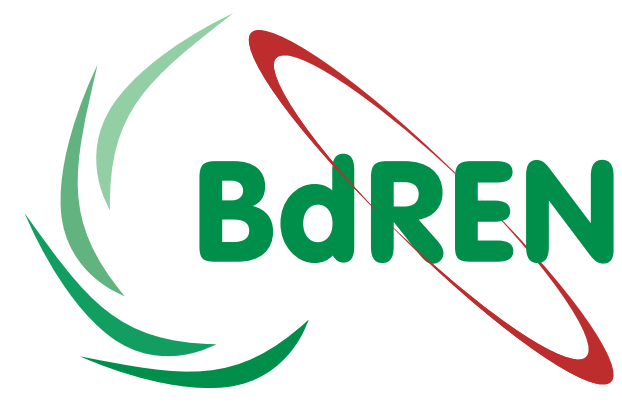


BdREN Annual Report 2024-2025



ANNUAL REPORT 2024-2025



Bangladesh Research and Education Network

BdREN



Level-5, Navana HR Tower-2, 205/1 Bir Uttam
Mir Shawkat Sarak, Tejgaon - Gulshan Link Road,
Niketon, Dhaka-1208



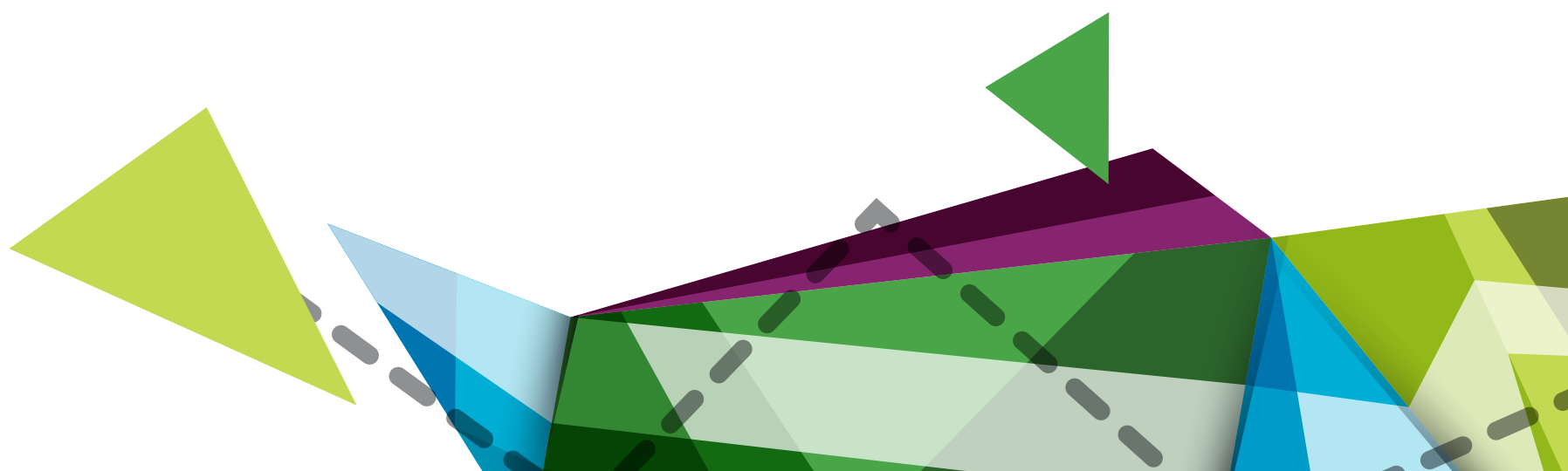
+880-9666-223736



noc@bdren.net.bd



www.bdren.net.bd



“We believe true success lies not only in milestones achieved, but in the lasting value, confidence, and opportunities we create for our members every day”

Mohammad Tawrit

**Mohammad Tawrit
CEO, BdREN**

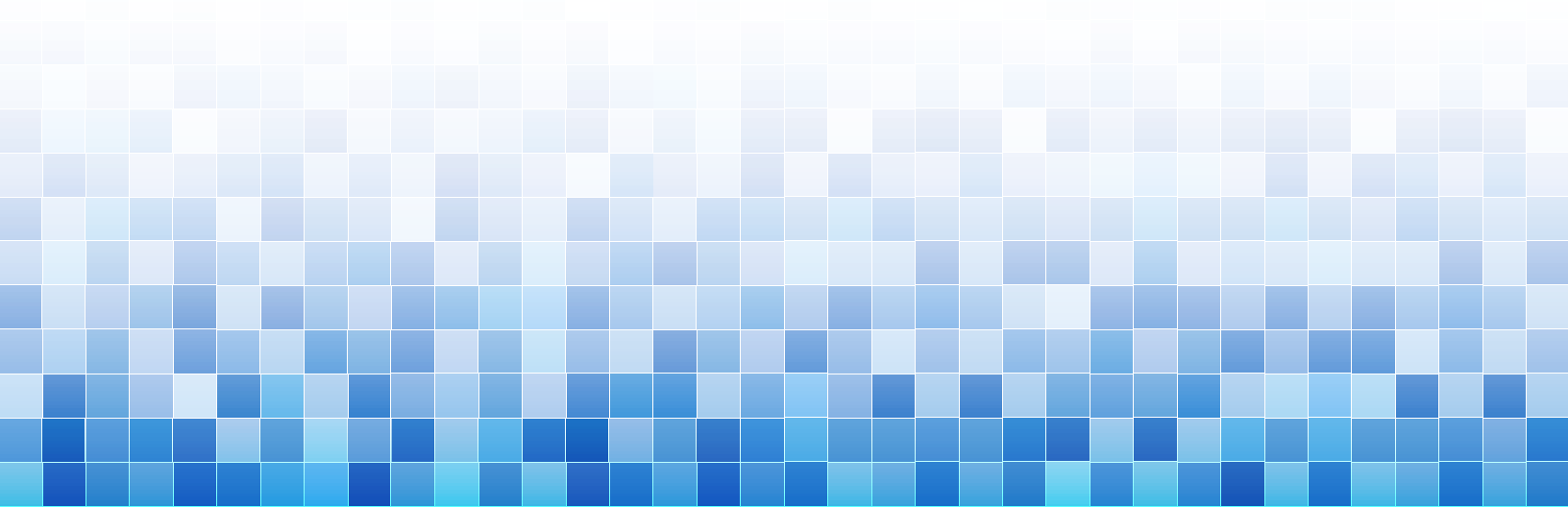


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Message - Chairperson



Prof. Dr. S M A Faiz

Chairperson, BdREN Trust &
Chairman, University Grants Commission of Bangladesh

“The expansion of services, including enhanced digital tools for academia, wider eduroam deployment across international airports, and increased network capacity, underscores BdREN’s commitment to meeting the evolving needs of its member institutions.”

It gives me great pleasure to present this message as the Chairperson of the Board of Trustees of Bangladesh Research and Education Network (BdREN), as we mark another significant milestone in our journey.

The past year has been one of resilience, consolidation, and forward-looking growth. I am particularly pleased to note that BdREN has achieved a positive net financial outcome for the first time since its inception, despite the inherent challenges of high capital investments and depreciation. This achievement reflects not only sound financial stewardship but also the collective dedication of the management, staff, and stakeholders.

The Board has continued to provide strategic guidance to ensure that BdREN remains aligned with its long-term vision of enabling world-class research and education connectivity. We are encouraged by the organization’s growing emphasis on innovation, particularly in the development of indigenous software solutions such as the “Orbit” platform, which has already gained international recognition. Such initiatives demonstrate BdREN’s potential to contribute beyond connectivity and position itself as a knowledge and technology leader within the regional and global NREN community.

The expansion of services, including enhanced digital tools for academia, wider eduroam deployment across international airports, and increased network capacity, underscores BdREN's commitment to meeting the evolving needs of its member institutions. The Board also acknowledges the organization's agility in maintaining international connectivity and operational continuity during unforeseen disruptions, reflecting both technical competence and institutional maturity.

