Assessing Sustainability Literacy

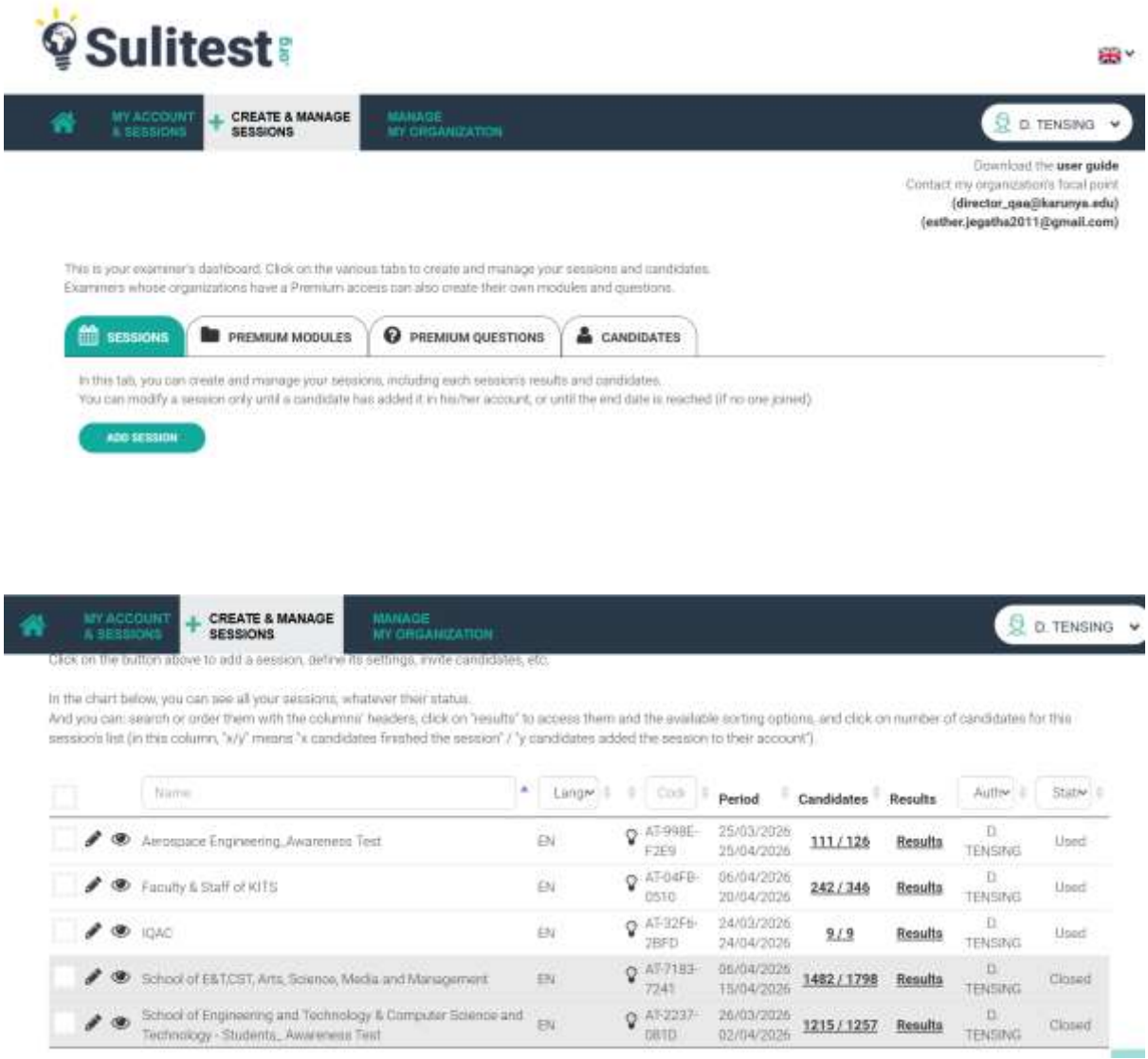
The Sulitest (Sustainability Literacy Test)**,** introduced in 2014, is a globally recognized tool used to assess awareness and understanding of sustainability concepts across environmental, social, and economic dimensions. Aligned with the United Nations Sustainable Development Goals (SDGs), it serves as a benchmark for evaluating sustainability literacy among academic communities worldwide.

At Karunya Institute of Technology and Sciences, students, staff and faculty actively participated in the Sulitest as part of the Institution's sustainability awareness initiatives. Their participation in this internationally standardized assessment helped in evaluating and measuring their level of sustainability knowledge and awareness**.**

By engaging students, staff and faculty members, Karunya ensures a comprehensive understanding of sustainability practices within the campus community. The results of this awareness test provide valuable insights into knowledge gaps and strengths, enabling the Institution to further strengthen its sustainability education and initiatives.

