

**BS ISO 11620:2014 (INFORMATION AND DOCUMENTATION — LIBRARY PERFORMANCE INDICATORS)**

**PERPUSTAKAAN UTM**

**BS ISO 11620:2014 – UNIT REPOSITORI & DOKUMEN DIGITAL, SEKSYEN KOLEKSI KHAS & REPOSITORI, PERPUSTAKAAN UTM : 2020 - 2022**

B1: Resources, Access and Infrastructure					
Performance Indicator	PI Number	Definition of the indicator	Method		Result
B.1.1 Collection					
Percentage of the Owner Institution's Publications in the Institutional Repository	B1.1.5	<p>The percentage of the total number of the owner institution's academic publications, such as journal articles, eBooks, e-prints, technical reports, theses and dissertations, data sets, and teaching and learning materials, that are stored in the institution's open access repository.</p> <p>Student works are not included.</p> <p>The indicator could include masters' theses, or be used separately for these.</p> <p>The indicator can only be used in institutions that keep records of published academic publications in the institution.</p>	<p>It is desirable to calculate the indicator separately for records and open access full text academic documents.</p> <p>1) To assess the percentage of the owner institution's academic publications available as records in the institutional repository:</p> <p>— establish the total number of academic publications that have been published (journal articles, eBooks, e-prints, technical reports, theses and dissertations, data sets, and teaching and learning materials) in the institution during the last three years;</p> <p>— establish the number of these publications that are recorded in the institutional repository.</p> <p>The Percentage of the Owner Institution's Academic Publications in the Institutional Repository (records only) is</p> $A/B \times 100$ <p>where</p>	<p><i>Notes:</i></p> <p>- List of RU publication from BPMP - Sec C (a, d, e and f).</p> <p><i>Includes PhD and master thesis and published by UTM only.</i></p> <p>- Past 3 years except for the current year.</p> <p>- Report yearly.</p>	<p>Reference:</p> <p>A</p> <p>UTM-IR:</p> <p>2020 – 4,946</p> <p>2021 – 4,807</p> <p>2022 – 3,393*</p> <p><b>Total A : 13,146</b></p> <p>*Up to 07.09.2022</p> <p>B</p> <p>Total RU records (Sec C - a,d,e,f)</p> <p>2020 – 5,257</p> <p>2021 – 5,472</p> <p>2022 – 2,011**</p> <p><b>Total : 12,740</b></p> <p>**Up to Jun 2022</p> <p>Total thesis records (Master &amp; PhD) :</p> <p>2020 – No event.</p> <p>2021 – 2,663</p> <p>2022 – 1,310***</p> <p><b>Total : 3,973</b></p> <p>**Up to May 2022, 1<sup>st</sup> session of 2022.</p>

			<p><b>A</b> is the number of records of the institution's academic publications in the institutional open access repository;</p> <p><b>B</b> is the number of academic publications published by the institution or the institution's scientific staff during the past three years.</p> <p>Round off to nearest integer.</p>		<p><b>Total B : 16,713</b></p> <p>Notes: Data source from Buku Konvokesyen UTM ke 64 (2021) and 65 (2022)</p> <p><math>A / B \times 100</math>  <math>13,146 / 16,713 \times 100</math>  <b>= 78.65% @ 79%</b></p> <p>Data for 2022 will be re-generated after cycle of 2022 completed by January 2023.</p>
			<p>2) To assess the percentage of the owner institution's academic publications freely available as full text academic documents in the institutional repository:</p> <p>— establish the total number of academic publications that have been published (journal articles, e-prints, technical reports, theses and dissertations, data sets, and teaching and learning materials) in the institution during the last three years;</p> <p>— establish the number of these publications for which the full text is available for all users in the institutional open access repository.</p>	<p><i>Notes:</i>  <i>Mengikut skop bahan deposit dan hanya dimuat naik teks penuh PDF.</i></p> <p><i>Tidak termasuk data tesis kerana kandungan sehingga bab 1.</i></p>	<p>Report not available.</p> <p>Refer Nota.</p>

			<p>The Percentage of the Owner Institution's Academic Publications in the Institutional Repository is <math>A/B \times 100</math>  where  <b>A</b> is the number of the institution's academic publications stored in the institutional open access repository;  <b>B</b> is the number of academic publications published by the institution or the institution's scientific staff during the past three years.  Round off to the nearest integer.</p>		
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NOTA :-