BdREN's active engagement in regional collaborations and initiatives within the Asia-Pacific research and education network ecosystem further strengthens its strategic position. These efforts not only enhance capacity within the country but also reinforce Bangladesh's presence in the global research and education community.

As we look ahead, the Board remains focused on ensuring sustainable growth, strengthening governance, and supporting initiatives that enhance value for our stakeholders. Emphasis will continue on diversification of services, development of digital content and applications, and fostering partnerships that contribute to long-term institutional resilience.

On behalf of the Board of Trustees, I extend my sincere appreciation to the Chief Executive Officer, the management team, and all employees for their dedication and hard work. I also convey my gratitude to our member institutions, partners, and stakeholders for their continued trust and support.

Together, we remain committed to advancing BdREN's mission and shaping a stronger future for research and education in Bangladesh.

Prof. Dr. S M A Faiz
Chairperson, BdREN Trust &
Chairman, University Grants Commission of Bangladesh

Message- Vice-Chairperson



Prof. Dr. Md. Saidur Rahman

Vice-Chairperson, BdREN Trust &
Member, University Grants Commission of Bangladesh

“Over the past year, BdREN has demonstrated remarkable resilience and adaptability in navigating operational and financial challenges. The attainment of a positive financial outcome is a significant milestone that reflects the organization’s growing maturity and prudent management”

It is a privilege to share this message as the Vice-Chairperson of the Board of Trustees of Bangladesh Research and Education Network (BdREN), reflecting on a year marked by meaningful progress and important achievements.

Over the past year, BdREN has demonstrated remarkable resilience and adaptability in navigating operational and financial challenges. The attainment of a positive financial outcome is a significant milestone that reflects the organization’s growing maturity and prudent management. This achievement is the result of the collective efforts of the management team, the guidance of the Board, and the unwavering support of our stakeholders. Also, the steady growth in the Operating Revenue over non-Operating Revenue and the diversification of Revenue Earning indicates better sustainability.

I am particularly encouraged by BdREN’s continued focus on innovation and service diversification. The development of in-house applications, including the “Orbit” platform, and the exploration of Artificial Intelligence-based solutions highlight a strategic shift towards creating sustainable value through digital services. These initiatives not only strengthen BdREN’s service portfolio but also position it as a forward-looking NREN within the regional ecosystem.

The expansion of network infrastructure, enhancement of connectivity, and extension of services such as eduroam across multiple international gateways demonstrate BdREN's commitment to improving accessibility and reliability for its member institutions. The organization's ability to respond effectively to unforeseen disruptions in international connectivity further reflects its technical strength and operational readiness.

I particularly appreciate the high Quality BdREN services expressed in terms of "High Availability" and low "Packet Loss". It is well-understood why BdREN services carry such high values to its members.

BdREN's growing engagement in regional collaborations and knowledge-sharing initiatives is also commendable. Through active participation in Asia-Pacific forums and partnerships with peer organizations, BdREN continues to contribute to and benefit from the global research and education networking community.

As we move forward, it is important to sustain this momentum by focusing on strengthening institutional capacity, enhancing service quality, and ensuring long-term sustainability. Continued emphasis on innovation, strategic partnerships, and efficient resource utilization will be key to achieving these objectives.

I would like to extend my sincere appreciation to the Chairperson, fellow Board members, and the entire BdREN team for their dedication and commitment. I also express my gratitude to our member institutions and partners for their continued trust and collaboration.

Together, we look forward to building on these achievements and advancing BdREN's mission in the years ahead.

Prof. Dr. Md. Saidur Rahman
Vice-Chairperson, BdREN Trust &
Member, University Grants Commission of Bangladesh

Message from the CEO



Mohammad Tawrit

Chief Executive Officer, BdREN Trust

Again, I am taking the privilege to put my pen here to script the CEO's note as BdREN just finished the seventh year of its operation under the stewardship of BdREN Trust. I am proud to highlight that this is the first time BdREN emerged with positive "net profit" circumventing a high cost of depreciation. It's an honor for me as the head of executive of this organization. For this achievement I will thank my board members who put all their trust on me and helped me with their guidance. Also, I express my gratitude to all my stakeholders for their patience and belief on BdREN during its perilous journey accompanying both pains and pleasures.

One of the phenomenal achievements that I would like to highlight here is BdREN's continuous development in the software arena. Among other noteworthy applications, "Orbit", BdREN's in-house event management application, has been alight and placed in the public portal. Asia Pacific Advanced Network (APAN) became Orbit's first commercial user and has decided to continue with it to manage the biannual APAN events. Along with that some other ground-breaking applications, developed leveraging the power of Artificial Intelligence, are on the pipeline.

As you are aware that BdREN's Zoom service is the de-facto choice for the academia for conducting online classes. To help academia for honing their language skill while writing their research papers, BdREN is now providing "Grammarly" application at an affordable price. Aside from assessing and correcting documents, the application will provide uniformity and similarity checking facility for the users. In course of time, we are planning to make applications like QuillBot and MatLab available for our members. We are working hard for breaking the monopoly of the plagiarism checking software application in this community and looking for having a more flexible and cost-effective solution.

I brought to your notice before that BdREN became the second NREN in Asia-Pacific region to provide eduroam service in its international airport in HSIA, Dhaka. And Last year I committed that BdREN is going to extend this service to other international airports in the country as well. I am pleased to inform you that we have kept our commitment and now both "Hazrat Shah Amanat International Airport" in Chittagong and "Sylhet Osmani International Airport" are under eduroam coverage.

With the enrichment and strengthening of the campus network in the universities and with expansion of BdREN's network through incorporating new universities within its reach, the demand for internet is soaring higher and higher. BdREN's aggregate Internet bandwidth demand has surged to more than 25Gbps during this financial year. Moreover, BdREN convinced Facebook in installing the latter's FNA Cache Server in its premises. This will provide BdREN the edge on other providers in delivering high quality and low-cost internet services.

One of the notable achievements was establishment of our 1 Gbps GREN connectivity with Trans-Eurasia Information Network (TEIN) in quickest possible time through SingAREN in March 2025 after the connectivity was snapped by National Knowledge Network (NKN) of India without any prior notification in October 2024.

To increase the availability of the network in places other than Dhaka, BdREN has established tertiary connectivity with the distribution PoPs through Fiber@Home. This connectivity will increase the reliability of BdREN services and will provide the backup when both BdREN's primary [BdREN's own network] and secondary [BTCL] connectivity will be severed.

As before BdREN's role in supporting regional Asia-Pacific forum has gained traction through its active participation in the biannual APAN events and its contribution in developing the "cost sharing model" of Asi@Connect2 project. In collaboration with LEARN, BdREN has conducted workshops in home and abroad on the application of Artificial Intelligence under AP-GAINED project. Aside from that BdREN conducted an international training program on "Network Automation" in Cox's Bazar with funding from Asi@Connect project. In addition to that BdREN hosted an IPv6 Certification Program conducted by APNIC in its premises.

A number of "Awareness Development Programs" and "Capacity Development Programs" were organized to aware BdREN members about its offered service and to enhance the capacity of the professionals in its member organizations.

We are still trying to bring e-Books from seven renowned publishers into our service portfolio. It's a failure from my part that I couldn't make it happen starting the process two years back. If things become a bit favorable, I wish I would be able to deliver it shortly with collaboration of the HEAT project. As you are aware that already BdREN is subscribing three prominent journals namely IEEE, emerald and JSTOR. BdREN is planning to enrich its journal portfolio in coming days.

Our Data Center services like IaaS and PaaS have been running almost drawing our full capacity. GPU based services are highly popular and we are planning to give appropriate focus on enhancing our GPU capacity.

Considering content as the future for sustainability of NRENs we are paying our main focus on in-house software applications like conference management system, AI based applications, financial management, Human Resource Management and other similar applications. We are fully aware that it is not possible for us to build all applications by ourselves. Hence, we are focused on procuring licensed applications, which will be demanding for the academia and researcher, at an affordable price leveraging on economy of scale.