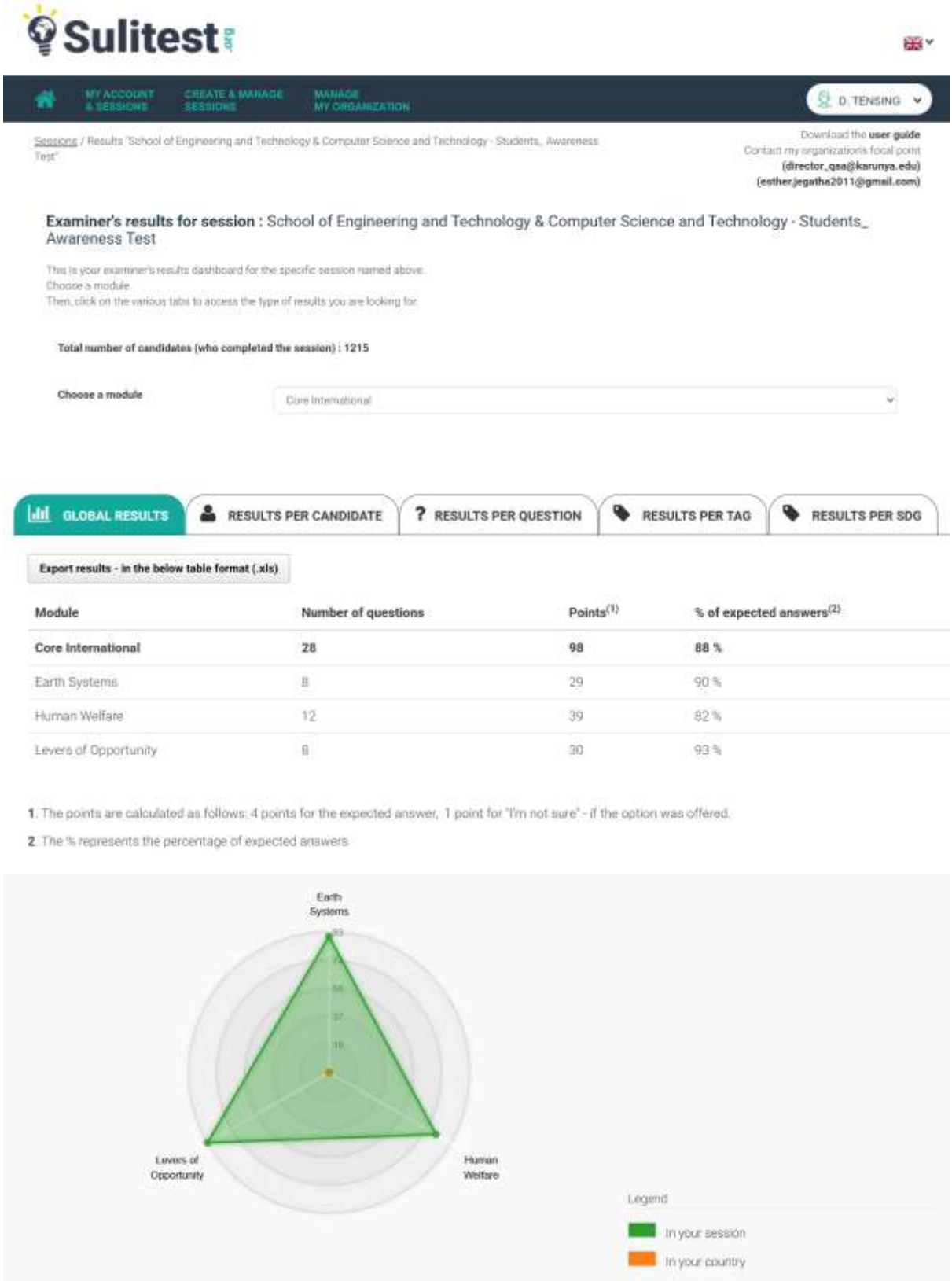
The following screenshots are taken from the Sulitest portal, showcasing the assessment conducted for both students and staff members.

