SDG
04
QUALITY EDUCATION

EVIDENCE DOCUMENT | INDICATOR 4.3.1

Free educational resources for external learners

METRIC 4.3 Lifelong learning measures

REFERENCE YEAR	COVERAGE	DATE PREPARED
2025	External learners, researchers, skills trainees and community users	1 November 2026

ISSUING OFFICE	EVIDENCE ID
Directorate of Quality Assurance, Head Office	E-04-4.3.1

THE SIR 2027 REQUIREMENT

Does your university as a body provide free access to educational resources for those not studying at the university, e.g. computers, library, online courses, access to lectures, etc?

01 Statement of Evidence

Bahria University's direct answer to the requirement

Yes. Bahria University, as an institution, provides people who are not enrolled at the University with free access to educational resources through three established routes. First, approved external users may use BU library facilities, computers and electronic resources without charge; in December 2025 the University approved on-site Web of Science and Scopus access for National Defence University personnel. Second, through its Leadership and Professional Development Centre, BU delivered free NAVTTC-certified training under the Prime Minister's Youth Skills Development Program in 2025: 30 merit-selected young people (13 female, 17 male) in Graphic Design and Video Editing and Advance Python Programming and Applications completed the six-month programme at the Islamabad E-8 Campus, all 30 received NAVTTC certificates, and all were given full access to the University Library, computer laboratories, internet and digital resources and campus learning spaces throughout. Third, BU offers free online access to its public library catalogue, curated open-access books, journals, research papers and recorded lectures, and the full text of its own open-access journal.

02 Evidence and Activity Record

Dated facts and records that substantiate the statement

The evidence is organised by the three forms of provision: free access to campus facilities and equipment, free courses leading to a certificate, and free access to online resources. Records dated after 2025 are grouped separately at the end as continuity evidence.

TABLE 1 External access and lifelong learning provision

No	Form of provision	University provision	External audience and access	Supporting record
1	Free access to campus facilities and equipment	Approved external use of BU library facilities, computers, Wi-Fi and electronic resources without charge.	Researchers, alumni and community members who apply for competent-authority approval.	Chief Librarian's institutional statement; public external-membership page.
2	Free access to campus facilities and equipment	On-site Web of Science and Scopus access within the BUIC library.	National Defence University personnel; approved 9 December 2025.	Case BUIC/Library/2025/432.
3	Free courses leading to a certificate	Six-month NAVTTC PMYSDP training delivered by BU LPDC in two IT trades; 30 of 30 candidates certified.	Merit-selected young people (13 female, 17 male) not enrolled at BU.	Public call (January 2025); NAVTTC award letters (5 March 2025); LPDC completion record.
4	Free access to campus facilities for certificate learners	Full access to the University Library, computer laboratories, internet, digital resources and learning spaces.	All 30 NAVTTC candidates for the full programme duration.	LPDC completion and facility access record.
5	Free access to online resources	Public library catalogue; open-access books, journals and papers; recorded lecture collections.	Anyone, without BU enrolment or sign-in.	Public catalogue and BU library resource pages.
6	Free access to online resources	Full text of JBUMDC articles without subscription or pay-per-view charges.	Anyone, including practitioners and independent learners.	Open Access Policy and 2025 articles.

Library access to licensed databases is provided on site under approval and library rules, while catalogue search and the curated online resources require no approval. The NAVTTC programme was free to trainees under the national programme framework; the fees shown in the award letters were payable by the University as Training Service Provider.

1. Free access to campus facilities and equipment

This section documents the University's route for people outside BU to use its library facilities, computers and electronic resources, followed by a dated 2025 case in which that route was used, an external academic visit and the library infrastructure available to approved users.

1.1 External access route to BU Libraries

Bahria University Libraries make available library facilities accessible to external users without charges after institutional approval. The Chief Librarian's institutional statement sets out an application-based process: interested individuals submit a request, the competent authority considers it, and approved users may use the available facilities free of charge. This creates a managed route into the University's learning resources for people who are not studying at BU.

The published external-membership service description welcomes alumni, former employees, community members, individuals and researchers with identity and residence documentation. It lists borrowing privileges for e-books and e-journals, research assistance, computers, Wi-Fi, programming support and access to e-databases among the services available to external members. Library staff also provide reference assistance and user education to support effective literature searching.

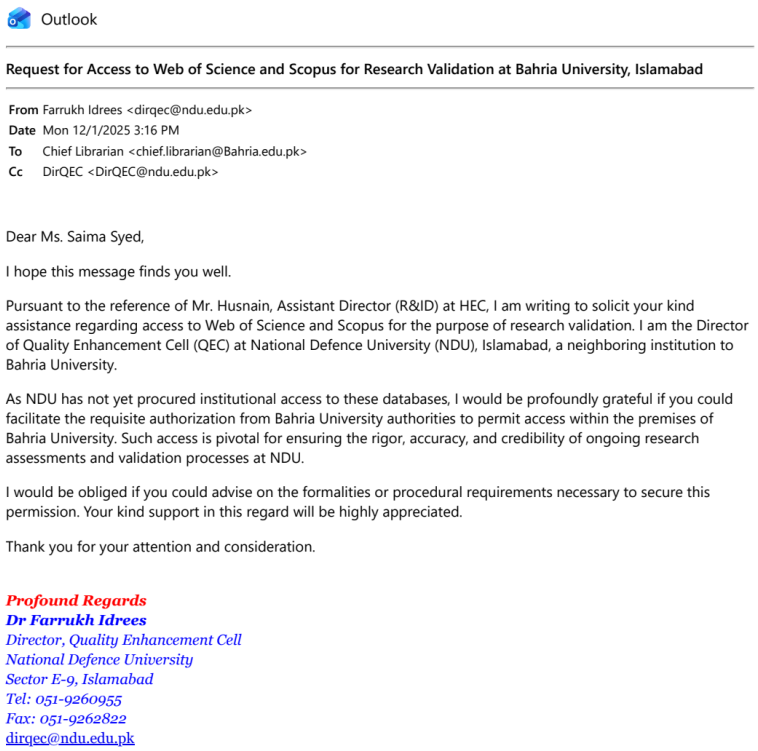
Official BU Libraries desk services and external membership information

External users may contact the Chief Librarian at chief.librarian@bahria.edu.pk for guidance on the application and available resources.

Official BU library catalogue and assistance contact

1.2 External researcher request, December 2025

On 1 December 2025, the Director of the Quality Enhancement Cell at National Defence University requested access to Web of Science and Scopus at Bahria University for research validation. The request explained that NDU had not procured institutional access and sought permission to use the resources within BU premises. The correspondence records an external institutional research need and BU's role in providing access to established academic resources.



Outlook

Request for Access to Web of Science and Scopus for Research Validation at Bahria University, Islamabad

From Farrukh Idrees <dirqec@ndu.edu.pk>
Date Mon 12/1/2025 3:16 PM
To Chief Librarian <chief.librarian@Bahria.edu.pk>
Cc DirQEC <DirQEC@ndu.edu.pk>

Dear Ms. Saima Syed,

I hope this message finds you well.

Pursuant to the reference of Mr. Husnain, Assistant Director (R&ID) at HEC, I am writing to solicit your kind assistance regarding access to Web of Science and Scopus for the purpose of research validation. I am the Director of Quality Enhancement Cell (QEC) at National Defence University (NDU), Islamabad, a neighboring institution to Bahria University.

As NDU has not yet procured institutional access to these databases, I would be profoundly grateful if you could facilitate the requisite authorization from Bahria University authorities to permit access within the premises of Bahria University. Such access is pivotal for ensuring the rigor, accuracy, and credibility of ongoing research assessments and validation processes at NDU.

I would be obliged if you could advise on the formalities or procedural requirements necessary to secure this permission. Your kind support in this regard will be highly appreciated.

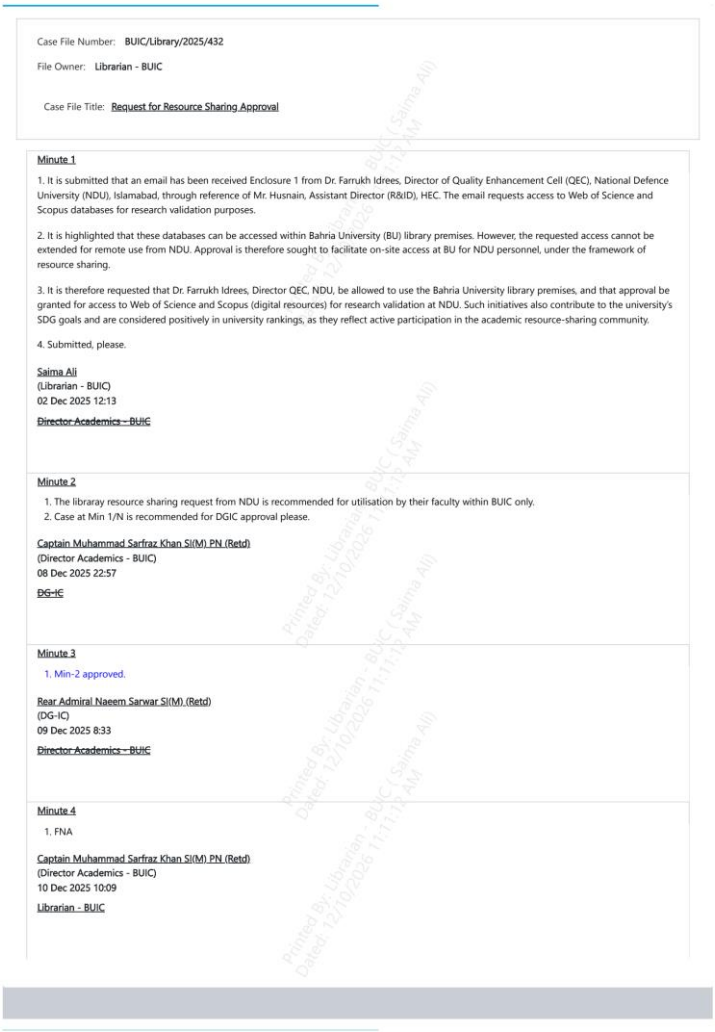
Thank you for your attention and consideration.