Finally, I appreciate the continuous support and unwavering trust of my Board Members, BdREN Officials and all the member organizations in helping BdREN moving forward and in stamping its footprint in the local and international community.

Mohammad Tawrit
Chief Executive Officer
BdREN Trust



Standout Achievements

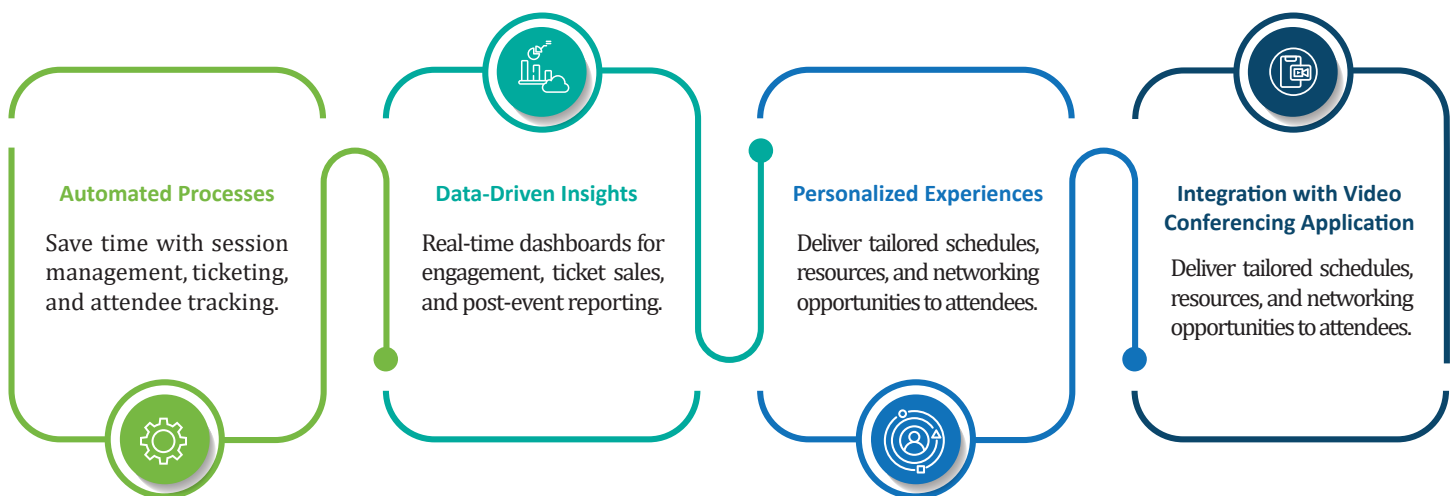
Establishing Footprint in the Software Industry



Event Management Application- Orbit

With months of efforts BdREN, in collaboration with Global Support System [GSS] Malaysia has developed “ORBIT” event management application which helps simplify event planning, execution, and analysis for in-person, virtual, and hybrid events.

Why choose Orbit event management solution?



In APAN59 event held in Yokohama, Japan, APAN used this application with fullest satisfaction from the users. It is available under <https://orbit.bdren.net.bd/en/events> where from anyone can register and subscribe this application for a particular event. It is expected that APAN will carry on using this application to conduct its biannual event.

Attaining Positive Net Surplus

BdREN used to incur losses due to failing to overcome huge amount of depreciation cost for the Assets which were received from Higher Education Quality Enhancement Project. It's a significant achievement for BdREN that this year BdREN could overcome the depreciation cost with its higher revenue to make positive "Gross" and "Net" Surplus.

BdREN's Financial Growth

From FY 2019-20 to FY 2024-25

Amount In Crore BDT



Diversification in Revenue Earning

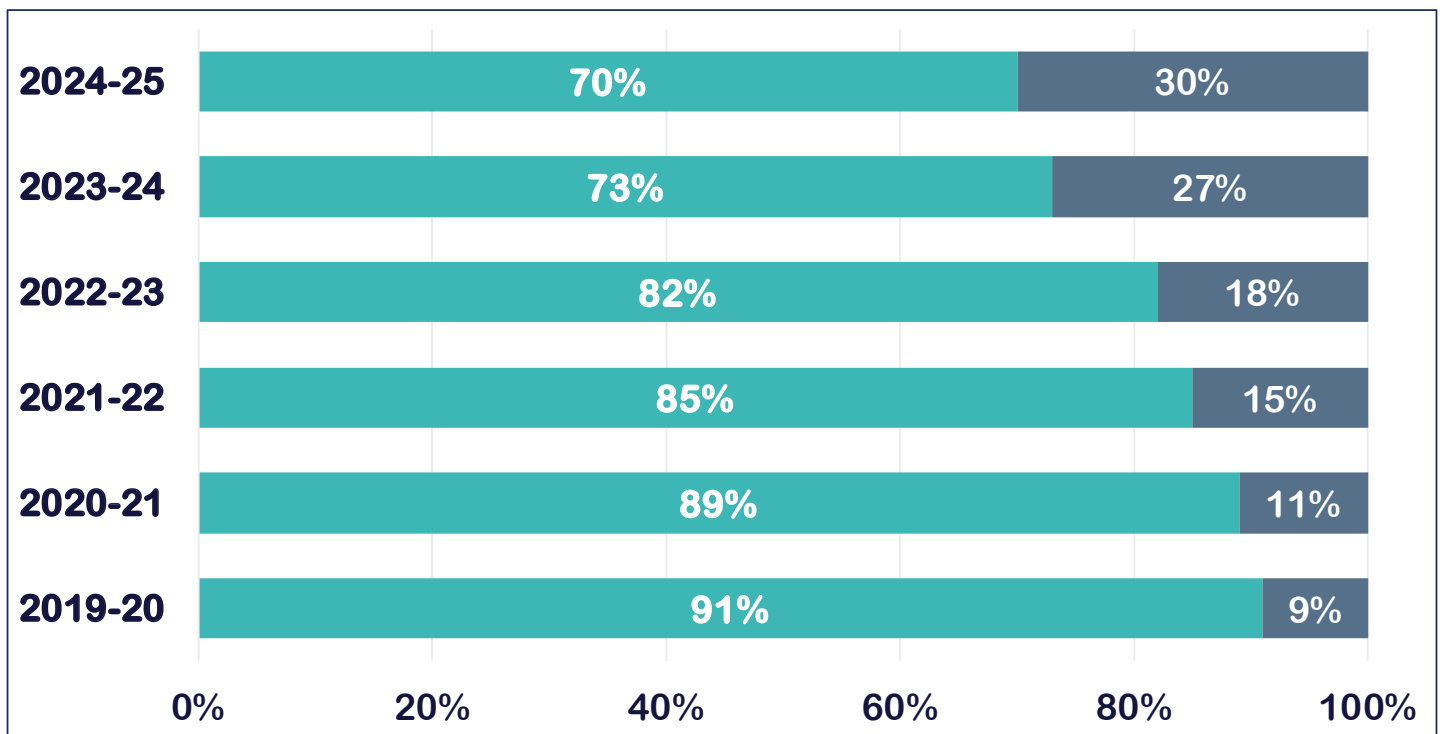
Over the past six financial years, a clear shift can be observed in the composition of BdREN's revenue and service base.

In 2019–20, public universities accounted for a dominant 91%, while other segments contributed only 9%. Over time, the share of public universities has gradually declined to 70% in 2024–25.

At the same time, the contribution from other segments has steadily increased from 9% to 30%. This category includes non-government universities, research institutes, and emerging revenue streams such as software development and related services.

This trend reflects a strategic diversification of BdREN's business model, reducing reliance on public universities and expanding its footprint across a broader range of institutions and service domains. It demonstrates BdREN's evolving role as a multi-dimensional service provider and its progress towards long-term sustainability.

Percentage of Revenue shares [Public Universities vs Other Institutes]



Public Universities
Revenue from Public Universities
This Revenue includes the income generated from all the public universities in Bangladesh

Other Institutes
Revenue from other Institutes
This Revenue includes income generated from any institutes other than the public universities

The above Data vindicates the diminishing dependence on the revenues from Public Universities which is a good sign of attaining resilience.

