



Integrated Cumulative Grade Point Average

i C G P A

Purata Nilai Gred Kumulatif Bersepadu



The Challenges



YB Datuk Mary Yap Kain Ching
Deputy Minister of Higher Education

"The purpose of iCGPA reporting is to assist in identifying the strength of students as well as improvement needed by them. It would also assist potential employers in determining the suitability of graduates in meeting employment requirements."

"We always hear comments wanting graduates who are holistic, have entrepreneurial characteristics and well balanced. This is what we hope to create through iCGPA,"



YB Dato' Seri Idris Jusoh
Minister of Higher Education



YBhg Dato' Seri Ir. Dr. Zaini Ujang
Secretary General of Higher Education



YBhg Dato' Prof. Dr. Asma Ismail
Director General of Higher Education

"Using iCGPA, some first-year students at five public universities will be a part of the new iCGPA pilot programme where they will graduate with a complete "report card", detailing not just their subjects and performance but the skills that they have picked up along the way."

"Besides the subjects taken and results achieved, the students' final reports will also show whether a student is holistic. Through the spider web, we will be able to clearly see the areas which a student has excelled in."

Malaysia Education Blueprint 2015-2025 (Higher Education)

◆ The 10 Shifts



This Shift aims to develop holistic, entrepreneurial, and balanced graduates in line with the National Education Philosophy. Such graduates would have relevant disciplinary knowledge and skills (*ilmu*), ethics and morality (*akhlak*), along with the appropriate mindsets, behaviors, cultural and civilisational literacy (*beradab*) to advance them to a high level of personal well-being, and enable them to contribute to the harmony and betterment of the family, society, nation, and global community.







These qualities are reflected by six primary attributes: ethics and spirituality, leadership skills, national identity, language proficiency, thinking skills, and knowledge. The development of students' and graduates' attributes within the six domains is a continuum of their educational process starting from their basic education.

iCGPA: Integrated Assessment and Reporting Mechanism on Student's Performance

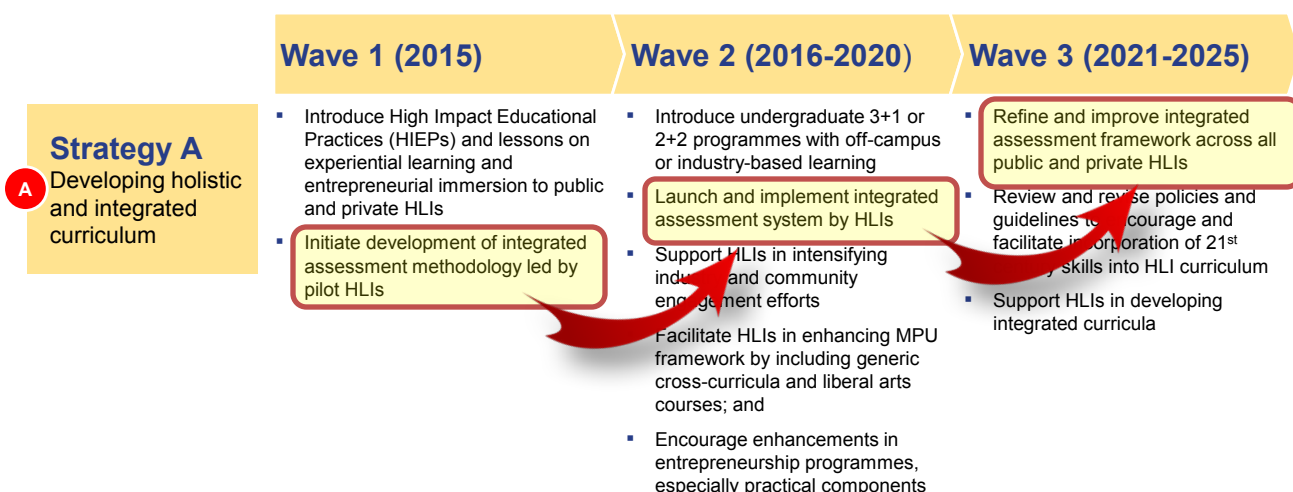
iCGPA is an integrated mechanism for assessing and reporting of students' development and performance as well as learning gains of their ethics, knowledge and abilities. The reporting illustrates attainment of attributes outlined in the six student aspirations stipulated in the MEB (HE) as well as the eight domains of learning outcomes listed in the Malaysian Qualifications Framework. It is an integrated assessment mechanism that is aimed to assist various stakeholders in making decisions or planning for improvement. The purpose of this mechanism is to drive development and alignment in curriculum design, delivery and assessment at programme level and at course level focussing on student's learning experience towards development of a holistic and balanced human being.