Overall Session Created Page

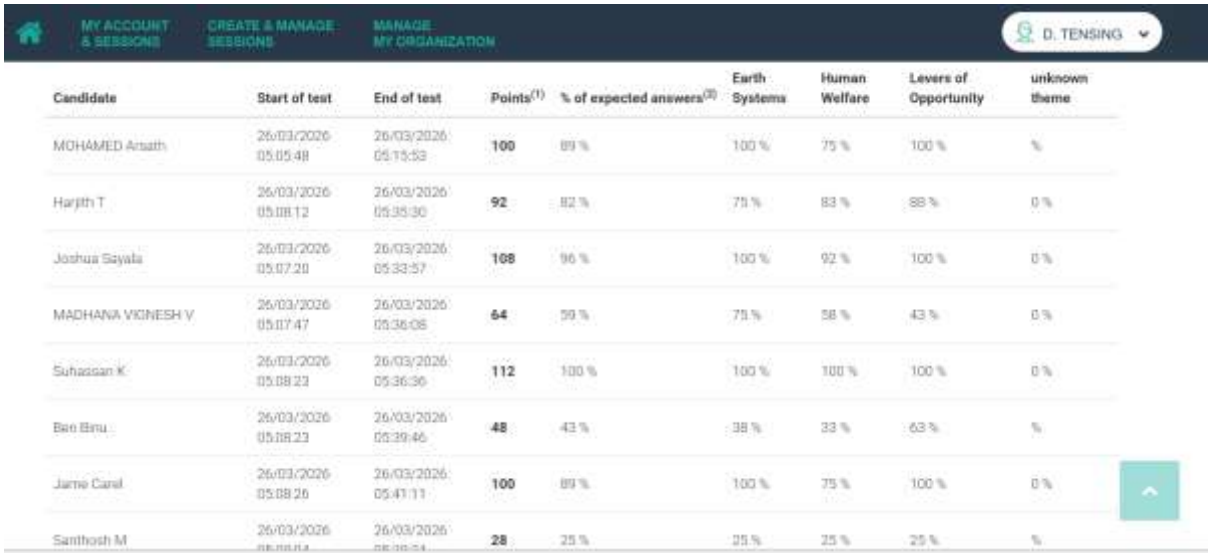


Result Page from Sulitest

School of Engineering and Technology & Computer Science and Engineering

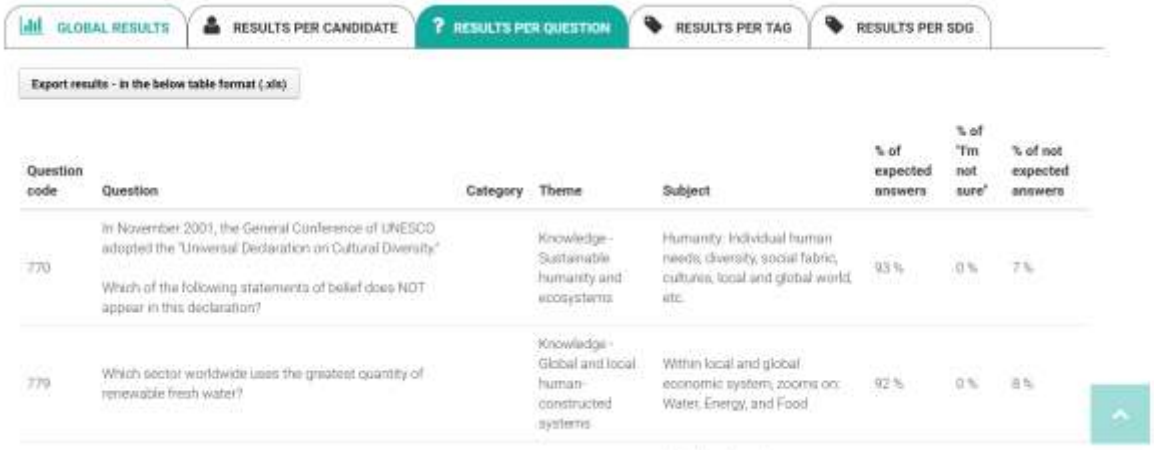


Results per Candidate



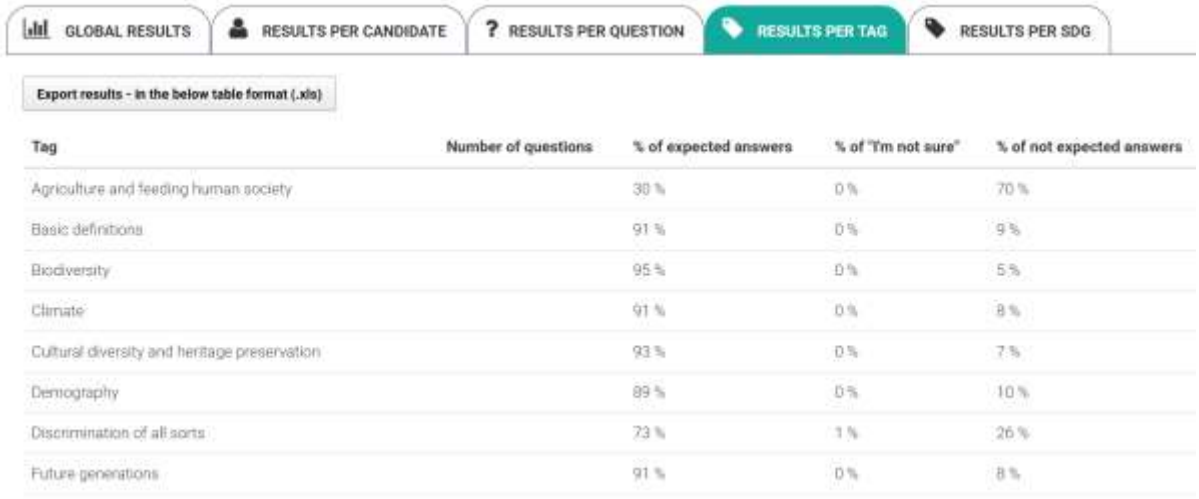
Candidate	Start of test	End of test	Points(1)	% of expected answers(2)	Earth Systems	Human Welfare	Levers of Opportunity	unknown theme
MOHAMED Ansath	26/03/2026 05:05:48	26/03/2026 05:15:53	100	89 %	100 %	75 %	100 %	%
Harjith T	26/03/2026 05:08:12	26/03/2026 05:35:30	92	82 %	75 %	83 %	88 %	0 %
Joshua Sayala	26/03/2026 05:07:20	26/03/2026 05:33:57	108	96 %	100 %	92 %	100 %	0 %
MADHANA VIKINESH V	26/03/2026 05:07:47	26/03/2026 05:36:08	64	59 %	75 %	58 %	43 %	0 %
Suhassan K	26/03/2026 05:08:23	26/03/2026 05:36:36	112	100 %	100 %	100 %	100 %	0 %
Bao Binu	26/03/2026 05:08:23	26/03/2026 05:39:46	48	43 %	38 %	33 %	63 %	%
Jamie Carel	26/03/2026 05:08:26	26/03/2026 05:41:11	100	89 %	100 %	75 %	100 %	0 %
Santhosh M	26/03/2026	26/03/2026	28	25 %	25 %	25 %	25 %	%

Results per Question