Steady Growth in Operating Income

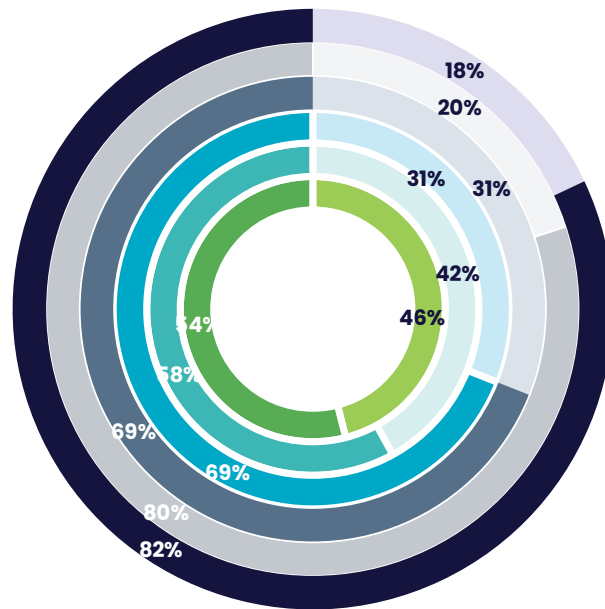
Over the past six financial years, a clear and consistent shift can be observed in the organization's revenue composition.

In 2019-20, operating income accounted for 54%, while non-operating income stood at 46%. Since then, operating income has shown steady growth, increasing to 58% in 2020-21 and further rising to 69% in both 2021-22 and 2022-23.

This positive trend continued significantly in the following years, reaching 80% in 2023-24 and culminating to 82% in 2024-25. Correspondingly, non-operating income declined to 18% in the latest financial year.

This progression reflects a strong shift towards core operational sustainability, indicating improved efficiency and reduced dependence on non-operating sources.

This is indeed a significant achievement and a key milestone for Bangladesh Research and Education Network (BdREN), clearly demonstrating that the organization is on the right track in strengthening its core business and ensuring sustainable growth over the years.



Legends:

Financial Year	Operating	non-Operating
2019-20	54%	46%
2020-21	58%	42%
2021-22	69%	31%
2022-23	69%	31%
2023-24	80%	20%
2024-25	82%	18%

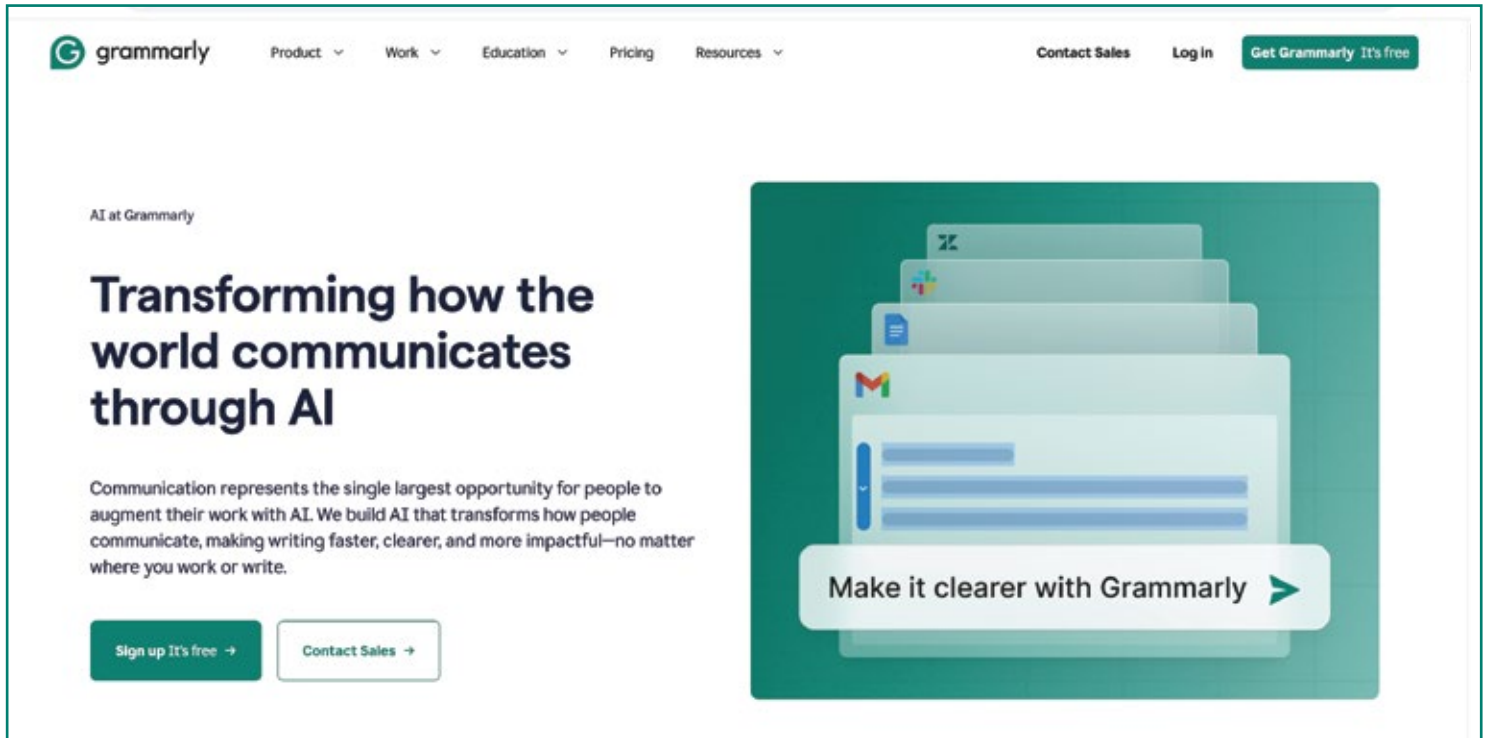
**Notes: 2024-25 data is the Budgeted one

Flagship Activities



Signing Contract with Grammarly

BdREN signed an agreement with “Grammarly” on 30 June 2025 to feed its member organizations with the application premier licenses at an affordable cost.



The premier license shall have features like linguistic suggestion on documents, assessing the standard of document with some objective scoring, uniformity checking to reflect whether the document is self-originated or AI generated and similarity checking revealing the similarity with already published documents. The service is being offered both on an individual licensee (student, faculty member or researcher) or on an institution basis. The latter licensing supports a bulk purchase.


Extending eduroam to Chittagong Hazrat Shah Amanat International Airport and Sylhet Osmani International Airport


In continuation of BdREN's eduroam service in public places, BdREN is pleased to announce that during this financial year two more international airports in the form of Chittagong and Sylhet have been brought under eduroam coverage. Travelers passing through Sylhet and Chittagong can now benefit from the same high-speed, reliable connectivity.



It is to be mentioned that the initial launch of eduroam at Hazrat Shahjalal International Airport (HSIA) in Dhaka on May 31, 2023, marked a groundbreaking moment for Bangladesh, establishing the country as a regional leader in academic connectivity. The coverage of WiFi signal has been extended by hiring a second operator. Now the signal's availability is more widespread than it was before.