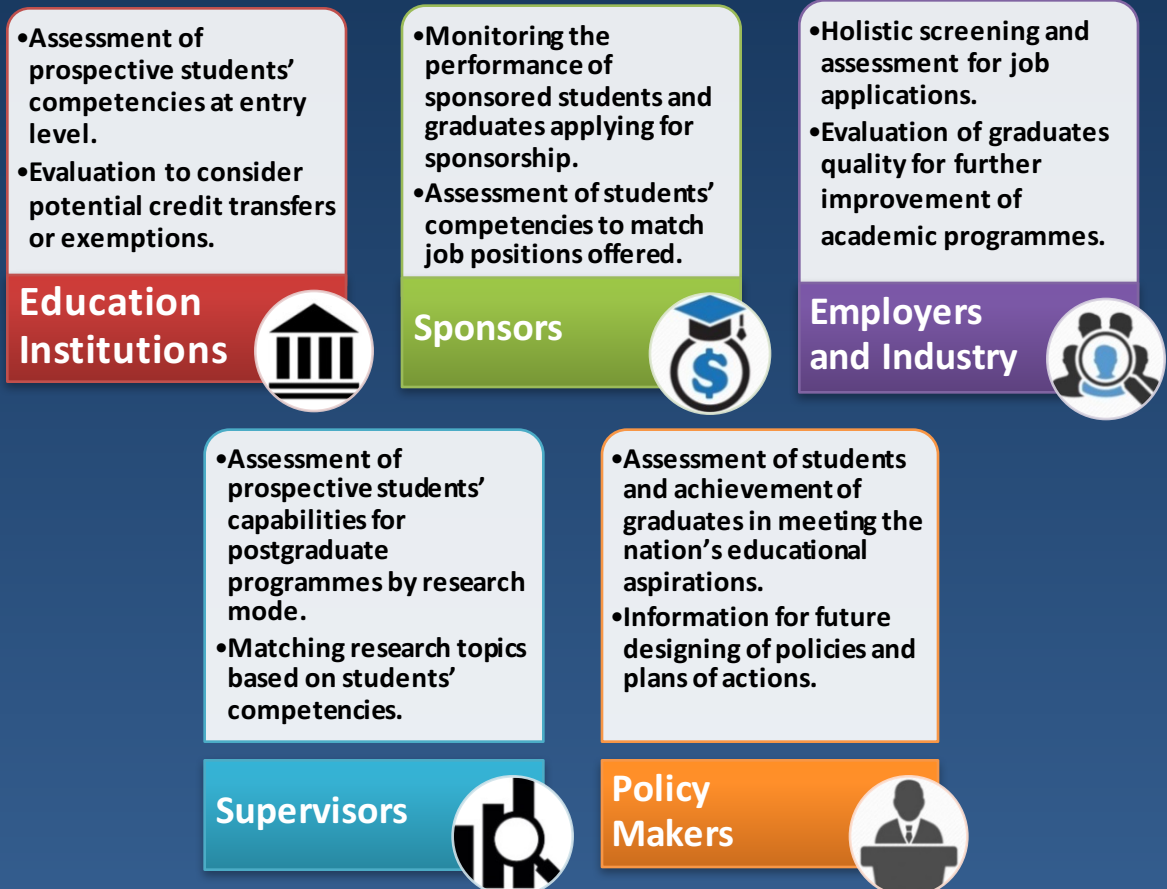
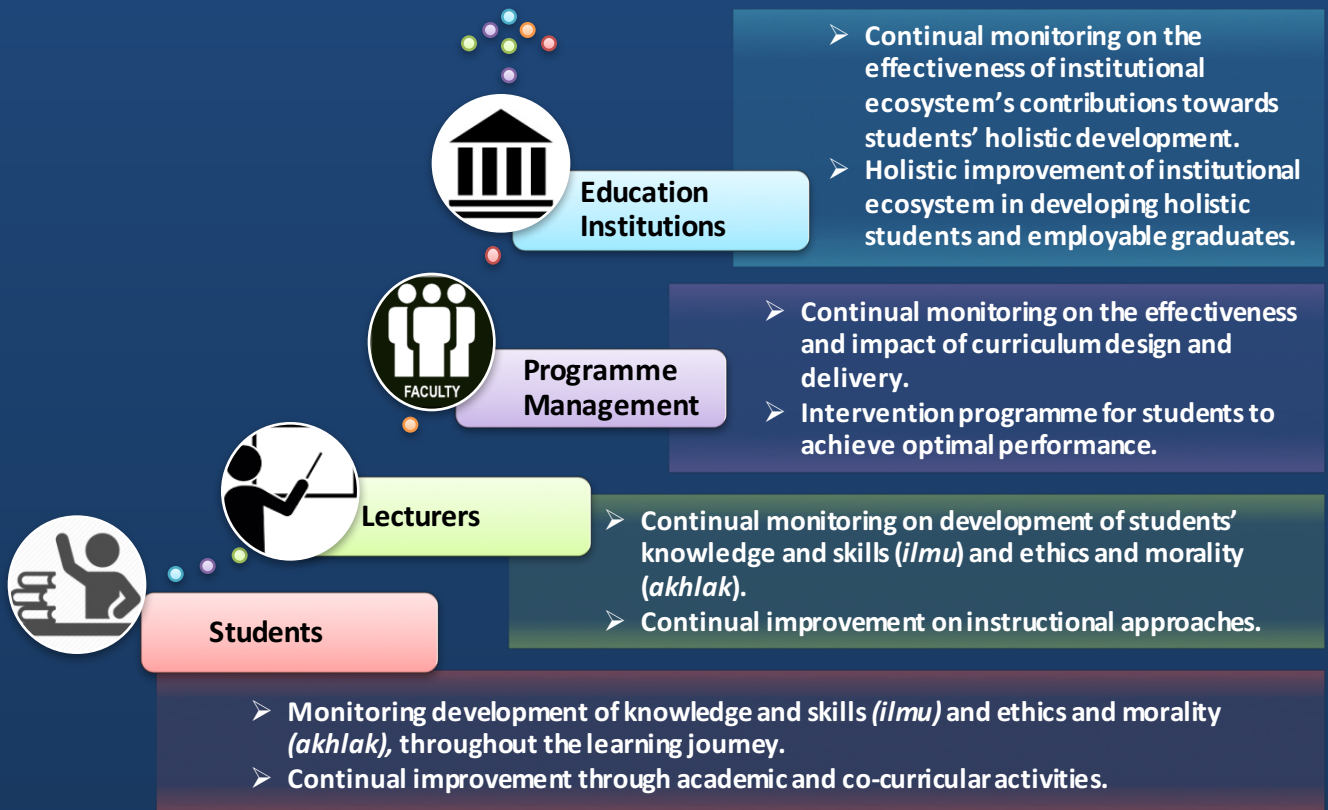
Student and graduate attributes