Profound Regards
Dr Farrukh Idrees
Director, Quality Enhancement Cell
National Defence University
Sector E-9, Islamabad
Tel: 051-9260955
Fax: 051-9262822
dirqec@ndu.edu.pk

Figure 1: Original NDU request email dated 1 December 2025, seeking access to research databases within BU premises.

1.3 Formal approval of external access, December 2025

The Librarian initiated case BUIC/Library/2025/432 on 2 December 2025. The Director Academics recommended on-site use by NDU faculty on 8 December; the Director General Islamabad Campus approved the recommendation on 9 December, followed by action routing on 10 December. The record establishes an approved external access arrangement for research resources within BUIC. The action dates remain in 2025 despite the later print watermark on the reproduced record.



Case File Number: BUIC/Library/2025/432

File Owner: Librarian - BUIC

Case File Title: Request for Resource Sharing Approval

Minute 1

1. It is submitted that an email has been received Enclosure 1 from Dr. Farrukh Idrees, Director of Quality Enhancement Cell (QEC), National Defence University (NDU), Islamabad, through reference of Mr. Husnain, Assistant Director (R&ID), HEC. The email requests access to Web of Science and Scopus databases for research validation purposes.

2. It is highlighted that these databases can be accessed within Bahria University (BU) library premises. However, the requested access cannot be extended for remote use from NDU. Approval is therefore sought to facilitate on-site access at BU for NDU personnel, under the framework of resource sharing.

3. It is therefore requested that Dr. Farrukh Idrees, Director QEC, NDU, be allowed to use the Bahria University library premises, and that approval be granted for access to Web of Science and Scopus (digital resources) for research validation at NDU. Such initiatives also contribute to the university's SDG goals and are considered positively in university rankings, as they reflect active participation in the academic resource-sharing community.

4. Submitted, please.

Saima Ali
(Librarian - BUIC)
02 Dec 2025 12:13
~~Director Academics - BUIC~~

Minute 2

1. The libraray resource sharing request from NDU is recommended for utilisation by their faculty within BUIC only.
2. Case at Min 1/N is recommended for DGIC approval please.

Captain Muhammad Sarfraz Khan SI(M) PN (Retd)
(Director Academics - BUIC)
08 Dec 2025 22:57
~~DG-IC~~

Minute 3

1. Min-2 approved.

Rear Admiral Naeem Sarwar SI(M) (Retd)
(DG-IC)
09 Dec 2025 8:33
~~Director Academics - BUIC~~

Minute 4

1. FNA

Captain Muhammad Sarfraz Khan SI(M) PN (Retd)
(Director Academics - BUIC)
10 Dec 2025 10:09
Librarian - BUIC

Figure 2: Original complete approval record showing the request, on-site access condition, recommendation and approval in December 2025.



Minute 3

1. Min-2 approved.

Rear Admiral Naeem Sarwar SI(M) (Retd)
(DG-IC)
09 Dec 2025 8:33
~~Director Academics - BUIC~~

Figure 3: Enlarged extract of the same record showing the final approval dated 9 December 2025, case BUIC/Library/2025/432.

1.4 External academic engagement with library resources, February 2025

On 10 February 2025, heads of department, faculty and students from the University of Balochistan visited Bahria University's Main Library. The visitors explored academic resources, digital services and the learning environment, with discussion of inter-institutional collaboration and shared practices. This provides a further dated example of people from another university engaging with BU's library infrastructure.



Figure 4: Original institutional photograph accompanying the University of Balochistan library visit on 10 February 2025.

Together with the NDU approval, the visit demonstrates that the library's educational and research role extends beyond BU's enrolled student body.

1.5 Library learning infrastructure available to approved users

The Health Sciences Campus Karachi library profile describes a collection of more than 5,867 books, 200 e-books, 50 desktop computers and seating for 200 users. It lists reference services, search assistance, user education, research support and the KOHA integrated library system. These published figures describe the library's educational infrastructure; external use follows the relevant approval and access arrangements.

Official BU Health Sciences Campus Karachi library resources and facilities

The University's academic-year 2024–2025 account also documents library automation and digital discovery infrastructure. During the HEC review visit on 16 May 2025, library staff demonstrated services including KOHA, DSpace and RFID-based circulation. The photographs below show the institutional library setting supporting access and research assistance.



Figure 5: Original library photograph accompanying the HEC review visit on 16 May 2025 at E-8.



Figure 6: Original photograph accompanying the HEC review visit to H-11 library on 16 May 2025.

2. Free courses leading to a certificate, with campus resource access

In 2025, Bahria University's Leadership and Professional Development Centre (LPDC) served as a Training Service Provider for the National Vocational and Technical Training Commission (NAVTTC) under the Prime Minister's Youth Skills Development Program (PMYSDP). The programme offered young people who were not BU students free, six-month, NAVTTC-certified training at the Islamabad E-8 Campus, together with access to the University's library, computer laboratories and digital resources. The records below follow the programme in sequence: public call, award, completion and certification, and facility access.

2.1 Public call for applicants, January 2025

BU LPDC publicly invited applications for the programme at the Bahria University Islamabad E-8 Campus. The official flyer identifies the Prime Minister's Youth Skills Development Program under the Prime Minister's Special Initiative for Information Technology, a six-month duration, a registration deadline of 30 January 2025 and registration through the NAVTTC National Skills Information System. It carries the logos of Bahria University, the Government of Pakistan, the Prime Minister's Youth Programme and NAVTTC, with LPDC BUHO as the contact point.



Figure 7: Original programme flyer issued by LPDC BUHO, announcing PMYSDP courses at Bahria University Islamabad E-8 Campus, six-month duration, last date to register 30 January 2025.

The flyer listed three courses. NAVTTC subsequently awarded the University two of them, Graphic Design and Video Editing and Advance Python Programming and Applications, as recorded in section 2.2.

NAVTTC official training registration portal

2.2 NAVTTC award and institutional partnership, March 2025

Two NAVTTC letters dated 5 March 2025 awarded BU LPDC, as Training Service Provider for PMYSDP 2024–2025 Batch II, 20 seats in Graphic Design and Video Editing and 10 seats in Advance Python Programming and Applications, a combined allocation of 30 places across two information-technology trades. The letters state that training classes would start with effect from 5 March 2025 and that the teaching and learning materials for the awarded trades are available on NAVTTC's website. The original letters are reproduced in section 2.6.

Training trade	Trade code	Seats awarded	Award date
Graphic Design and Video Editing	613	20	5 March 2025
Advance Python Programming and Applications	127	10	5 March 2025
Total	Two trades	30	PMYSDP Batch II

The University's academic-year 2024–2025 annual report data record a Memorandum of Understanding between Bahria University and NAVTTC signed on 13 March 2025, formalising the institutional partnership through which the programme was delivered.

NAVTTC's published programme framework describes its training, including the PMYSDP flagship programme, as 100 per cent free, certified vocational training for eligible youth. The Bid Submission Fee and Training Program Award Fee listed in the award letters were one-time charges payable by the University as Training Service Provider, not by trainees.

NAVTTC official free certified training programme framework

2.3 Course completion and certification

LPDC's official completion record confirms that the full awarded allocation was delivered. All 30 candidates were inducted through a standardised entry assessment, application scrutiny and NAVTTC merit listing. Every candidate completed the required credit hours, practical assessments and project milestones within the stipulated timeframe, and all 30 were awarded official NAVTTC certificates, a completion rate of 100 per cent.

Training track	Selected (merit list)	Female	Male	Completed	NAVTTC certified
Graphic Design and Video Editing	20	9 (45.0%)	11 (55.0%)	20	20 (100%)
Advance Python Programming and Applications	10	4 (40.0%)	6 (60.0%)	10	10 (100%)
Total	30	13 (43.3%)	17 (56.7%)	30	30 (100%)

The Graphic Design and Video Editing track covered visual communication, digital illustration, user-interface layout, motion graphics and non-linear video editing. The Advance Python Programming and Applications track covered object-oriented programming, data manipulation, automation scripting, web frameworks and software application development. Both were delivered at the Islamabad E-8 Campus over the scheduled six-month duration. The January 2025 registration deadline, the 5 March 2025 commencement date in the award letters and the six-month duration place the delivery within 2025. Women formed 43.3 per cent of the certified cohort.