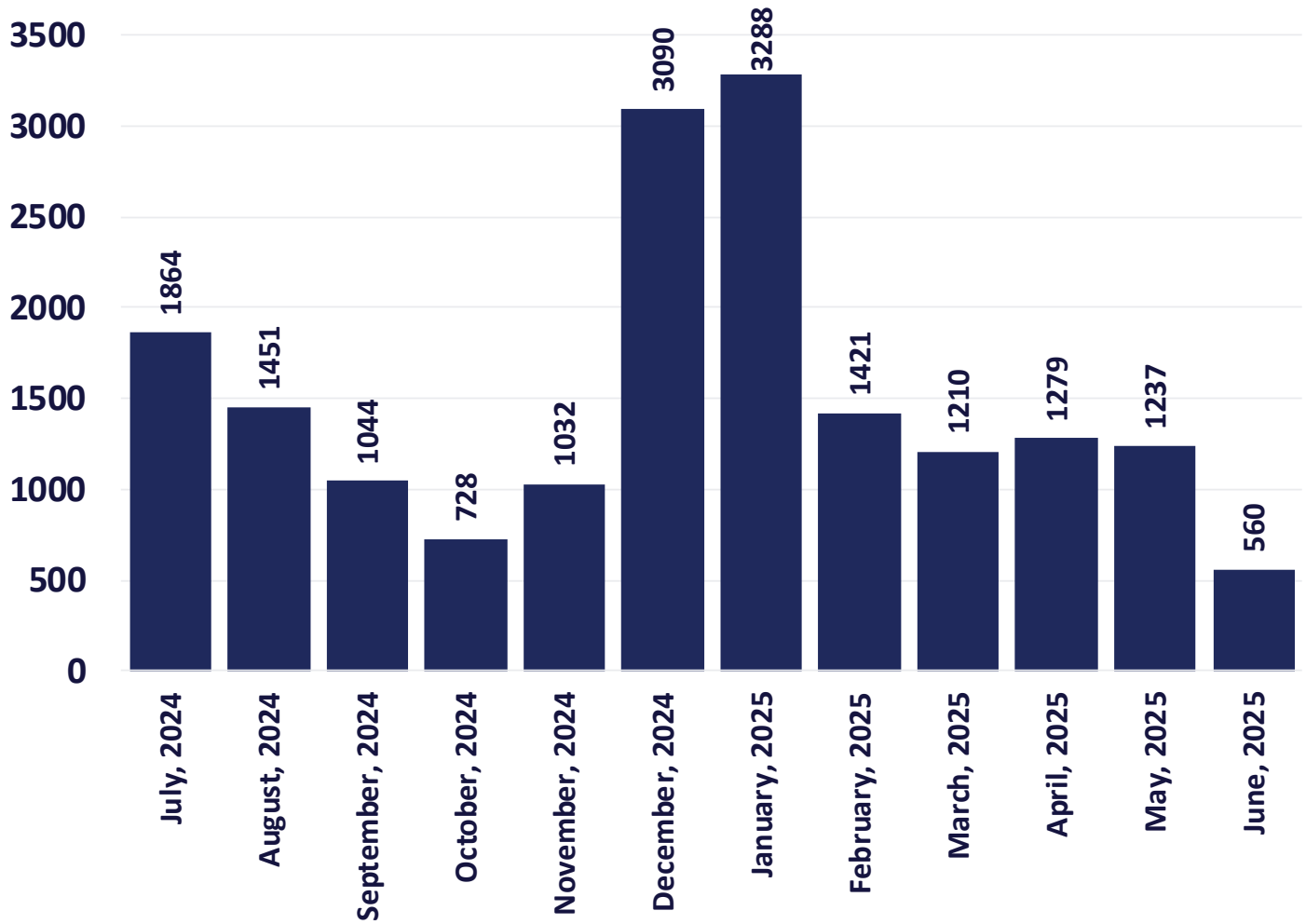
 eduroam-enabled Airports

 Pending Local Airports

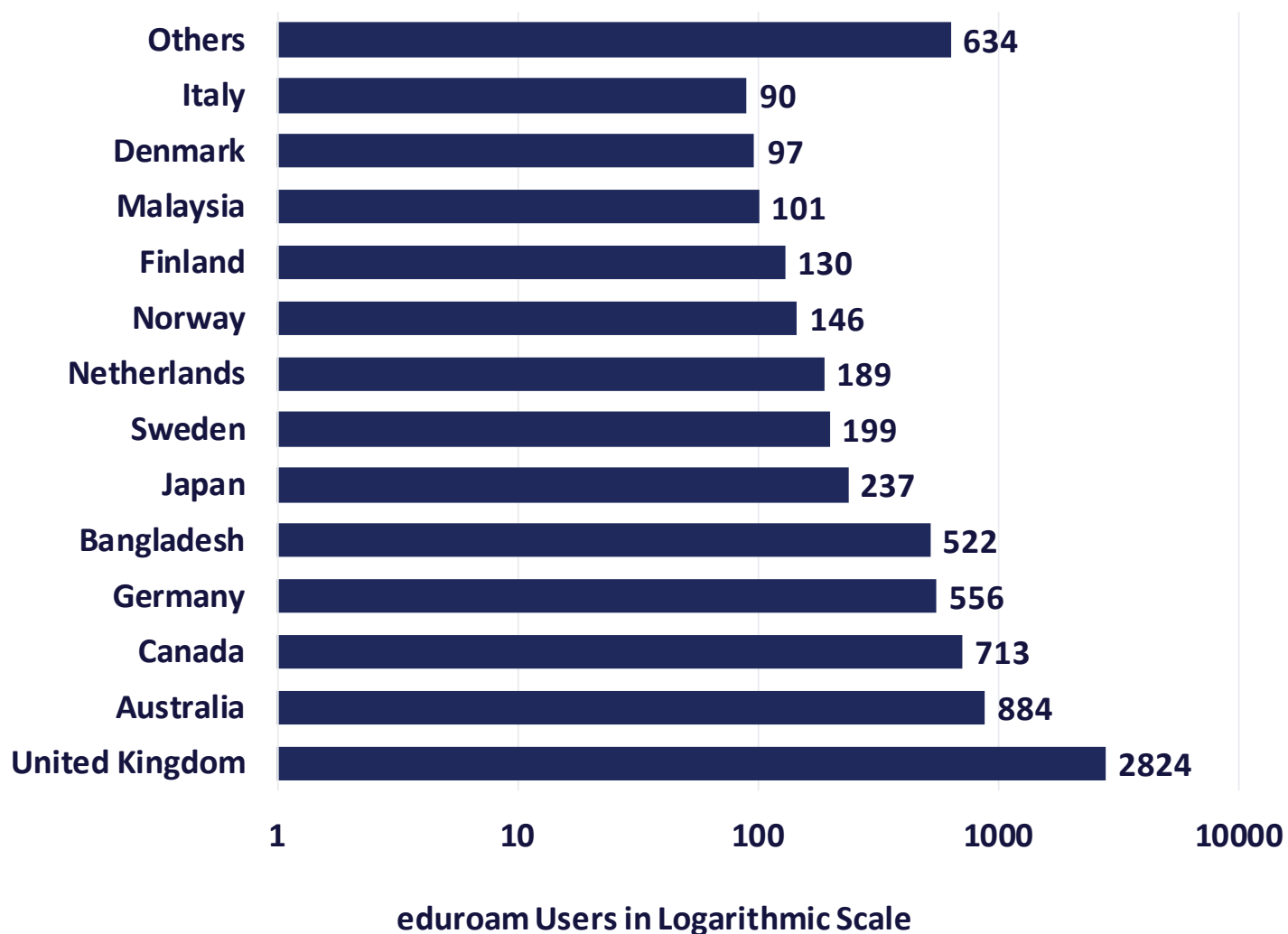
eduroam Status in Airports in Bangladesh

With the recent expansion, BdREN, in collaboration with Aamra Networks Limited and the Civil Aviation Authority of Bangladesh (CAAB), has extended eduroam's coverage to include airport lounges, previously uncovered WiFi areas, and EBL lounges at HSIA. Last year's user authentication statistics is portrayed below:

Monthly Authentication Statistics: User-wise



Monthly Authentication Statistics: Country-wise



With the success at international hubs, BdREN aims to roll out eduroam services to local airports in Bangladesh, further extending the reach of this global education network.



Developing the Cost Sharing Model for Asi@Connect Phase-2

Asi@Connect project with participation of 22 economies under Asia-Pacific region started on 01 September 2016. And after a series of extensions the project is finally slated to expire on 31 August 2025. Proposal has been framed and submitted for having EU Grants for the next phase of the project coined as Asi@Connect2. One of the most critical components of Asi@Connect2 was that the proposed cost is to be shared by the participating countries.