Question code	Question	Category	Theme	Subject	% of expected answers	% of 'I'm not sure'	% of not expected answers
770	In November 2001, the General Conference of UNESCO adopted the "Universal Declaration on Cultural Diversity." Which of the following statements of belief does NOT appear in this declaration?		Knowledge - Sustainable humanity and ecosystems	Humanity: Individual human needs, diversity, social fabric, cultures, local and global world, etc.	93 %	0 %	7 %
779	Which sector worldwide uses the greatest quantity of renewable fresh water?		Knowledge - Global and local human-constructed systems	Within local and global economic system, zooms on: Water, Energy, and Food	92 %	0 %	8 %

Results per Tag



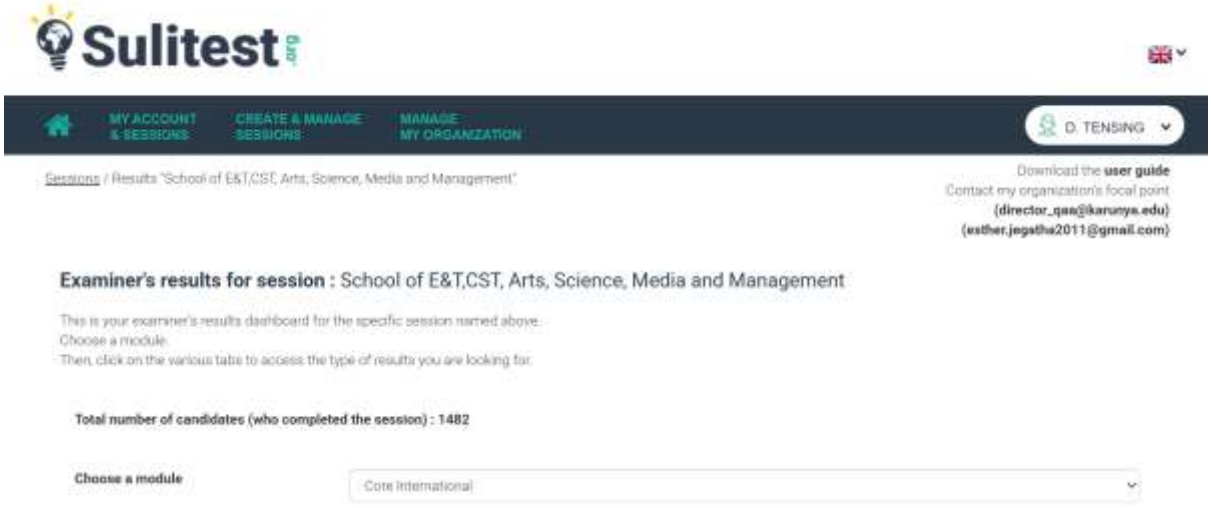
Tag	Number of questions	% of expected answers	% of "I'm not sure"	% of not expected answers
Agriculture and feeding human society		30 %	0 %	70 %
Basic definitions		91 %	0 %	9 %
Biodiversity		95 %	0 %	5 %
Climate		91 %	0 %	8 %
Cultural diversity and heritage preservation		93 %	0 %	7 %
Demography		89 %	0 %	10 %
Discrimination of all sorts		73 %	1 %	26 %
Future generations		91 %	0 %	8 %