2.4 Access to University facilities and learning resources for NAVTTC candidates

The LPDC record certifies that throughout the entire six-month programme, all enrolled candidates were granted full access to Bahria University campus facilities. This comprised the University Library, dedicated computer laboratories, high-speed internet and digital resources, digital repositories and campus learning spaces. The access applied to every candidate in both tracks, so that 30 people who were not BU students used the University's library and computing resources free of charge while completing a national certificate.

Resource	Provision to NAVTTC candidates	Coverage
University Library	Full access to the library and its learning resources	All 30 candidates, full programme duration
Computer laboratories	Dedicated and specialised computer laboratories for practical training	Both tracks
Internet and digital resources	High-speed internet, digital learning resources and digital repositories	All 30 candidates
Campus learning spaces	Campus learning spaces and amenities at Islamabad E-8 Campus	All 30 candidates

The record is issued by LPDC as executing authority and authenticated by the Director, Leadership and Professional Development Centre, Bahria University Head Office. The complete record is reproduced on the following pages.

2.5 Original LPDC completion and facility access record, page 1

BAHRIA UNIVERSITY

Leadership and Professional Development Centre (LPDC)

Bahria University Head Office (BUHO) / Islamabad E-8 Campus

Prime Minister's Youth Skills Development Program (NAVTTC)

NAVTTC

EVIDENCE OF COURSE COMPLETION & GENDER-DISAGGREGATED ENROLLMENT REPORT

Document Title: Evidence of Course Completion (By Track & Gender)	**Issuing Authority:** Bahria University's Leadership and Professional Development Centre
Collaborating Partner: National Vocational & Technical Training Commission (NAVTTC)	**Campus Facility Access:** Full Access Granted (Library, Computer Labs & Campus Amenities)

1. Institutional Certification, Program Overview & Campus Facility Access

This official document serves as formal institutional evidence of course enrollment, gender breakdown, and successful completion for the vocational and technical training tracks conducted at **Bahria University (Islamabad E-8 Campus)** under the auspices of the **National Vocational and Technical Training Commission (NAVTTC) — Prime Minister's Youth Skills Development Program**. Executed and supervised by **Bahria University's Leadership and Professional Development Centre**, all candidates across the designated tracks were inducted through a standardized, transparent selection and merit-listing process. Throughout the entire 6-month duration of these professional certificates, **all enrolled candidates were granted full access to Bahria University (BU) campus facilities, including the University Library, dedicated Computer Labs, high-speed internet/digital resources, and campus learning spaces**. Every inducted candidate (100%) successfully fulfilled the required credit hours, practical assessments, and project milestones within the stipulated timeframe and was awarded an official NAVTTC Certificate.

2. Quantitative Summary of Course Completion by Track & Gender

S.No	Training Track / Course Title	Total Selected (Merit List)	Female Students	Male Students	Total Completed	Completion Rate	NAVTTC Certified
01	Graphic Design and Video Editing	20	09 (45.0%)	11 (55.0%)	20	100%	20 (100%)
02	Advance Python Programming and Applications	10	04 (40.0%)	06 (60.0%)	10	100%	10 (100%)
—	**Grand Total / Overall Program Summary**	**30**	**13 (43.3%)**	**17 (56.7%)**	**30**	**100%**	**30 (100%)**

3. Track-Wise Verification & Gender-Disaggregated Evidence

TRACK 01: GRAPHIC DESIGN AND VIDEO EDITING

Merit-Listed & Selected	Female Representation	Male Representation	Completion & Certification
20 Candidates	**9 Female Students (45.0%)**	**11 Male Students (55.0%)**	**20 / 20 Certified (100%)**

- **Selection & Merit Listing:** A total of 20 candidates were inducted after successfully clearing the standardized entry assessment, application scrutiny, and official NAVTTC merit-listing process.
- **Gender Breakdown:** The cohort comprised 9 female students (45.0%) and 11 male students (55.0%), demonstrating inclusive

Figure 8: Original LPDC record, page 1: programme overview, campus facility access statement and completion summary by track and gender.

2.5 Original LPDC completion and facility access record, pages 2 and 3

access to technical skill development.

- **Training & Timeframe Compliance:** Delivered at Bahria University Islamabad E-8 Campus covering visual communication, digital illustration, UI layout, motion graphics, and non-linear video editing workflows over the scheduled 6-month duration.
- **Campus Facilities & Resource Access:** Throughout the duration of this professional certificate, all candidates were provided full access to Bahria University facilities, including the University Library, specialized Computer Labs, and digital learning resources.
- **Certification Awarded:** All 20 candidates (9 females and 11 males) completed 100% of the training requirements within the given timeframe and were awarded official NAVTTC Certificates.

TRACK 02: ADVANCE PYTHON PROGRAMMING AND APPLICATIONS

Merit-Listed & Selected	Female Representation	Male Representation	Completion & Certification
10 Candidates	**4 Female Students (40.0%)**	**6 Male Students (60.0%)**	**10 / 10 Certified (100%)**

- **Selection & Merit Listing:** A total of 10 candidates were inducted after successfully clearing the standardized entry assessment, application scrutiny, and official NAVTTC merit-listing process.
- **Gender Breakdown:** The cohort comprised 4 female students (40.0%) and 6 male students (60.0%), demonstrating inclusive access to technical skill development.
- **Training & Timeframe Compliance:** Delivered at Bahria University Islamabad E-8 Campus covering advanced object-oriented programming, data manipulation, automation scripting, web frameworks, and real-world software application development over the scheduled 6-month duration.
- **Campus Facilities & Resource Access:** Throughout the duration of this professional certificate, all candidates were provided full access to Bahria University facilities, including the University Library, specialized Computer Labs, and digital learning resources.
- **Certification Awarded:** All 10 candidates (4 females and 6 males) completed 100% of the training requirements within the given timeframe and were awarded official NAVTTC Certificates.

4. Official Program Announcement & Institutional Verification



Figure 1: Official Program Flyer — LPDC BUHO / Bahria University Islamabad E-8 Campus

DECLARATION OF COMPLETION, CERTIFICATION & FACILITY ACCESS

It is hereby officially certified by Bahria University's Leadership and Professional Development Centre that the NAVTTC skill development cohorts in (1) Graphic Design and Video Editing (20 students: 9 Females, 11 Males) and (2) Advance Python Programming and Applications (10 students: 4 Females, 6 Males) were inducted strictly on merit. During the entire duration of these professional certificates, all candidates were granted full access to Bahria University facilities, including the Library and Computer Labs. All candidates completed 100% of their coursework within the stipulated timeframe and were awarded official NAVTTC Certificates.

Issuing & Executing Authority: Bahria University's Leadership and Professional Development Centre (LPDC BUHO)

Training Venue: Bahria University Islamabad E-8 Campus (Contact LPDC BUHO: 051-9260811)

BU Facilities Provided: Full Access to BU Library, Computer Labs, Digital Repositories & Campus Amenities

Sponsoring Initiative: Prime Minister's Special Initiative for IT / Youth Skills Development Program

Portal Verification: https://nsis.navttc.gov.pk

OFFICIAL INSTITUTIONAL AUTHENTICATION & AUTHORIZATION

This evidence record is officially authenticated and authorized by the **Director, Leadership and Professional Development**

Figure 9: Original LPDC record, page 2: track-wise verification, facility access, programme flyer and declaration of completion, certification and facility access.

Centre, Bahria University Head Office (Director LPDC BUHO), on behalf of Bahria University's Leadership and Professional Development Centre.

Issued as verified institutional evidence for Quality Assurance, Ranking Submissions, and Official Record — Bahria University Islamabad.

Figure 10: Original LPDC record, page 3: authentication by the Director LPDC, Bahria University Head Office.

2.6 Original NAVTTC award letters, page 1 of 4

GOVERNMENT OF PAKISTAN
NATIONAL VOCATIONAL & TECHNICAL TRAINING COMMISSION
Regional Office, Plot No. 39, Kirthar Road, Sector H-9/4, Islamabad
Phone: 051-9215192, Fax: 051-9215194, http://navttc.gov.pk

No. 435 /RO(NAVTTC)/PMYSD/Batch-II/ Dated: 05.03.2025

Subject: **CONDITIONAL AWARD OF THE TRAINING PROGRAM TO THE TRAINING SERVICE PROVIDER (TSP) UNDER PRIME MINISTER'S YOUTH SKILL DEVELOPMENT PROGRAM (PMYSDP) (2024-25 (BATCH-II)**

In light of the recommendations of the Seat Allocation Committee for Prime Minister's Youth Skill Development Program (PMYSDP) (2024-25) (B-II), your institute has been awarded the Training Program (*conditionally subject to fulfillment of specified pre-requisites) as per the details given below:

Sr. No.	Name of Training Service Provider (TSP)	Sector	Awarded Trades (*conditionally)	Trade Code	No. of Awarded Seats
1	Leadership and Professional Development Centre Bahria University, Islamabad	Information Technology	Graphic Design and Video Editing	613	20

2. The aforementioned Training Program is conditionally awarded subject to fulfillment of the following mandatory pre-requisites:

- The TSP has to deposit a "Bid Submission Fee" of Rs. 15,000/- (One time / Non-refundable) in NAVTTC Fund Account (Details given below).
- An amount of Rs. 10,000/- per Trade "Training Program Award Fee" (in line with the approval of 3rd Program Steering Committee Meeting for PMYSDP) (One time / Non-refundable) in NAVTTC Fund Account (Details given below).