The 16th Governors' Meeting held on 16-18 October 2024 in Seoul, South Korea, was convened to address the issues related to the future of Asi@Connect project, especially focusing on the financing of the next phase, as the present phase was destined to expire on August 2025. During the event, BdREN's CEO, Mohammad Tawrit, on behalf of the Task Force Team, which comprised of representatives from different NRENs and TEINCC, was invited to present the "Cost Sharing Model" for Asi@Connect Phase-2.



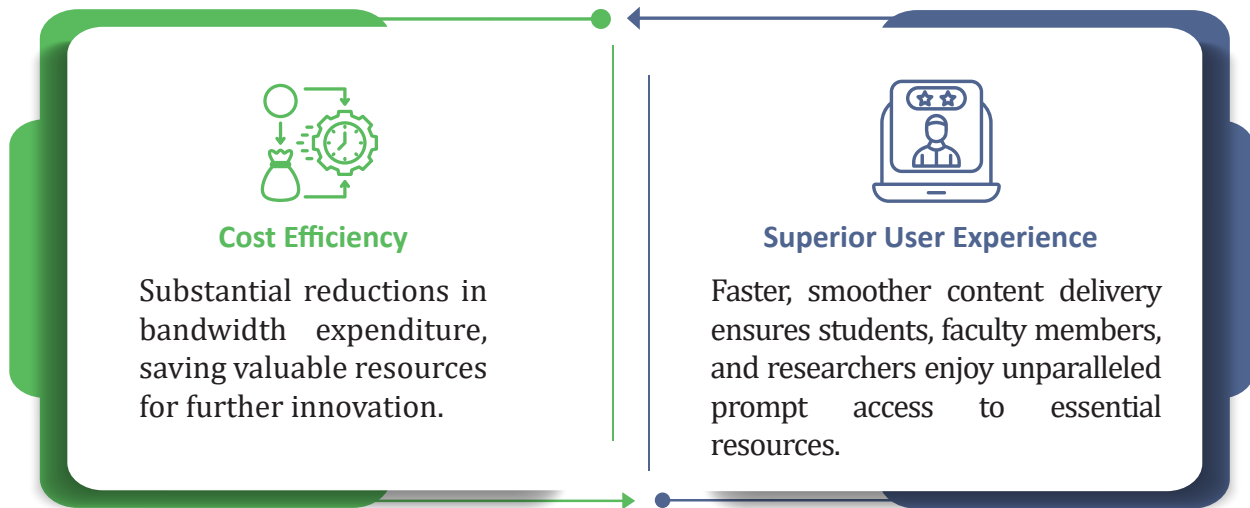
The proposal was well-appreciated and was unanimously accepted by the Governors from all the participating countries.

Establishing 40 Gbps FNA Cache

BdREN achieved an exciting milestone as its **Facebook Network Appliances (FNA) Cluster** went live on 23 Dec 2024. The cluster was made fully operational, and has been actively serving traffic across BdREN network. This achievement marks a significant leap forward in enhancing digital performance and efficiency for BdREN member institutes. It is worth mentioning that this FNA Cache is an addition to BdREN's already established 4Gbps Google Cache.

With the activation of this FNA cluster leveraging its impressive **40 Gbps cache server capacity**, BdREN is now better equipped than ever to deliver seamless, high-speed Facebook content to the end-users.

Why This Matters



This milestone reflects BdREN's unwavering commitment to supporting the digital transformation of Bangladesh's higher education sector. By deploying cutting-edge caching infrastructure, BdREN is facilitating its members to achieve a better browsing experience.

It reflects BdREN's dedication in driving innovation and enabling the academic community to be connected to a smarter network.

Tertiary Connectivity to distribution PoPs

Since long BdREN has been providing the Internet connectivity services to the higher education institutes as a single service provider with close to 4 nines availability. This was made possible by establishing a VPN connectivity with each individual university through a second operator [BTCL]. To maintain its existing standard and to enhance the availability, BdREN decided to connect its main distribution PoPs through VPN using another NTTN operator [Fiber@Home]. The following connectivities were materialized during the last financial year:

- Rajshahi University PoP => 1Gbps connectivity matured on 29 May 2025.
- Bangladesh Agricultural University PoP => 1Gbps connectivity established on 02 June 2025.
- Chittagong University PoP => 1Gbps connectivity implemented on 25 August 2024.

In the process, Shahjalal University of Science and Technology and Khulna University of Engineering and Technology have been planned to bring under this "Tertiary" connectivity at the soonest.

Also, BdREN is planning to bring Starlink connectivity to connect the island campuses and as a backup for the universities to mitigate the fallout of disasters in the worst possible case.



BdREN's Mission, and Actions towards achieving that

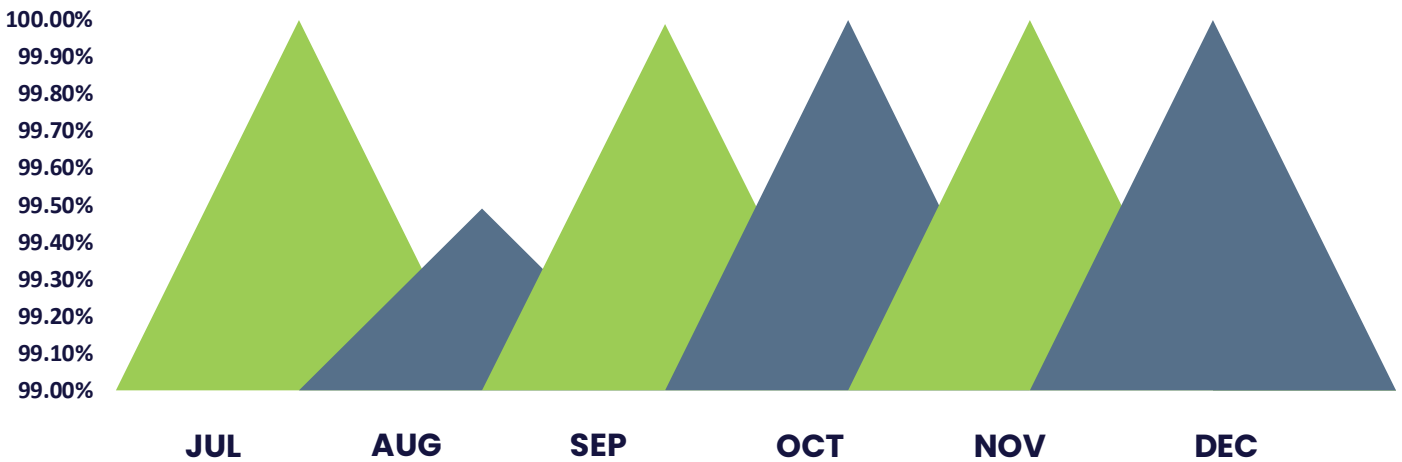
Mission

To turn BdREN into an iconic NREN in terms of helping Researchers and educationists in doing their research, through quality access to network and content delivery while addressing their needs in an agile, innovative, collaborative and caring manner.

Aligning with the Mission, three aspects that were targetted are: 1) Highest Availability, 2) Enough Spare Bandwidth, and 3) Enriched Network Content.