	 Ethics & Spirituality	 Leadership Skills	 National Identity	 Language Proficiency	 Thinking Skills	 Knowledge
Higher Education	Ethically and morally upright, spiritually grounded, compassionate and caring; appreciates sustainable development and a healthy lifestyle.	Is an effective communicator, emotionally intelligent and able to work across cultures; is socially responsible, competitive, resilient, and confident.	Has pride in Malaysia and an understanding of Malaysia in relation to the world.	Proficient in <i>Bahasa Melayu</i> and English, and encouraged to learn one additional global language.	Appreciates diverse views, is able to think critically and be innovative, has problem solving initiative, and an entrepreneurial mindset.	Has mastery of own disciplines, is able to harness, connect and apply knowledge learnt, and has an appreciation of culture, arts and Science, Technology, Engineering and Mathematics (STEM).
Preschool To Post-Secondary Education	Possesses solid moral foundation and courage to make right decisions.	Has strong communication skills, is entrepreneurial, resilient, can lead and work in teams.	Proudly identifies as Malaysian and embraces diversity.	Operationally proficient in at least <i>Bahasa Melayu</i> and English.	Is inquisitive and innovative, can apply and create knowledge and connect to provide solutions.	Has mastery of core subjects and general knowledge about the world.
	AKHLAK (Ethics and Morality)			ILMU (Knowledge and Skills)		
	BALANCE					

Initiative Implementation Roadmap



Who Should Benefit from iCGPA?



Spider Web of Student's Achievement for Report on Competency Development

STATEMENT OF STUDENT ASSESSMENT RESULTS

Note: 1. The student assessment results are governed by the approval from the Senate.
2. In the event of any amendments made to this statement, the Dean's office has to be noticed within fifteen (15) days after release of the student assessment results.