Results per SDG



Tag	% of expected answers	% of "I'm not sure"	% of not expected answers
SDG01 - No Poverty	89 %	0 %	10 %
SDG02 - Zero Hunger	87 %	0 %	13 %
SDG03 - Good Health and Well-Being	90 %	0 %	10 %
SDG04 - Quality Education	91 %	0 %	9 %
SDG05 - Gender Equality	76 %	0 %	23 %
SDG06 - Clean Water and Sanitation	70 %	0 %	30 %
SDG08 - Decent Work and Economic Growth	92 %	0 %	7 %
SDG09 - Industry, Innovation and Infrastructure	96 %	0 %	3 %
SDG10 - Reduced Inequality	82 %	0 %	18 %

School of E & T, CST, Arts, Media and Management



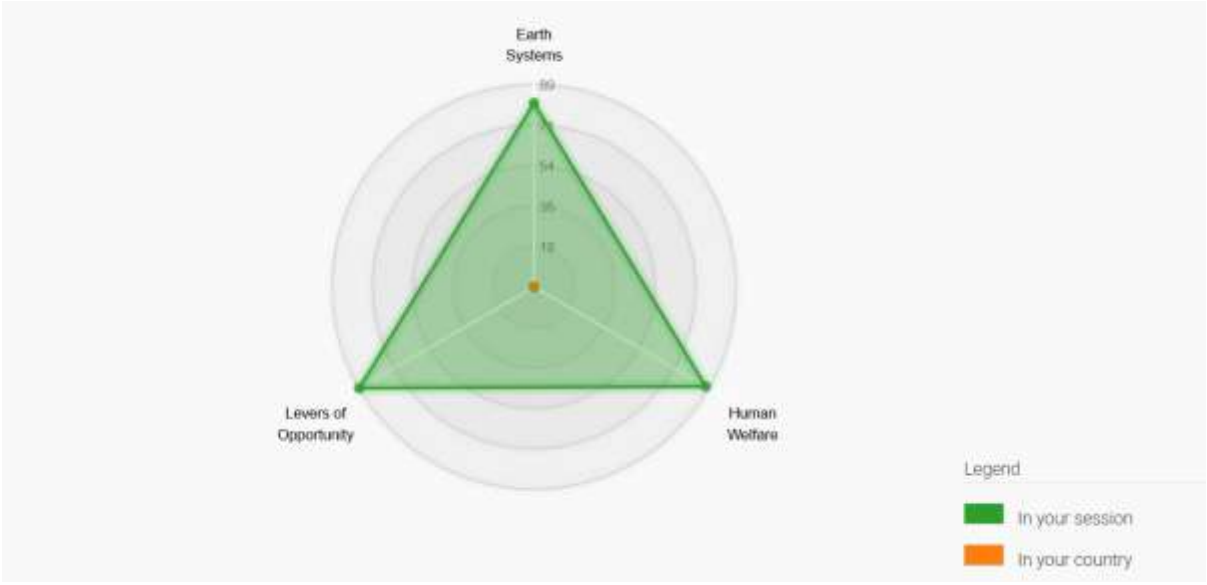
GLOBAL RESULTS | RESULTS PER CANDIDATE | RESULTS PER QUESTION | RESULTS PER TAG | RESULTS PER SDG

Export results - in the below table format (.xls)