Title of Account:	NAVTTC FUND ACCOUNT
Bank Account No.:	4001509626
Name of Bank:	National Bank of Pakistan
Branch Address:	P.M. Sectt. Branch, Islamabad
Branch Code:	1732

3. It is pertinent to mention here that the Teaching Learning Materials (TLMs) of the aforementioned awarded trades have been uploaded on NAVTTC's Official Website

Figure 11: Original NAVTTC record page 1 of 4, dated 5 March 2025, preserving the awarded trade, programme conditions and aut hority.

2.6 Original NAVTTC award letters, page 2 of 4

(https://navttc.gov.pk/) and the detailed SoPs for execution of the subject Training Program are also attached herewith for implementation.

4. Furthermore, the Training Classes for PMYSDP (2024-25) (B-II) for remaining 07 sectors *(i.e i. Aesthetics, Health Care and Services, ii. Banking and Finance, iii. Construction with Electrical/Energy, iv. Hospitality & Tourism, v. Information Technology, vi. Languages, vii. Manufacturing & Textile)* will start w.e.f. 05th March, 2025 (Wednesday). However, the TSP is advised to sign the JV Agreement with the concerned NAVTTC Regional Office within seven days of the issuance of this letter.

5. This issues with the approval of Executive Director, NAVTTC.

(Zafar Haider Khan)
Director General-ICT

Leadership and Professional Development Centre Bahria University, Islamabad

Figure 12: Original NAVTTC record page 2 of 4, dated 5 March 2025, preserving the awarded trade, programme conditions and aut hority.

2.6 Original NAVTTC award letters, page 3 of 4

GOVERNMENT OF PAKISTAN
NATIONAL VOCATIONAL & TECHNICAL TRAINING COMMISSION
Regional Office, Plot No. 39, Kirthar Road, Sector H-9/4, Islamabad
Phone: 051-9215192, Fax: 051-9215194, http://navttc.gov.pk

No. 435 /RO(NAVTTC)/PMYSD/Batch-II/ Dated: 05.03.2025

Subject: **CONDITIONAL AWARD OF THE TRAINING PROGRAM TO THE TRAINING SERVICE PROVIDER (TSP) UNDER PRIME MINISTER'S YOUTH SKILL DEVELOPMENT PROGRAM (PMYSDP) (2024-25 (BATCH-II)**

In light of the recommendations of the Seat Allocation Committee for Prime Minister's Youth Skill Development Program (PMYSDP) (2024-25) (B-II), your institute has been awarded the Training Program (*conditionally subject to fulfillment of specified pre-requisites) as per the details given below:

Sr. No.	Name of Training Service Provider (TSP)	Sector	Awarded Trades (*conditionally)	Trade Code	No. of Awarded Seats
1	Leadership and Professional Development Centre Bahria University, Islamabad	Information Technology	Advance Python Programming & Applications	127	10

2. The aforementioned Training Program is conditionally awarded subject to fulfillment of the following mandatory pre-requisites:

- The TSP has to deposit a "Bid Submission Fee" of Rs. 15,000/- (One time / Non-refundable) in NAVTTC Fund Account (Details given below).
- An amount of Rs. 10,000/- per Trade "Training Program Award Fee" (in line with the approval of 3rd Program Steering Committee Meeting for PMYSDP) (One time / Non-refundable) in NAVTTC Fund Account (Details given below).

Title of Account:	NAVTTC FUND ACCOUNT
Bank Account No.:	4001509626
Name of Bank:	National Bank of Pakistan
Branch Address:	P.M. Sectt. Branch, Islamabad

Figure 13: Original NAVTTC record page 3 of 4, dated 5 March 2025, preserving the awarded trade, programme conditions and aut hority.

2.6 Original NAVTTC award letters, page 4 of 4

Branch Code: 1732

3. It is pertinent to mention here that the Teaching Learning Materials (TLMs) of the aforementioned awarded trades have been uploaded on NAVTTC's Official Website (https://navttc.gov.pk/) and the detailed SoPs for execution of the subject Training Program are also attached herewith for implementation.

4. Furthermore, the Training Classes for PMYSDP (2024-25) (B-II) for remaining 07 sectors *(i.e i. Aesthetics, Health Care and Services, ii. Banking and Finance, iii. Construction with Electrical/Energy, iv. Hospitality & Tourism, v. Information Technology, vi. Languages, vii. Manufacturing & Textile)* will start w.e.f. 05th March, 2025 (Wednesday). However, the TSP is advised to sign the JV Agreement with the concerned NAVTTC Regional Office within seven days of the issuance of this letter.

5. This issues with the approval of Executive Director, NAVTTC.

(Zafar Haider Khan)
Director General-ICT

Leadership and Professional Development Centre Bahria University, Islamabad

Figure 14: Original NAVTTC record page 4 of 4, dated 5 March 2025, preserving the awarded trade, programme conditions and aut hority.

3. Free access to online resources

This section documents the learning resources that anyone can reach online without enrolment or sign-in: the University's public library catalogue, the open-access books, journals, research papers and recorded lectures it signposts, and the full text of the University's own open-access journal.

3.1 Public library catalogue

Bahria University's Integrated Library System provides a public catalogue through KOHA. Visitors can search by keyword, title, author, subject and other bibliographic fields and inspect catalogue information across the University's libraries. The catalogue can be browsed without signing into a BU user account, making it a practical educational discovery tool for independent learners.

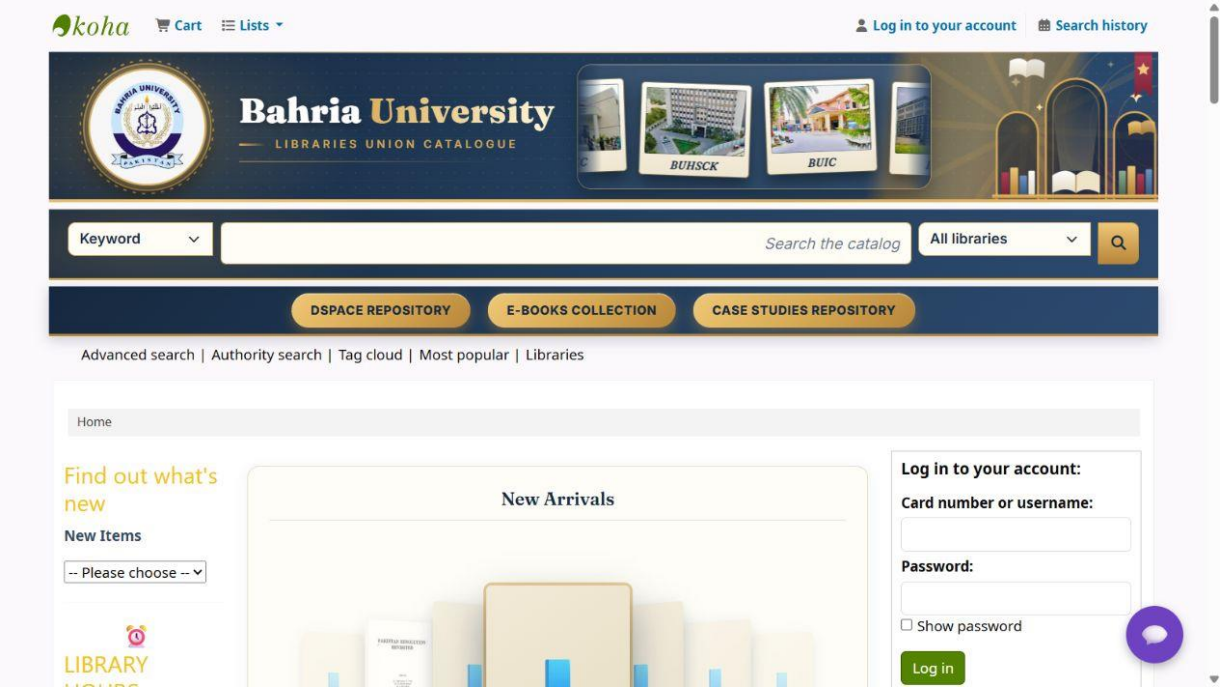


Figure 15: Public BU Libraries Union Catalogue interface, showing library search available alongside the separate account-login function. BU Libraries Union Catalogue

The screenshots in this section show the public interface as inspected on 31 October 2026. The 2025 institutional records and publications elsewhere in this evidence retain their stated dates.

3.2 Catalogue search without a University account

A search for Psychology returned bibliographic results in the public catalogue without a University account sign-in. The interface provides subject discovery, author information, search refinement and links to individual records, enabling an external learner to identify relevant materials before requesting any campus access that may be required.