Name: ARIF DANIAL SHUKRAN
Student Number: A123456
Identity Card Number: 950101-10-3455
Academic Year: 2015/2016

Faculty: FACULTY OF INFORMATION TECHNOLOGY
Programme: BACHELOR OF COMPUTER SCIENCE (HONS.)
Semester: 1

NO.	CODE	NAME OF COURSE	CREDIT	GRADE*	GRADE POINT	RESULTS
1	LMA2173	ETHNIC RELATIONS	3	B	3.00	PASS
2	LMB1022	WORKPLACE COMMUNICATION	2	B-	2.67	PASS
3	LMC1621	CO-CURRICULUM 1	1	C+	2.33	PASS
4	LMC2811	CO-CURRICULUM 2	1	B-	2.67	PASS
5	LMD2253	EMOTION MANAGEMENT	3	B	3.00	PASS
6	TTU2983	ADVANCED DATABASES	3	B+	3.33	PASS
7	TTK2933	OBJECT-ORIENTED PROGRAMMING	3	A-	3.67	PASS
8	TTC2013	HUMAN AND MACHINE RELATIONS	3	B	3.00	PASS

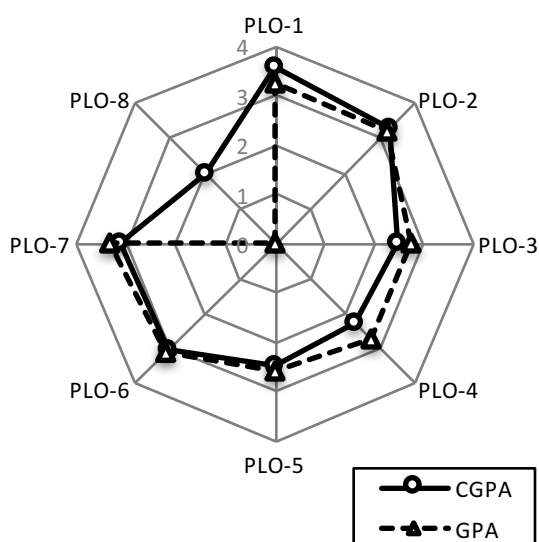
	TOTAL GRADE POINT	TOTAL CREDIT
CURRENT SEMESTER	58.34	19
SEMESTER IN TOTAL	189.70	58
STUDENT ASSESSMENT RESULTS	PASS	

OVERALL			PLO-1	PLO-2	PLO-3	PLO-4	PLO-5	PLO-6	PLO-7	PLO-8
iGPA	3.07	GPA	3.25	3.24	2.77	2.73	2.57	3.14	3.33	-
iCGPA	3.11	CGPA	3.57	3.30	2.48	2.31	2.45	3.04	3.13	2.00

PROGRAMME LEARNING OUTCOMES (PLO) MQF LOD*

PLO-1	Apply fundamental knowledge based on facts, concepts, principles and theories related to Computer Science.	MQF1
PLO-2	Demonstrate psychomotor and practical skills in solving Computer Science problems.	MQF2
PLO-3	Demonstrate interpersonal skills and social responsibility in applying principles and theories depending on situations.	MQF3
PLO-4	Demonstrate ethics and professionalism in practice that requires compliance to ethics principle and legal aspects.	MQF4
PLO-5	Demonstrate ability to communicate effective and leadership skill among co-workers, clients, employers and general public.	MQF5
PLO-6	Demonstrate analytical and critical thinking skills and use appropriate techniques in solving Computer Science problems.	MQF6
PLO-7	Possess awareness on the importance of lifelong learning and information management skills for academic and career development.	MQF7
PLO-8	Demonstrate management skills and entrepreneurial characteristics in broad perspectives within real business environment.	MQF8

STUDENT'S PLO ATTAINMENT



*Malaysian Qualifications Framework Learning Outcome Domains (MQF, clause 15, page 4)

Six Steps for Generation of an iCGPA Spider Web

1

Outcome Based Curriculum

- A curriculum comprising of programme learning outcomes and course learning outcomes mapped clearly in a curriculum plan/matrix.

2

Course Assessment Plan

- Development of a course assessment plan that conforms to constructive alignment.

3

Appropriate Assessment Methods

- Measurement of attainment of course learning outcomes using appropriate assessment attributes and rubrics.

4

Grades for Course Learning Outcomes

- Grades are derived from the calculation of assessment marks, assessment weightage and the course credit unit.

5

Grade Point Averages for Programme Learning Outcomes

- Accumulation of grade points for course learning outcomes based on dimensions of programme learning outcomes or the MQF domains.

6

Spider Web for Grade Point Averages of Learning Outcomes

- Generation of spider web for a specific semester based on grade point averages and the cumulative values according to programme learning outcomes or the MQF domain.

For further information, please contact:

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