0
	ICAN	PI075	Number of University Social Responsibility programmes (USR).	USR is University Social Responsibility programme or activity to benefit external community or industry. Only programmes initiated and driven by university will be counted.	38	2.0
	ICAN	PI076	Number of Knowledge Transfer Programmes (KTP).	KTP is knowledge transfer programme which is derived from research project to benefit community or industry. KTP is a structured programme which has documented programs approval, objectives, methodology and financial arrangement. (Tier 4)	1	3.0
	ICAN	PI077	Total amount received (from external) for USR and KTP programmes.	Total amount received (from external) for USR and KTP programs (RM) (Glossary - • USR & KTP include scholarships and financial assistants given to own students.)	RM94,726	2.0
	ICAN	PI078	Total amount spent (from own funds) for USR and KTP programmes.	Total amount spent (from own funds) for USR and KTP programmes (RM) (Glossary - • The financial evidences has to be provided for USR/KTP purposes.)	RM9,473	2.0
	ICAN	PI079	Number of communities receiving/ benefiting from the knowledge/ technology diffusion projects.	Total number of communities receiving/ benefiting from the Knowledge/ Technology Diffusion Projects. (Tier 4)	2	2.0
	ICAN	PI080	Number of alumni expert service programme.	Number of programmes/ projects/ initiatives (including online programmes/ projects/ initiatives) which translate into transfer of high impact skills and knowledge by alumni.	7	1.0
	ReNeU	PI123	Number of staff with ten new citations.	Number of staff with ten citations for the current year. However, only citations made by non-UiTM and international authors are counted.	163	4

NATURING TALENT & PROFESSIONALISME VIA VOLUNTEERISM & ENTREPRENEURSHIP	AJK PS HEP	PI027	Number of new SULAM's programmes with industry involvement in relation to service learning activities.	Number of new SULAM's programme with industry involvement in students' activities related to credited courses in relation to service-learning activities which is an educational approach that combines learning objectives with community service in order to provide a pragmatic, progressive learning experience while meeting societal needs. Project with sustainability element will be reported to UI GreenMetric ranking. PTJ must report to HEP's system.	1	2.0
	AJK PS HEP	PI028	Number of volunteerism programmes.	Number of student volunteerism program (national and international) that are funded by national, international and industry grants. All the grants must be registered with RMC for the current year. The activities can be conducted either physical or online mode. PTJ must report all activities to HEP's system.	1	3.0
	AJK PS HEP	PI029	Number of leadership programmes.	Number of leadership programmes organised by Institut Kepimpinan Pelajar, all faculties, colleges, and campuses for the current year. PTJ must report to HEP's system.	3	1.0
	AJK PS HEP	PI030	Number of companies involved in career activities.	Number of companies (GLC/ SME/ MNC/ Startups) involved in career activities (physically or virtually) organised by PKK/ faculty/ campus. PTJ must report to HEP's system.	17	2.0
	AJK PS HEP	PI031	Number of international communication skill related programmes.	Number of students' development programmes that improve their communication skills internationally for the current year. PTJ must report to HEP's system.	2	2.0
	AJK PS HEP	PI032	Number of students participated in international programme organised by partner university / industry/ institution.	Number of students participated in international programme organised by partner university/ industry/ institution approved by Student Affairs Division or other departments, through physical or virtual programmes. PTJ must report to HEP's system.	114	2.0
	AJK PS HEP	PI033	Numbers of students involved in the e-sport industry.	The number of students involved as players, streamers, event managers, casters and others at local and international esports /virtual sports programmes. PTJ must report to HEP's system.	120	1.5
	AJK PS HEP	PI034	Number of value-added programmes with certification by an authorised organisation organised by residential colleges.	Number of value-added programmes with certification by an authorised organisation (UiTM and others) organised by residential colleges, conducted physically or virtually to increase number of recognized certification for the value-added skills obtained. PTJ must report to HEP's system.	3	1.0
	AJK PS HEP	PI036	Number of student involved in creative industry programmes.	Number of students involve through physically or virtually in creative industry programmes organised or invited by local/ international company or agency. PTJ must report to HEP's system.	20	1.5
	AJK PS HEP	PI037	Number of students involved in invention and innovation activities.	Number of students involved in any forms of invention and innovation programmes that incorporates educational elements in student activities. PTJ must report to HEP's system.	179	1.5
AJK PS HEP	PI038	Number of programme/module related to patriotism & ESI-IDART initiatives.	Number of programme organised by Student Affairs Division to foster sense of the patriotism & instill the ESI-IDART values in UiTM students locally and internationally. The programme can be conducted both physically or online. PTJ must report to HEP's system.	8	1.0	