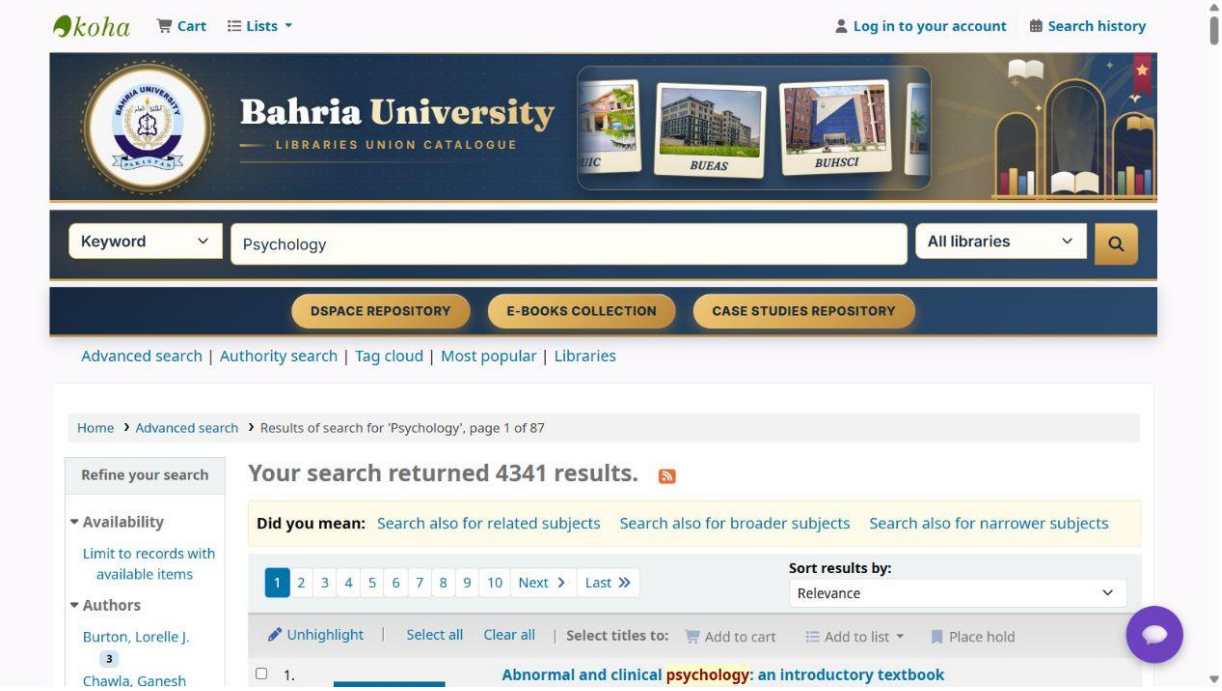


Figure 16: Original screenshot of an anonymous public catalogue search for Psychology. The separate login link remains visible while search results are displayed.

3.3 Free online learning and research resource links

BU's public catalogue brings together routes to educational content for users beyond the University. The Quick Links panel signposts open-access books and journals, free research papers and online courses and lectures, supporting self-directed learning, literature exploration and continued professional study.

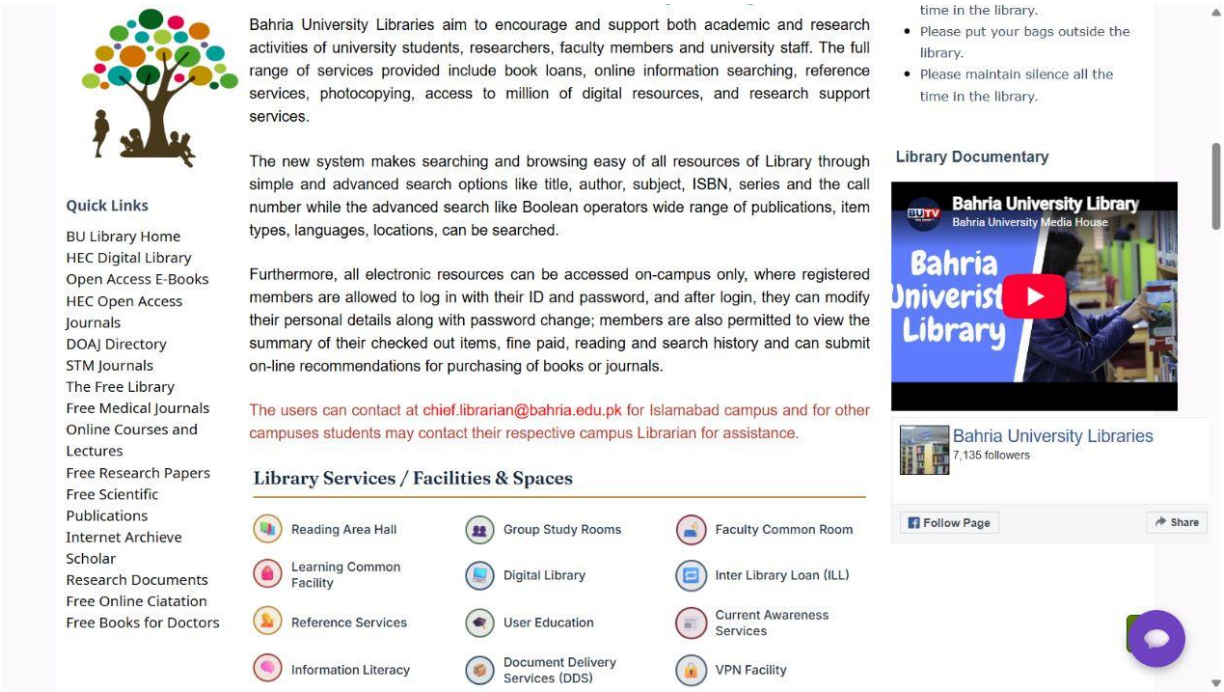


Figure 17: Original public catalogue screenshot showing the Quick Links panel, including open-access books and journals, online courses and lectures, and free research resources.

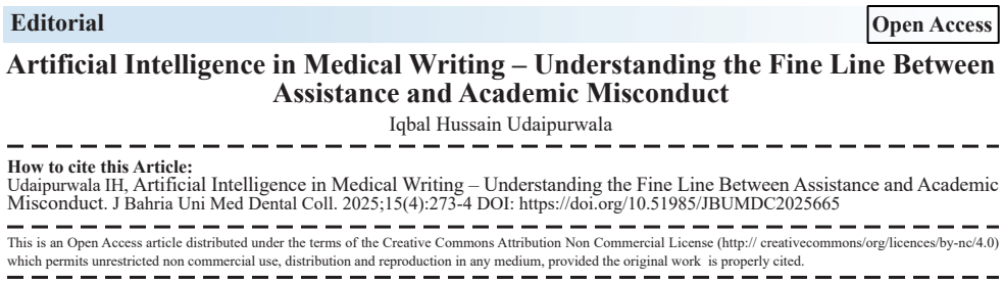
Learning resource	Public route signposted by BU	Educational purpose
Open-access books and journals	HEC open-access e-books; HEC open-access journals; DOAJ.	Reading, literature discovery and independent study.
Research literature	CORE and other free research-paper discovery links.	Locating open research papers and scholarly information.
Online courses and lectures	Academic Earth; BU's audio and video resource page links to Virtual University and MIT lecture collections.	Recorded instruction and self-paced learning.
Medical reading	Free Medical Journals and Free Books for Doctors.	Continued learning for external health professionals and researchers.

BU curated audio and video lecture resources

3.4 University-published open-access educational material

The Journal of Bahria University Medical and Dental College makes its published material available to everyone through its Open Access Policy. Readers may access and download full articles without a subscription or pay-per-view charge, and the policy permits reading, downloading, printing, searching and linking under the journal's stated terms. This is a direct University publishing route to free educational resources for external readers.

The journal supports continuing education in basic and clinical sciences. Its 2025 archive includes research, reviews, medical education articles and editorials. The examples below are publicly downloadable learning material published during 2025.



Editorial Open Access

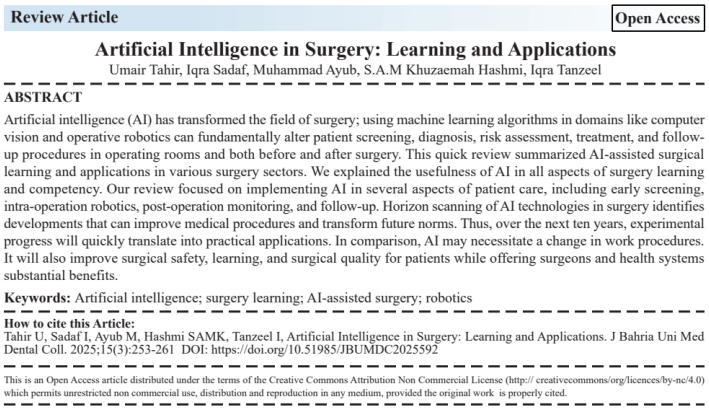
Artificial Intelligence in Medical Writing – Understanding the Fine Line Between Assistance and Academic Misconduct

Iqbal Hussain Udaipurwala

How to cite this Article:
Udaipurwala IH, Artificial Intelligence in Medical Writing – Understanding the Fine Line Between Assistance and Academic Misconduct. J Bahria Uni Med Dental Coll. 2025;15(4):273-4 DOI: https://doi.org/10.51985/JBUMDC2025665

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Figure 18: Original 2025 editorial extract identifying the title, author, citation and Open Access licence. Udaipurwala IH, J BUMDC 2025;15(4):273–274.