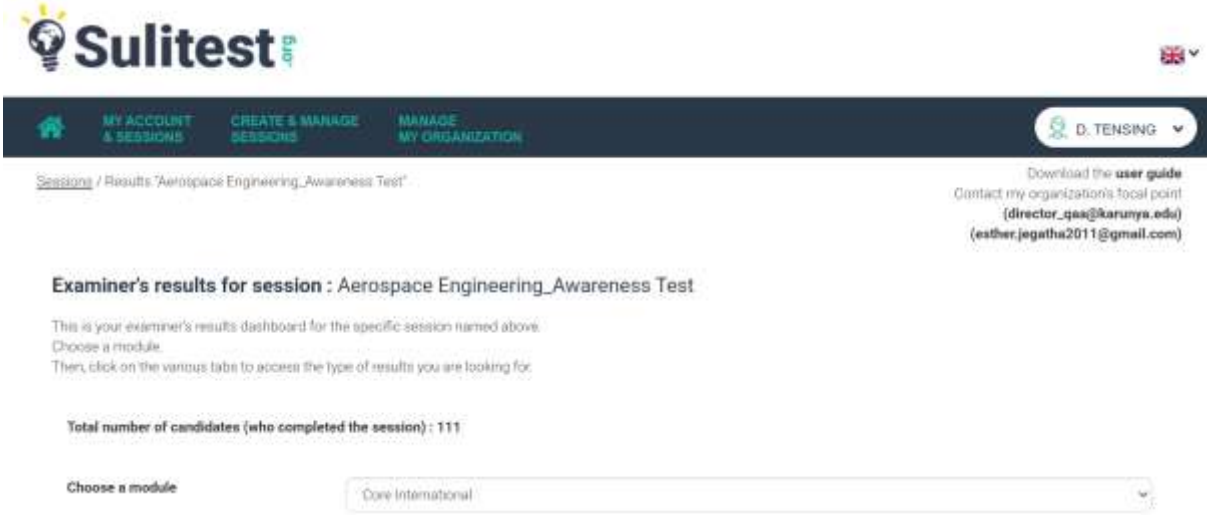
Module	Number of questions	Points[1]	% of expected answers[2]
Core International	**28**	**96**	**86 %**
Earth Systems	8	26	81 %
Human Welfare	12	42	88 %
Levers of Opportunity	8	28	89 %

1. The points are calculated as follows: 4 points for the expected answer, 1 point for "I'm not sure" - if the option was offered.

2. The % represents the percentage of expected answers



Aerospace Engineering Test Results



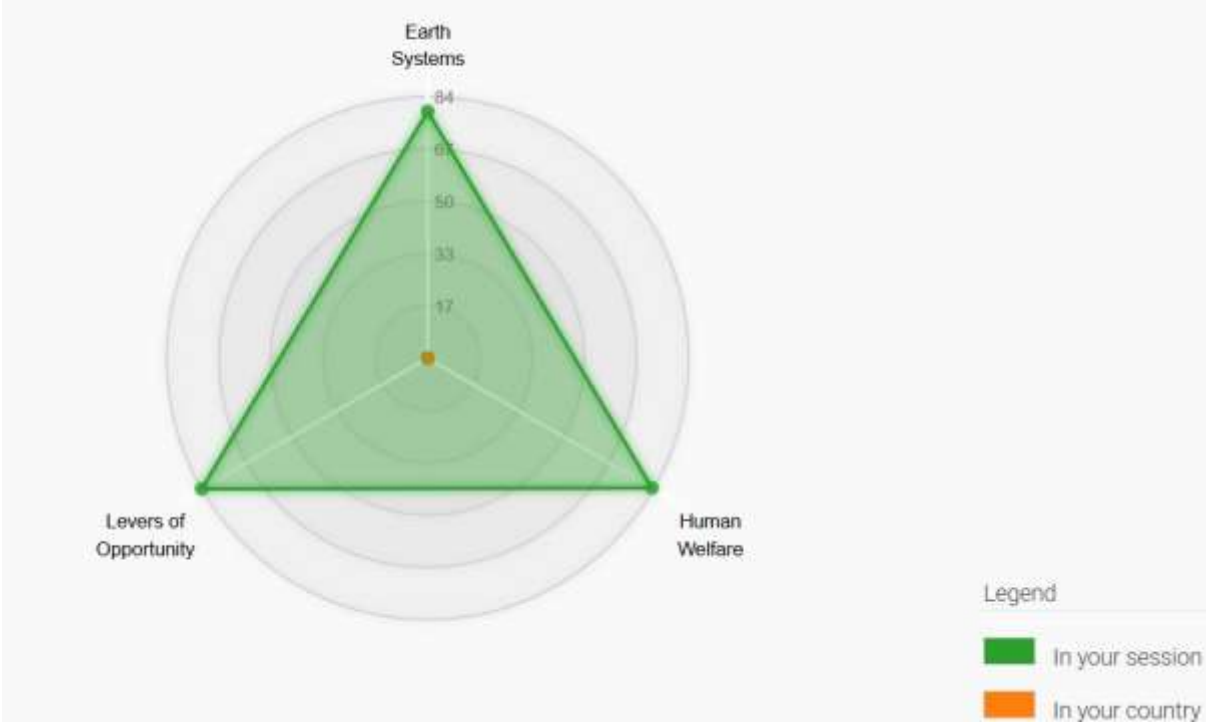
GLOBAL RESULTS | RESULTS PER CANDIDATE | RESULTS PER QUESTION | RESULTS PER TAG | RESULTS PER SDG