Availability of Network in the universities [Month-wise]

Monthly Availability Chart: Jul - Dec, 2024



Monthly Availability Chart: Jan-Jun, 2025



2024-25

Yearly Average uptime: **99.91%**

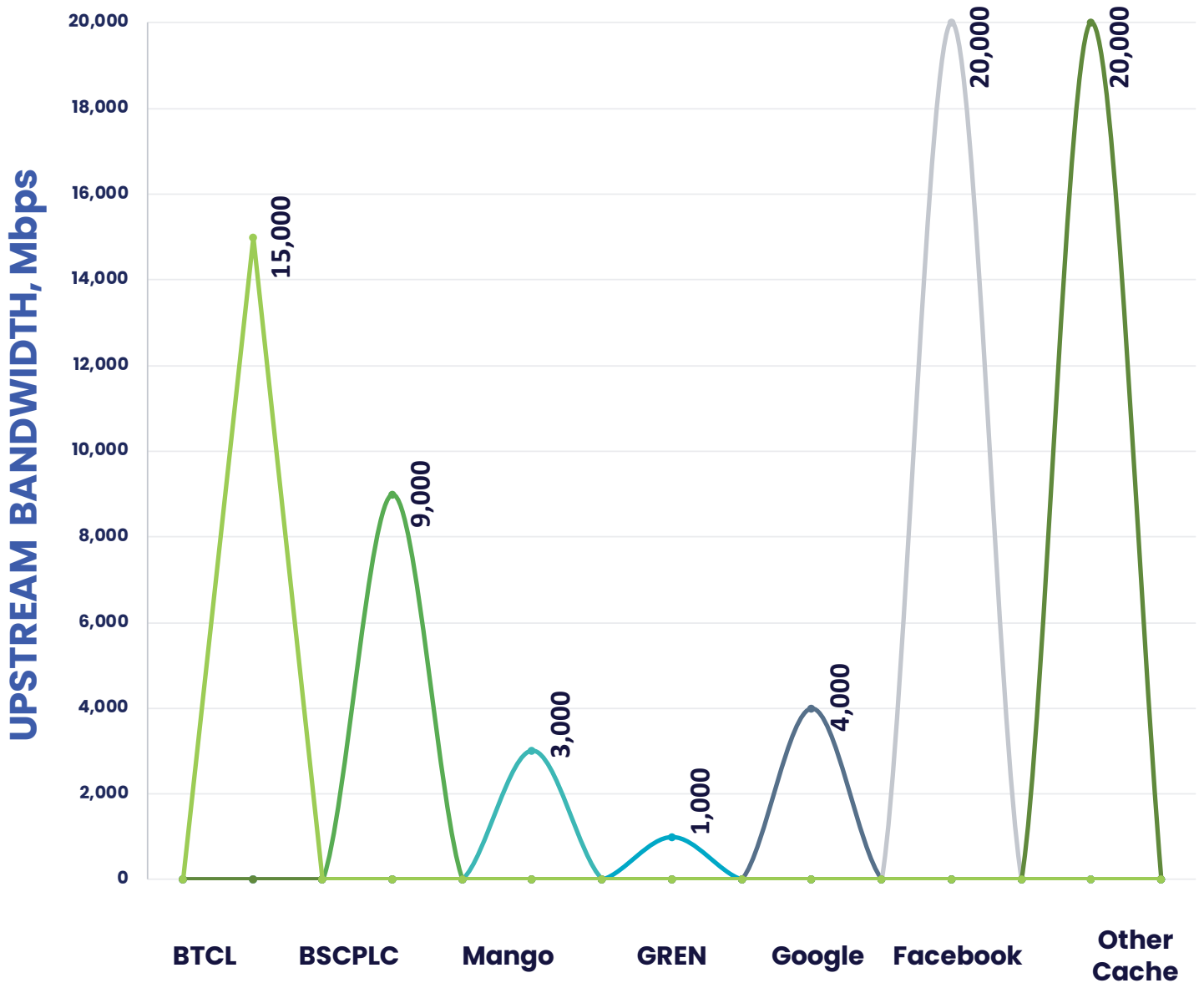
Monthly Minimum uptime: **99.48% in Jun 2025**

Five "9" availability: **9 out of 12 months**

Maintaining sufficient pipe in the Upstream

Upstream Bandwidth, Mbps

From July 2024 To June 2025



Delivery of Rich Content

Digital Library Access

- Your Gateway to Global Knowledge!



BdREN is committed to providing Bangladeshi researchers with seamless, hassle-free access to global knowledge and research content.

eJournals

eBooks (planned)



wiley

SPRINGER NATURE



sage

**Mc
Graw
Hill**

Number of Journals: 3000+
Universities Covered: >40

Number of Titles: ~30,000
Universities Planned to be Covered: >60

Stay Connected to Knowledge with Global Digital Library!



Governance & Organizational Structure



Board of Trustees

[As on 26 June 2025]



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Prof. Dr. S M A Faiz
Chairman, University Grants Commission
of Bangladesh



Vice-Chairperson
Prof. Dr. Md. Saidur Rahman
Member, University Grants Commission
of Bangladesh



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Technology



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Vice-Chancellor, University
of Liberal Arts Bangladesh
and Member, BdREN Trust



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Business and Technology,
and Member, BdREN Trust



Prof. Dr. Mohammad Ismail
Vice-Chancellor, Noakhali
Science and Technology
University and Member,
BdREN Trust

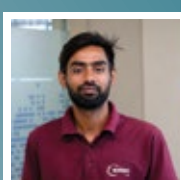
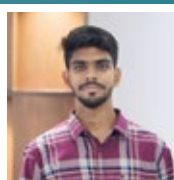
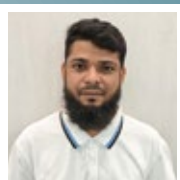
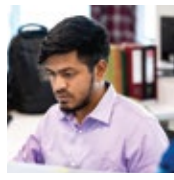
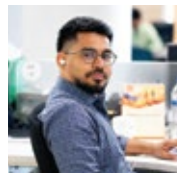
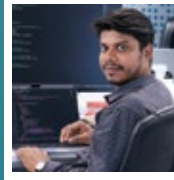
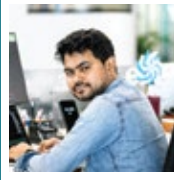
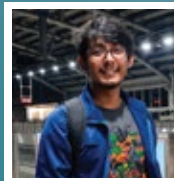
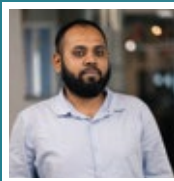
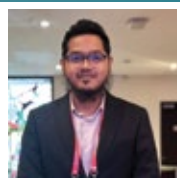
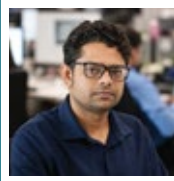
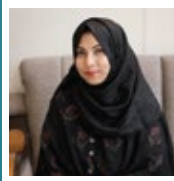
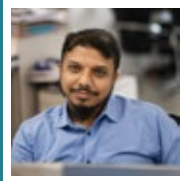
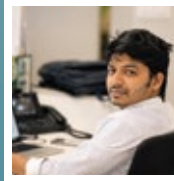
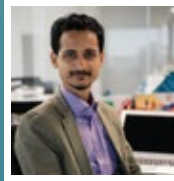
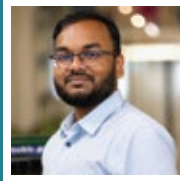
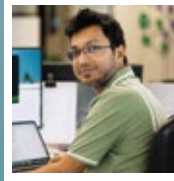
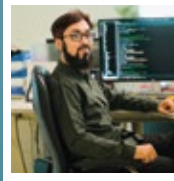
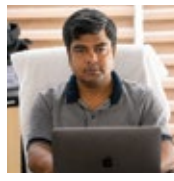
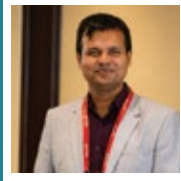
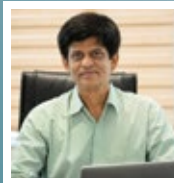
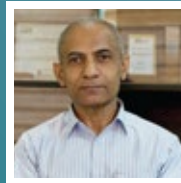