Review Article Open Access

Artificial Intelligence in Surgery: Learning and Applications

Umair Tahir, Iqra Sadaf, Muhammad Ayub, S.A.M Khuzaemah Hashmi, Iqra Tanzeel

ABSTRACT

Artificial intelligence (AI) has transformed the field of surgery; using machine learning algorithms in domains like computer vision and operative robotics can fundamentally alter patient screening, diagnosis, risk assessment, treatment, and follow-up procedures in operating rooms and both before and after surgery. This quick review summarized AI-assisted surgical learning and applications in various surgery sectors. We explained the usefulness of AI in all aspects of surgery learning and competency. Our review focused on implementing AI in several aspects of patient care, including early screening, intra-operation robotics, post-operation monitoring, and follow-up. Horizon scanning of AI technologies in surgery identifies developments that can improve medical procedures and transform future norms. Thus, over the next ten years, experimental progress will quickly translate into practical applications. In comparison, AI may necessitate a change in work procedures. It will also improve surgical safety, learning, and surgical quality for patients while offering surgeons and health systems substantial benefits.

Keywords: Artificial intelligence; surgery learning; AI-assisted surgery; robotics

How to cite this Article:
Tahir U, Sadaf I, Ayub M, Hashmi SAMK, Tanzeel I, Artificial Intelligence in Surgery: Learning and Applications. J Bahria Uni Med Dental Coll. 2025;15(3):253-261 DOI: https://doi.org/10.51985/JBUMDC2025592

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Figure 19: Original 2025 review extract identifying Artificial Intelligence in Surgery Learning and Applications as Open Acce ss; Tahir U and colleagues, JBUMDC 2025;15(3):253–261.

Official JBUMDC Open Access Policy
Public 2025 journal archive
Free full text of the 2025 medical writing editorial
Free full text of the 2025 surgery review

3.5 Independent community study material

Studydrive maintains an independent Bahria University course directory where students share notes, past papers, exam questions and lecture summaries, including for Software Engineering and Artificial Intelligence courses. It is listed for completeness as a supplementary discovery route and is not presented as a resource operated by the University.

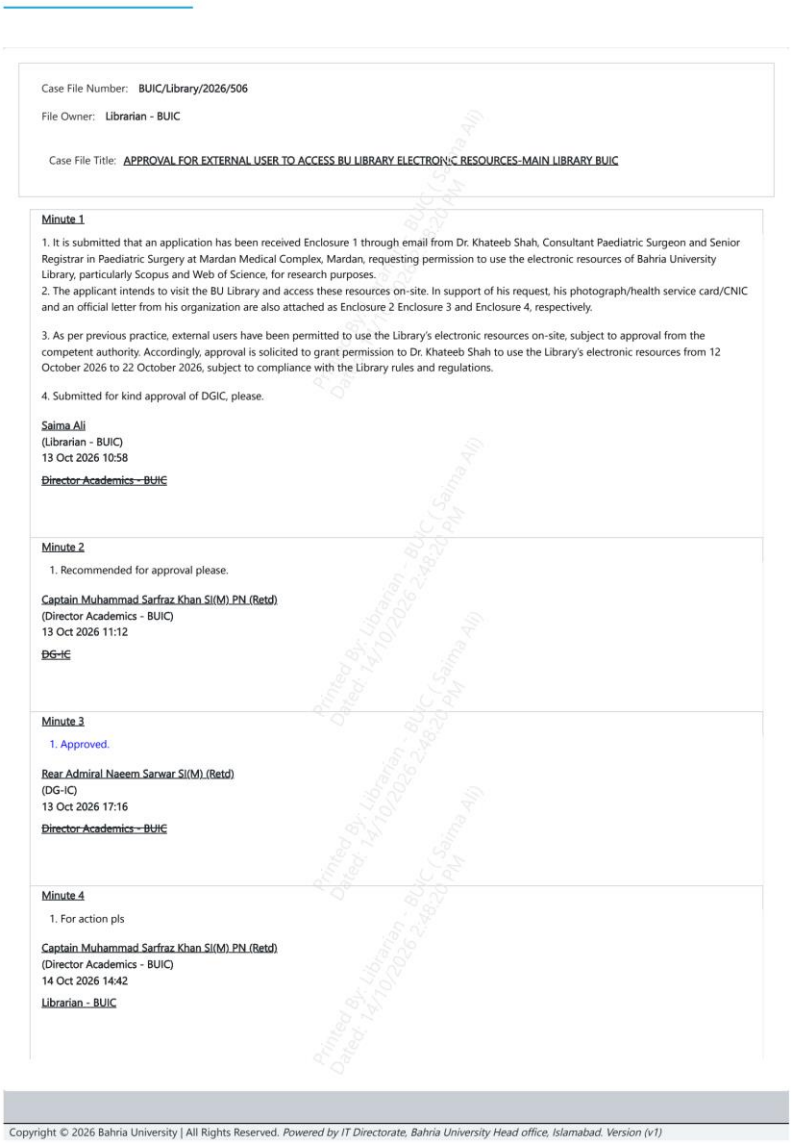
Independent Studydrive Bahria University course directory

4. Continuity of provision after 2025

The records in this section are dated 2026. They are presented separately from the 2025 evidence above to show that the same access routes remain in operation.

4.1 External research access, October 2026

In October 2026, BU approved on-site access to library electronic resources, particularly Scopus and Web of Science, for a consultant paediatric surgeon from Mardan Medical Complex for 12 to 22 October 2026. The case records that, as per previous practice, external users have been permitted to use the library's electronic resources on site subject to competent-authority approval.



Case File Number: BUIC/Library/2026/506

File Owner: Librarian - BUIC

Case File Title: APPROVAL FOR EXTERNAL USER TO ACCESS BU LIBRARY ELECTRONIC RESOURCES-MAIN LIBRARY BUIC

Minute 1

1. It is submitted that an application has been received Enclosure 1 through email from Dr. Khateeb Shah, Consultant Paediatric Surgeon and Senior Registrar in Paediatric Surgery at Mardan Medical Complex, Mardan, requesting permission to use the electronic resources of Bahria University Library, particularly Scopus and Web of Science, for research purposes.
2. The applicant intends to visit the BU Library and access these resources on-site. In support of his request, his photograph/health service card/CNIC and an official letter from his organization are also attached as Enclosure 2 Enclosure 3 and Enclosure 4, respectively.

3. As per previous practice, external users have been permitted to use the Library's electronic resources on-site, subject to approval from the competent authority. Accordingly, approval is solicited to grant permission to Dr. Khateeb Shah to use the Library's electronic resources from 12 October 2026 to 22 October 2026, subject to compliance with the Library rules and regulations.

4. Submitted for kind approval of DGIC, please.

Saima Ali
(Librarian - BUIC)
13 Oct 2026 10:58
~~Director Academics - BUIC~~

Minute 2

1. Recommended for approval please.

Captain Muhammad Sarfraz Khan SI(M) PN (Retd)
(Director Academics - BUIC)
13 Oct 2026 11:12
~~DG-IC~~

Minute 3

1. Approved.

Rear Admiral Naeem Sarwar SI(M) (Retd)
(DG-IC)
13 Oct 2026 17:16
~~Director Academics - BUIC~~

Minute 4

1. For action pls

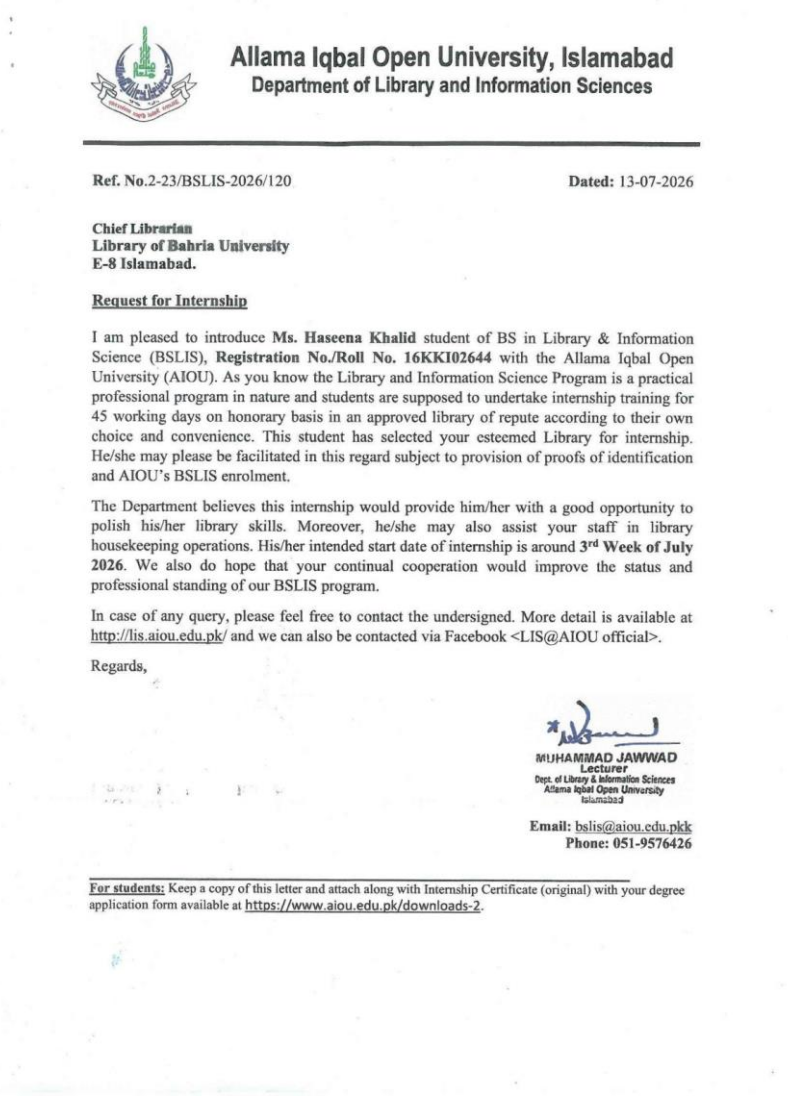
Captain Muhammad Sarfraz Khan SI(M) PN (Retd)
(Director Academics - BUIC)
14 Oct 2026 14:42
Librarian - BUIC