Export results - in the below table format (.xls)

Module	Number of questions	Points[1]	% of expected answers[2]
Core International	**28**	**92**	**82 %**
Earth Systems	8	25	79 %
Human Welfare	12	40	83 %
Levers of Opportunity	8	27	84 %

1. The points are calculated as follows: 4 points for the expected answer, 1 point for "I'm not sure" - if the option was offered.

2. The % represents the percentage of expected answers



IQAC Faculty Members Test Results

Sulitest.org

MY ACCOUNT & SESSIONS | CREATE & MANAGE SESSIONS | MANAGE MY ORGANIZATION | D. TENSING

Sessions / Results "IQAC"

Download the **user guide**
Contact my organization's focal point
(director_qaa@karunya.edu)
(esther.jegatha2011@gmail.com)

Examiner's results for session : IQAC

This is your examiner's results dashboard for the specific session named above.
Choose a module.
Then, click on the various tabs to access the type of results you are looking for.

Total number of candidates (who completed the session) : 9

Choose a module Core International

GLOBAL RESULTS | RESULTS PER CANDIDATE | RESULTS PER QUESTION | RESULTS PER TAG | RESULTS PER SDG

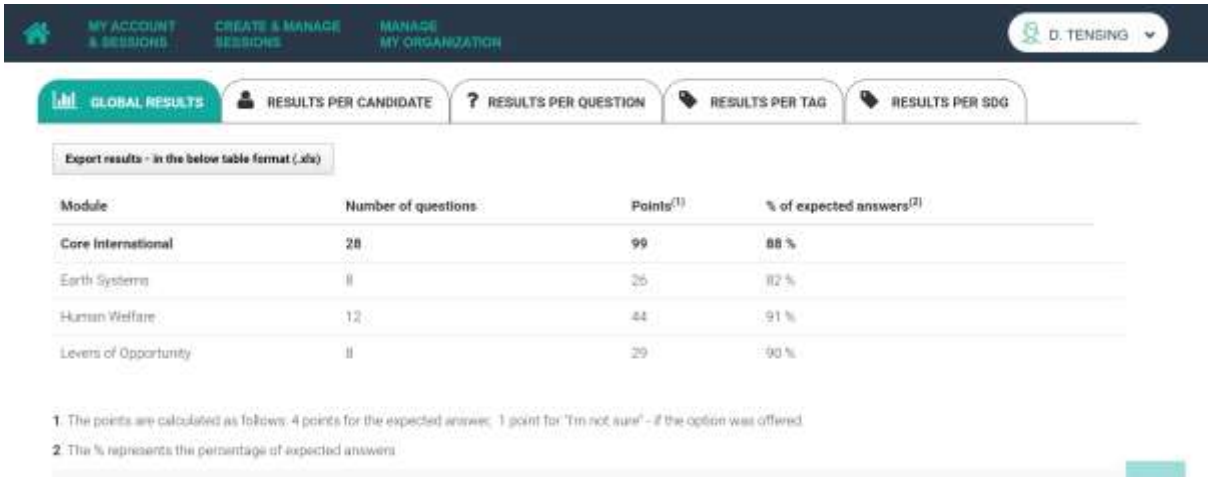
Export results - in the below table format (.xls)

Module	Number of questions	Points[1]	% of expected answers[2]
Core International	**28**	**106**	**95 %**
Earth Systems	8	29	90 %
Human Welfare	12	48	99 %
Levers of Opportunity	8	30	93 %

1. The points are calculated as follows: 4 points for the expected answer, 1 point for "I'm not sure" - if the option was offered.
2. The % represents the percentage of expected answers