	AJK PS HEP	PI039	Number of programme related to emotional well-being.	Number of emotional well-being programmes conducted for students physically or virtually and act as a mean for creating awareness and prevention mode. PTJ must report to HEP's system.	6	1.0
LEARN AND EARN	MASMED	PI021	Number of IPT student entrepreneurs conducting business on campus during their study period.	<p>Full-time IPT students, Malaysian citizens who engage in entrepreneurial/ business activities while studying (excluding postgraduate).</p> <p>Note:</p> <ul style="list-style-type: none"> ▪Number of full-time students includes students enrolled in compulsory service courses such as medicine, defence, pharmacy, teaching etc. ▪ Businesses are not necessarily registered with the Companies Commission of Malaysia (but have proof of business registration with the IPT Entrepreneurship Center). ▪ The calculation is on an annual basis. <p>(Data source is from the IPT Entrepreneurship Center or official reporting conducted by the respective IPT).</p>	417	2.0
	MASMED	PI022	Number of companies, enterprises or business projects funded by start-up investors, venture investors, public funding entities, government agency grants and entrepreneurship-related pitching competition prizes.	<p>Student companies, enterprises or business projects receive funding in product development, incubators, marketing, start-up capitalists and venture capitalists.</p> <p>Note:</p> <ul style="list-style-type: none"> ▪Calculations are on an annual basis. ▪Involves funding from initial capitalists (angel investors), venture capitalists (venture investors), public funding, government agency grants, loan financing, pitching competition prizes related to entrepreneurship to entities, student entrepreneurial activities or university entrepreneurship funds. 	2	2.0
	MASMED	PI023	Number of collaboration with agencies, industry, NGOs, IPT (local and international).	<p>Collaboration:</p> <p>Collaboration entails conducting research and entrepreneurship education, obtaining solemn advice, training and guidance on entrepreneurship such as product development, incubators, logistics marketing, training of relevant entrepreneurs and other entrepreneurial activities.</p>	2	2.5
	MASMED	PI024	Number of educators with entrepreneurial expertise.	<p>Educators with Entrepreneurial Expertise IPT Academic and non-academic staff (Malaysian citizen) who meet the following criteria:</p> <p>1. Certification of Recognition</p> <ul style="list-style-type: none"> i) Have an academic or professional qualification (specialized skills) in a field related to entrepreneurship/ business management/ trade or; ii) Obtained recognition/ professional certification of entrepreneurship/ business from national or international accredited institutions or agencies recognized by the government or; iii) Has undergone entrepreneurship training recognized by the IPTA Entrepreneurship Center or; iv) Has undergone an attachment or cross-placement program in the industry/ SME for more than two (2) months. <p>2. Contributions:</p> <ul style="list-style-type: none"> i) Assisting or becoming advisors and mentors to student business and entrepreneurship projects or; ii) Assisting or becoming advisors and mentors to SME/ community businesses or; iii) Teaching entrepreneurship courses <p>* (i or ii or iii receive the acknowledgement of the respective Entrepreneurship Center).</p> <p>Notes: The calculations are cumulative.</p>	80	2.5

	MASMED	PI025	Number of digitally driven innovation and technology -based student start-up companies.	<p>Student Start-up Companies Based on Innovation and Digitally Driven Technology</p> <ul style="list-style-type: none"> ▪Student Start-up: Companies and Enterprise by Student or Student Projects implemented based on innovation and entrepreneurship technology. Start-up companies and student projects are registered at the IPT Entrepreneurship Center. Student Projects that can be developed into start-up companies must be guided and supervised by the IPT Entrepreneurship Center. ▪Innovation: Creative methods to produce products and services in a better way (Kinichi William, 2003). It involves 4 stages of innovation: New (Noble), Development (extension), Duplication and Synthesis in the following aspects of Product/ Service, Process, Organization/ Management, and Marketing. ▪Technology: Application and development of technological elements from the point of view of business management (administrative), production and manufacturing of manufacturing products/ services and products/ services. Examples of the office management system, product design, web/ mobile application such as Grab application. ▪Digitally driven: Digital literacy, fostering customer development relationships and digital ecosystems (Ramdan et al., Journal Pengurusan Vol 59 2020). Thus, digital racing is considered a norm in the Student Company Association or Student Projects carried out based on technology, innovation, and entrepreneurship. <p>Note: Digitization is taken into account from the transition of the conventional business to digital applications while existing digital businesses are developing more sustainable digital applications.</p>	7	2.0
	MASMED	PI026	The number of students involved in IPT's Innovation and Technology-based programmes.	<p>Students Involved in IPT's Innovation and Technology-based programmes:</p> <ol style="list-style-type: none"> i) The number of Malaysian IPT students (excluding postgraduate students) who participated in IPT activities/ programmes based on innovation and technology. ii) The programme must consider the direction of IPT students' formation in developing products or services based on technology and innovation. <p>Note: The calculations are done on a yearly basis. It includes the number of students participating in technology and innovation-based programmes, such as exhibitions or showcases of technology innovation pitching competitions, product commercialization programmes, or student activities related to the IPT niche field, including student's final year projects.</p> <p>Specific examples are programs that shape students with website animation graphic design skills, digital marketing consulting, teaching tool innovation and similar to those. It also includes an engineering or real estate consultant towards professional recognition.</p>	109	2.0