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Figure 20: Original October 2026 approval record for an external medical researcher, case BUIC/Library/2026/506.

4.2 External library and information science placement, 2026

BU Libraries also provide 45-day practical placements for Bachelor's and Master's Library and Information Science students enrolled at other universities. In a request dated 13 July 2026, Allama Iqbal Open University introduced a BS Library and Information Science student for a 45-working-day internship on an honorary basis. The placement was approved at BUIC Main Library in late July 2026.



Allama Iqbal Open University, Islamabad
Department of Library and Information Sciences

Ref. No.2-23/BSLIS-2026/120 **Dated:** 13-07-2026

Chief Librarian
Library of Bahria University
E-8 Islamabad.

Request for Internship

I am pleased to introduce **Ms. Haseena Khalid** student of BS in Library & Information Science (BSLIS), **Registration No./Roll No. 16KKI02644** with the Allama Iqbal Open University (AIOU). As you know the Library and Information Science Program is a practical professional program in nature and students are supposed to undertake internship training for 45 working days on honorary basis in an approved library of repute according to their own choice and convenience. This student has selected your esteemed Library for internship. He/she may please be facilitated in this regard subject to provision of proofs of identification and AIOU's BSLIS enrolment.

The Department believes this internship would provide him/her with a good opportunity to polish his/her library skills. Moreover, he/she may also assist your staff in library housekeeping operations. His/her intended start date of internship is around **3rd Week of July 2026**. We also do hope that your continual cooperation would improve the status and professional standing of our BSLIS program.

In case of any query, please feel free to contact the undersigned. More detail is available at http://lis.aiou.edu.pk/ and we can also be contacted via Facebook <LIS@AIOU official>.

Regards,

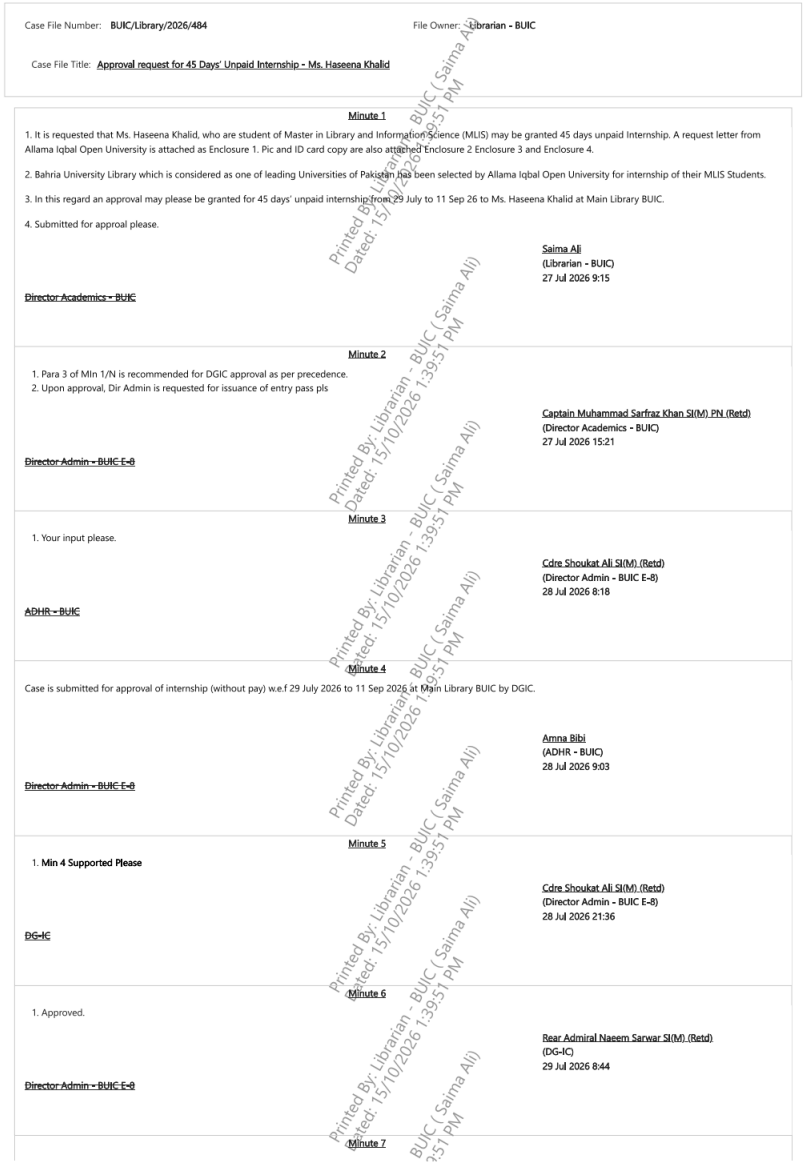
MUHAMMAD JAWWAD
Lecturer
Dept. of Library & Information Sciences
Allama Iqbal Open University
Islamabad

Email: bslis@aiou.edu.pkk
Phone: 051-9576426

For students: Keep a copy of this letter and attach along with Internship Certificate (original) with your degree application form available at https://www.aiou.edu.pk/downloads-2.

Figure 21: Original Allama Iqbal Open University request for internship dated 13 July 2026, for a BS Library and Information Science student.

4.3 Approval of the external placement, July 2026



Case File Number: BUIC/Library/2026/484 File Owner: Librarian - BUIC

Case File Title: Approval request for 45 Days' Unpaid Internship - Ms. Haseena Khalid

Minute 1

1. It is requested that Ms. Haseena Khalid, who are student of Master in Library and Information Science (MLIS) may be granted 45 days unpaid Internship. A request letter from Allama Iqbal Open University is attached as Enclosure 1. Pic and ID card copy are also attached Enclosure 2 Enclosure 3 and Enclosure 4.

2. Bahria University Library which is considered as one of leading Universities of Pakistan has been selected by Allama Iqbal Open University for internship of their MLIS Students.

3. In this regard an approval may please be granted for 45 days' unpaid internship from 29 July to 11 Sep 26 to Ms. Haseena Khalid at Main Library BUIC.

4. Submitted for approal please.

Saima Ali
(Librarian - BUIC)
27 Jul 2026 9:15

~~Director Academics - BUIC~~

Minute 2

1. Para 3 of MIn 1/N is recommended for DGIC approval as per precedence.
2. Upon approval, Dir Admin is requested for issuance of entry pass pls

Captain Muhammad Sarfraz Khan SI(M) PN (Retd)
(Director Academics - BUIC)
27 Jul 2026 15:21

~~Director Admin - BUIC E-8~~

Minute 3

1. Your input please.

Cdre Shoukat Ali SI(M) (Retd)
(Director Admin - BUIC E-8)
28 Jul 2026 8:18

~~ADHR - BUIC~~

Minute 4

Case is submitted for approval of internship (without pay) w.e.f 29 July 2026 to 11 Sep 2026 at Main Library BUIC by DGIC.