Faktor penyumbang kepada ketiadaan penghasilan laporan bagi perkara 2 : B1.1.5 - *Percentage of the Owner Institution's Publications in the Institutional Repository*, yang melibatkan penjana data bagi menentukan nilai 'A' adalah seperti keterangan berikut :

- i. Sistem UTM-IR hanya menjana data secara kumulatif dan tidak mengikut tahun apabila rekod bahan diwujudkan di dalam sistem berdasarkan tahun proses kerja berkenaan dilaksanakan. Penjana ini merujuk kepada keperluan untuk laporan ini sahaja.
- ii. Nilai A dikira berdasarkan formula berikut : Jumlah kumulatif terkini – Jumlah kumulatif yang dijana pada setiap 1 haribulan Januari tahun sebelum.
- iii. Pelaporan terakhir bagi perkara 2 : B1.1.5 adalah pada 2019, dengan kiraan kelompok 3 tahun sekali mulai 2017-2019.
- iv. Pelaporan untuk tahun 2020-2021 **TIDAK** dihasilkan, menyebabkan penjana data bagi dua tahun berkenaan terhenti. Maka pengiraan bagi perkara (i) tidak dapat dilaksanakan untuk mendapatkan data bagi tahun 2020, 2021 dan 2022 kerana penjana data semasa adalah secara kumulatif dari awal sistem UTM-IR digunakan.

Pengiraan data hanya boleh dilaksanakan semula pada awal Januari 2023 untuk mendapatkan Jumlah Kumulatif bagi *number of the institution's academic publications stored in the institutional open access repository* (nilai A).

Untuk menyediakan kembali pelaporan bagi perkara 2 : B1.1.5 - *Percentage of the Owner Institution's Publications in the Institutional Repository*, laporan hanya boleh dilaksanakan pada awal tahun 2024, iaitu apabila kedua-dua data kumulatif ini dapat dijana dengan jumlah yang tepat. Penjana data pada awal tahun 2024 adalah untuk mendapatkan data bagi tahun 2023 sahaja.

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B2: Use					
Performance Indicator	PI Number	Definition of the indicator	Method		Result
B.2.1 Collection					
Number of Downloads per Document Digitized	B.2.1.5	The number of downloads per document digitized out of the library's collection during a specified period. For the purpose of this indicator, only those digitized documents that are available for public access are included.	Establish the number of documents digitized out of the library's collection and that are available for public access. Count the number of downloads from these documents during a specified time period, normally a year. The Number of Downloads per Document Digitized is $A/B$ where <b>A</b> is the number of downloads from documents digitized out of the library's collection during a specified time period; <b>B</b> is the total number of documents digitized out of the library's collection. Round off to the nearest integer. The indicator can be presented by types of materials.	<i>Notes:</i> - Include UTM-IR only - Data reporting will be used from last year data.  (Item Type: Article, book section, monograph, conference, book, theses, teaching resource; type : pdf)	Jan – Dec 2020 A = 2,510,291  All library's digitized collection B = 59,947  $A/B$ 2,510,291 / 59,947 = <b>41.87 @ 42</b>  The indicator is a positive integer with no top limit.  A high number of downloads will be regarded as good.  It shows that the library has digitized documents that are relevant for its population.

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B2: Use					
Performance Indicator	PI Number	Definition of the indicator	Method		Result
B.2.1 Collection					
Number of Downloads per Document Digitized	B.2.1.5	The number of downloads per document digitized out of the library’s collection during a specified period. For the purpose of this indicator, only those digitized documents that are available for public access are included.	Establish the number of documents digitized out of the library’s collection and that are available for public access. Count the number of downloads from these documents during a specified time period, normally a year. The Number of Downloads per Document Digitized is A/B where A is the number of downloads from documents digitized out of the library’s collection during a specified time period; B is the total number of documents digitized out of the library’s collection. Round off to the nearest integer. The indicator can be presented by types of materials.	Notes: - Include UTM-IR only - Data reporting will be used from last year data.  (Item Type: Article, book section, monograph, conference, book, theses, teaching resource; type : pdf)	Jan – Dec 2021 A = 2,090,553  All library’s digitized collection B = 64,771  A/B 2,090,553 / 64,771 = <b>32.27 @ 32</b>  The indicator is a positive integer with no top limit.  A high number of downloads will be regarded as good.  It shows that the library has digitized documents that are relevant for its population.