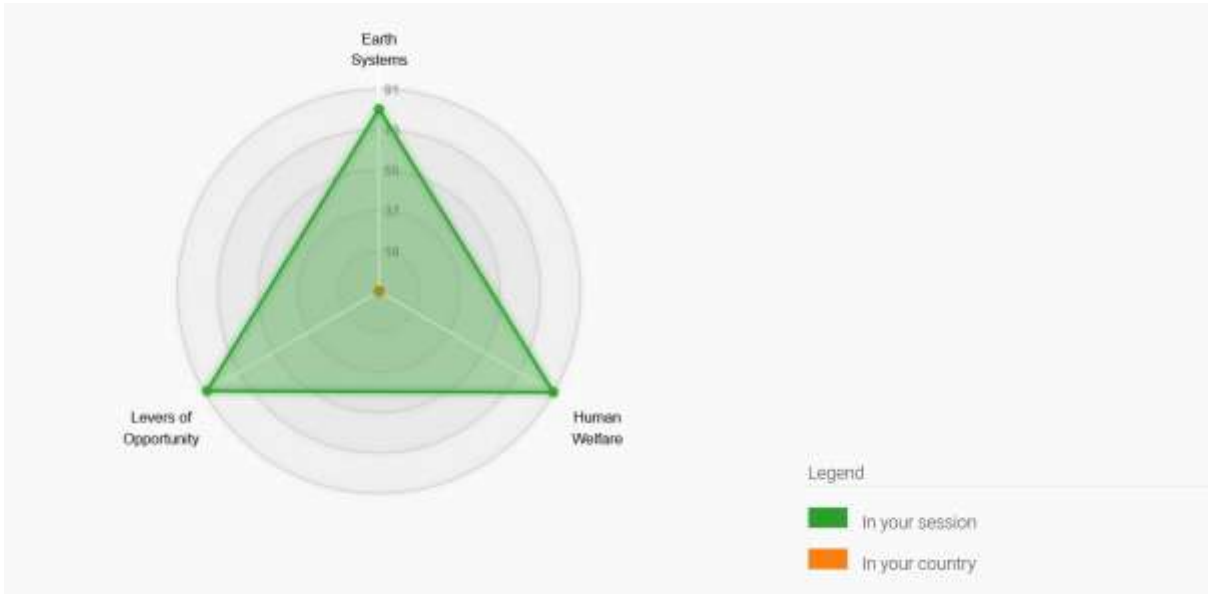


KITS Faculty & Staff



Module	Number of questions	Points[1]	% of expected answers[2]
Core International	**28**	**99**	**88 %**
Earth Systems	8	26	82 %
Human Welfare	12	44	91 %
Levers of Opportunity	8	29	90 %

1. The points are calculated as follows: 4 points for the expected answer, 1 point for "I'm not sure" - if the option was offered
2. The % represents the percentage of expected answers



The Institutional performance in the Sustainability Awareness Test reflects a high level of sustainability literacy, with an overall average of:

Core International: 88%

- Earth Systems: 84%
- Human Welfare: 89%
- Levers of Opportunity: 90%

The results demonstrate that the Institution has successfully embedded sustainability awareness across students, faculty, and administrative bodies, achieving high competency levels aligned with global sustainability frameworks.

The strong performance in Human Welfare and Levers of Opportunity indicates a solution-oriented and socially responsible mindset, while continued focus on Earth Systems will further enhance holistic sustainability literacy.

KITS employs several indirect methods to assess literacy and knowledge on sustainability, integrating participation, engagement, and experiential learning into its evaluation framework:

1. **Non-academic credit system**: Students earn credits through active participation in awareness programs and activities related to the Sustainable Development Goals (SDGs), coordinated by the Centre for Extension Activities. This reflects their engagement and understanding of sustainability concepts.
2. **Participation in Technology Missions**: Faculty and students enroll in one of the 25 Technology Missions aligned with SDGs. Their involvement and contributions serve as indicators of their awareness and applied knowledge in sustainability domains.
3. **Innovation and startup initiatives**: Engagement in activities under the Ministry of Education's Innovation Cell, particularly in incubation and startup development within SDG-focused thematic areas, indirectly demonstrates sustainability literacy through innovation outcomes.
4. **Experiential learning programs**: Initiatives such as the Experiential Learning Programme (ELP) and Rural Agricultural Work Experience (RAWE) provide hands-on exposure to environmental sustainability practices, enabling assessment through real-world application and field performance.
5. **Project-based and skill-based learning**: Students undertake projects and skill-oriented tasks related to sustainability, where their ability to apply concepts and propose solutions serves as an indirect measure of their sustainability knowledge.