Amna Bibi
(ADHR - BUIC)
28 Jul 2026 9:03

~~Director Admin - BUIC E-8~~

Minute 5

1. **Min 4 Supported Please**

Cdre Shoukat Ali SI(M) (Retd)
(Director Admin - BUIC E-8)
28 Jul 2026 21:36

~~DG-IC~~

Minute 6

1. Approved.

Rear Admiral Naeem Sarwar SI(M) (Retd)
(DG-IC)
29 Jul 2026 8:44

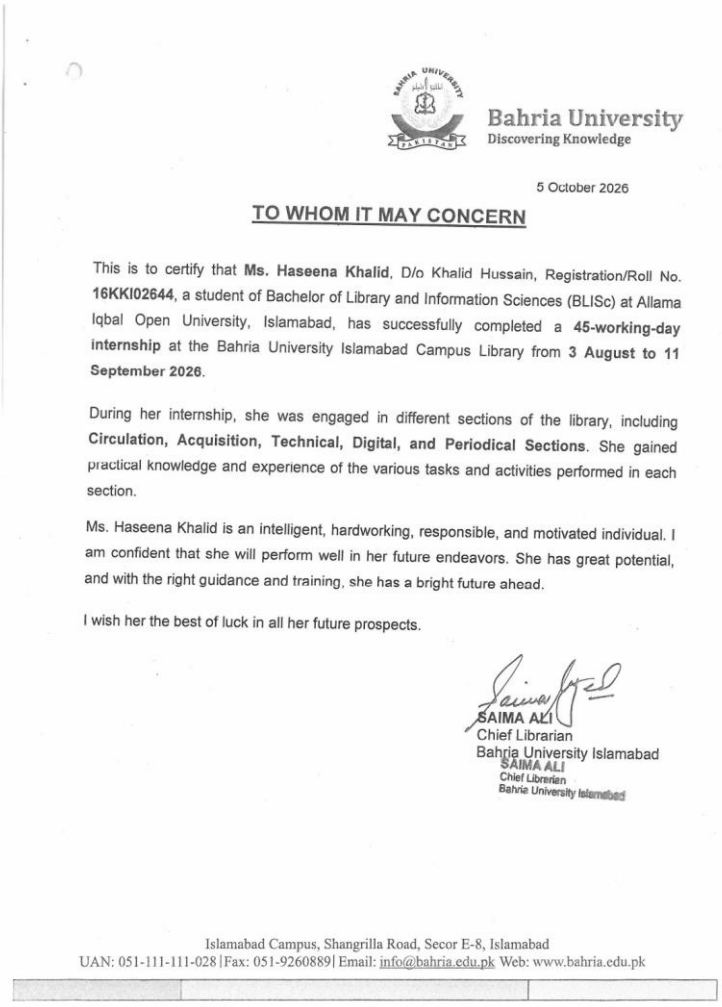
~~Director Admin - BUIC E-8~~

Minute 7

Figure 22: Original 2026 approval record for the 45-day external placement at BUIC Main Library, including competent-authority approval.

4.4 Completion of the external placement

The Chief Librarian's certificate dated 5 October 2026 confirms that the student completed the 45-working-day internship at the Bahria University Islamabad Campus Library from 3 August to 11 September 2026, working in the Circulation, Acquisition, Technical, Digital and Periodical sections. The follow-up record documents the authorised entry pass and the return of the temporary University card on completion.



Bahria University
Discovering Knowledge

5 October 2026

TO WHOM IT MAY CONCERN

This is to certify that **Ms. Haseena Khalid**, D/o Khalid Hussain, Registration/Roll No. **16KKI02644**, a student of Bachelor of Library and Information Sciences (BLISc) at Allama Iqbal Open University, Islamabad, has successfully completed a **45-working-day internship** at the Bahria University Islamabad Campus Library from **3 August to 11 September 2026**.

During her internship, she was engaged in different sections of the library, including **Circulation, Acquisition, Technical, Digital, and Periodical Sections**. She gained practical knowledge and experience of the various tasks and activities performed in each section.

Ms. Haseena Khalid is an intelligent, hardworking, responsible, and motivated individual. I am confident that she will perform well in her future endeavors. She has great potential, and with the right guidance and training, she has a bright future ahead.

I wish her the best of luck in all her future prospects.

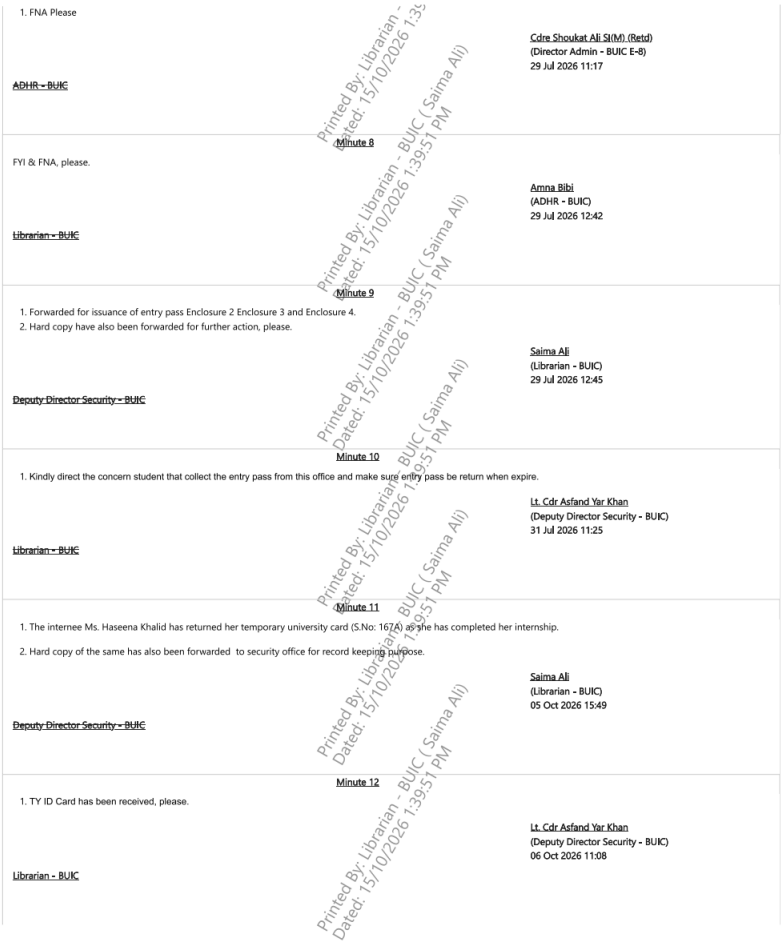
SAIMA ALI
Chief Librarian
Bahria University Islamabad

SAIMA ALI
Chief Librarian
Bahria University Islamabad

Islamabad Campus, Shangrilla Road, Secor E-8, Islamabad
UAN: 051-111-111-028 |Fax: 051-9260889| Email: info@bahria.edu.pk Web: www.bahria.edu.pk

Figure 23: Original completion certificate dated 5 October 2026 for the external BS Library and Information Science internshi p, 3 August to 11 September 2026.

4.5 Access administration and closure of the placement



1. FNA Please

~~ADHR - BUIC~~

Cdre Shoukat Ali SI(M) (Retd)
(Director Admin - BUIC E-8)
29 Jul 2026 11:17

Minute 8

FYI & FNA, please.

~~Librarian - BUIC~~

Amna Bibi
(ADHR - BUIC)
29 Jul 2026 12:42

Minute 9

1. Forwarded for issuance of entry pass Enclosure 2 Enclosure 3 and Enclosure 4.
2. Hard copy have also been forwarded for further action, please.

~~Deputy Director Security - BUIC~~

Saima Ali
(Librarian - BUIC)
29 Jul 2026 12:45

Minute 10

1. Kindly direct the concern student that collect the entry pass from this office and make sure entry pass be return when expire.

~~Librarian - BUIC~~

Lt. Cdr Asfand Yar Khan
(Deputy Director Security - BUIC)
31 Jul 2026 11:25

Minute 11

1. The internee Ms. Haseena Khalid has returned her temporary university card (S.No: 167A) as she has completed her internship.
2. Hard copy of the same has also been forwarded to security office for record keeping purpose.

~~Deputy Director Security - BUIC~~

Saima Ali
(Librarian - BUIC)
05 Oct 2026 15:49

Minute 12

1. TY ID Card has been received, please.

Librarian - BUIC

Lt. Cdr Asfand Yar Khan
(Deputy Director Security - BUIC)
06 Oct 2026 11:08

Printed By: Librarian - BUIC (Saima Ali)
Dated: 15/10/2026 1:39:51 PM

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Figure 24: Original follow-up record covering the external intern's access pass and recorded completion, with temporary card return noted on 5 October 2026.

5. Summary of evidence

The table maps each form of provision named in the requirement to the principal 2025 evidence in this document.

Form of provision	Principal 2025 evidence	Figures
Free access to campus facilities and equipment	Free external access route to BU Libraries; NDU request and approval for on-site Web of Science and Scopus access, 1 to 10 December 2025; University of Balochistan library visit, 10 February 2025; library infrastructure shown during the HEC review, 16 May 2025.	1 to 6
Free courses leading to a certificate	PMYSDP public call, January 2025; NAVTTC award of 30 seats, 5 March 2025; BU and NAVTTC MoU, 13 March 2025; 30 of 30 candidates completed and NAVTTC-certified.	7, 8 to 10, 11 to 14
Free access to campus facilities for certificate learners	All 30 NAVTTC candidates given full access to the University Library, computer laboratories, internet, digital resources and learning spaces.	8 to 10
Free access to online resources	Public catalogue and curated open-access books, journals, research papers and recorded lectures; JBUMDC open-access articles published in 2025.	15 to 19

Taken together, the records show that Bahria University provides free access to its library, computers and electronic resources for approved external users, delivered free certified training in 2025 to 30 young people who were given full use of its library and computer laboratories, and makes its catalogue, curated open learning resources and own journal freely available online. The 2026 records confirm that these routes continue to operate.