Md. Mamunur Rashid
Managing Director, BTCL, and
Member, BdREN Trust



Nurun Akhtar
Additional Secretary
(University Division), SHED

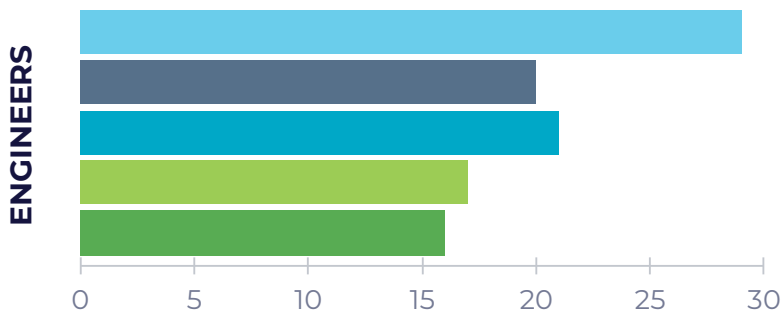
BdREN Team



Growth of BdREN



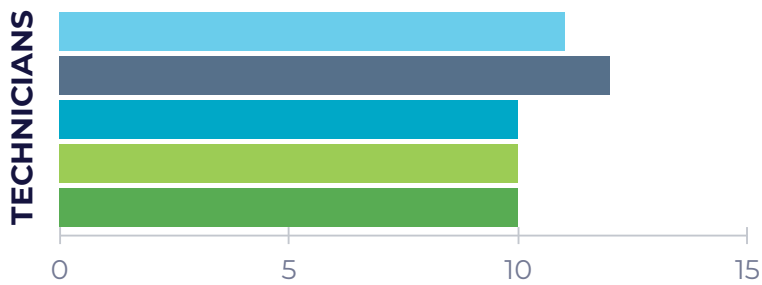
BdREN HUMAN RESOURCE GROWTH 2021-2025



30 JUNE 2025

ENGINEERS: 29
TECHNICIAN: 11
EXECUTIVE: 17
SUPPORT STAFF: 13
CONTRACTUAL: 32

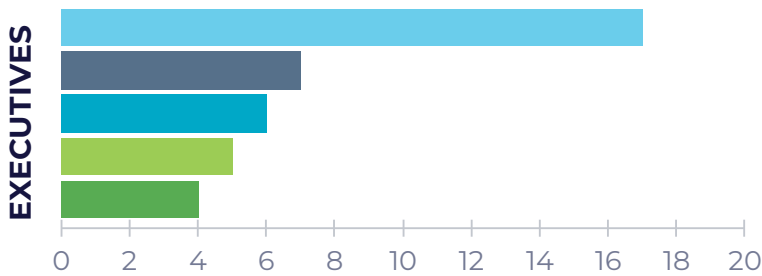
TOTAL: 102



30 JUNE 2024

ENGINEERS: 20
TECHNICIAN: 12
EXECUTIVE: 07
SUPPORT STAFF: 08
CONTRACTUAL: 28

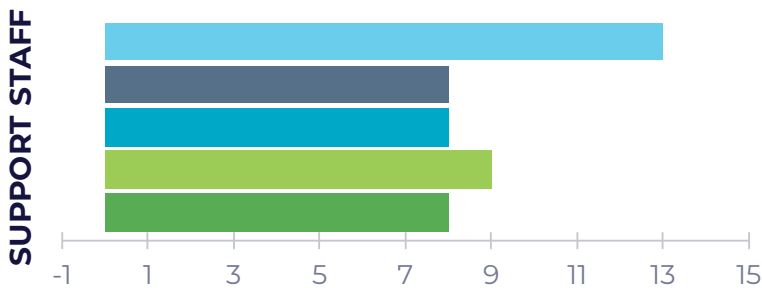
TOTAL: 75



30 JUNE 2023

ENGINEERS: 21
TECHNICIAN: 10
EXECUTIVE: 06
SUPPORT STAFF: 08
CONTRACTUAL: 20

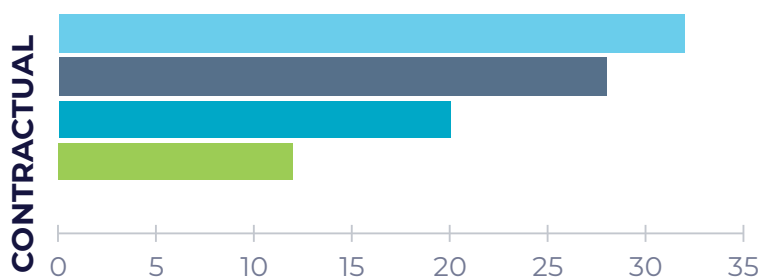
TOTAL: 65



30 JUNE 2022

ENGINEERS: 17
TECHNICIAN: 10
EXECUTIVE: 05
SUPPORT STAFF: 09
CONTRACTUAL: 12

TOTAL: 53



30 JUNE 2021

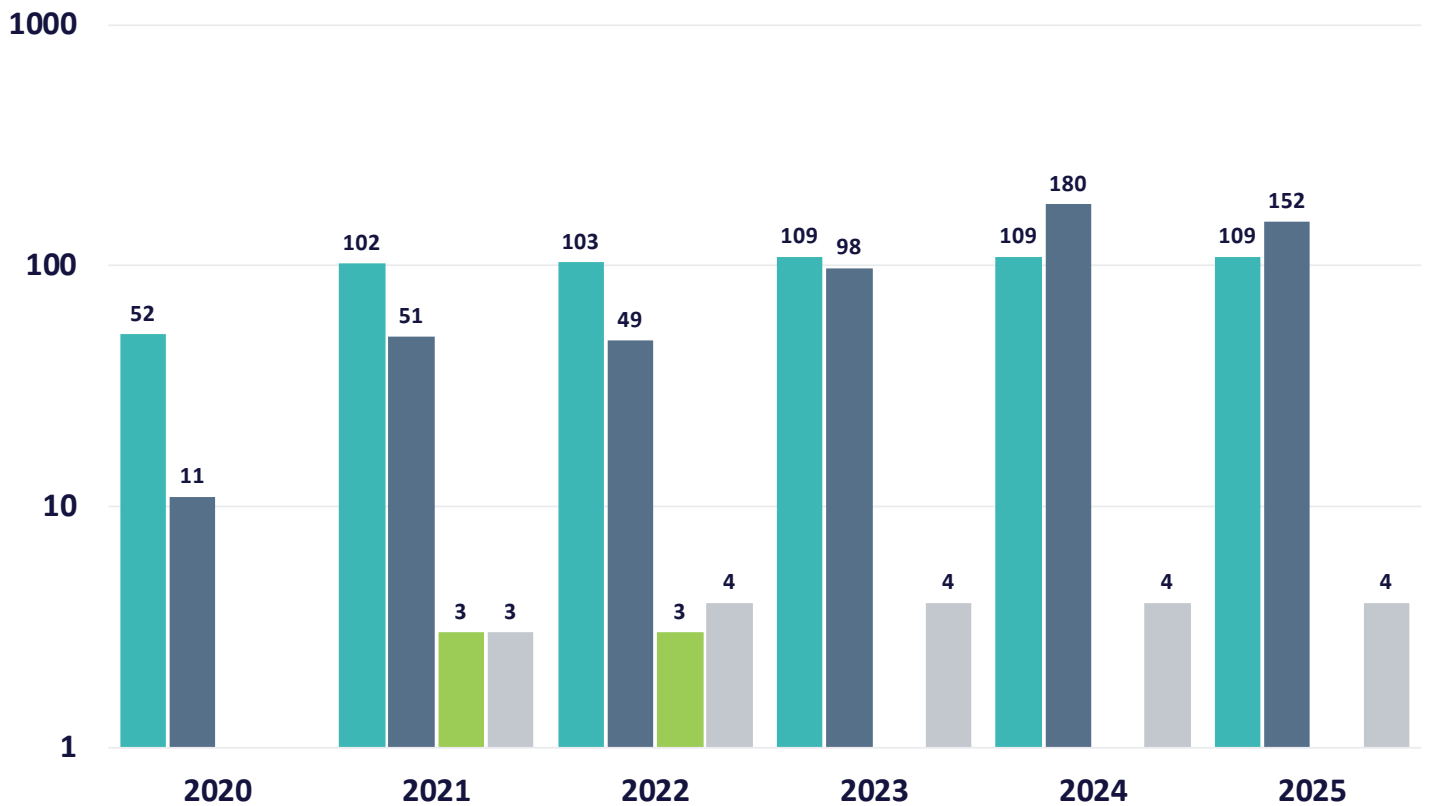
ENGINEERS: 16
TECHNICIAN: 10
EXECUTIVE: 04
SUPPORT STAFF: 08
CONTRACTUAL: 00

TOTAL: 38

The growth of manpower reflects BdREN's continuous development over the years.

Growth of Members over the years

2020-2025



 Full Member

 Associate Member

 Affiliate Member

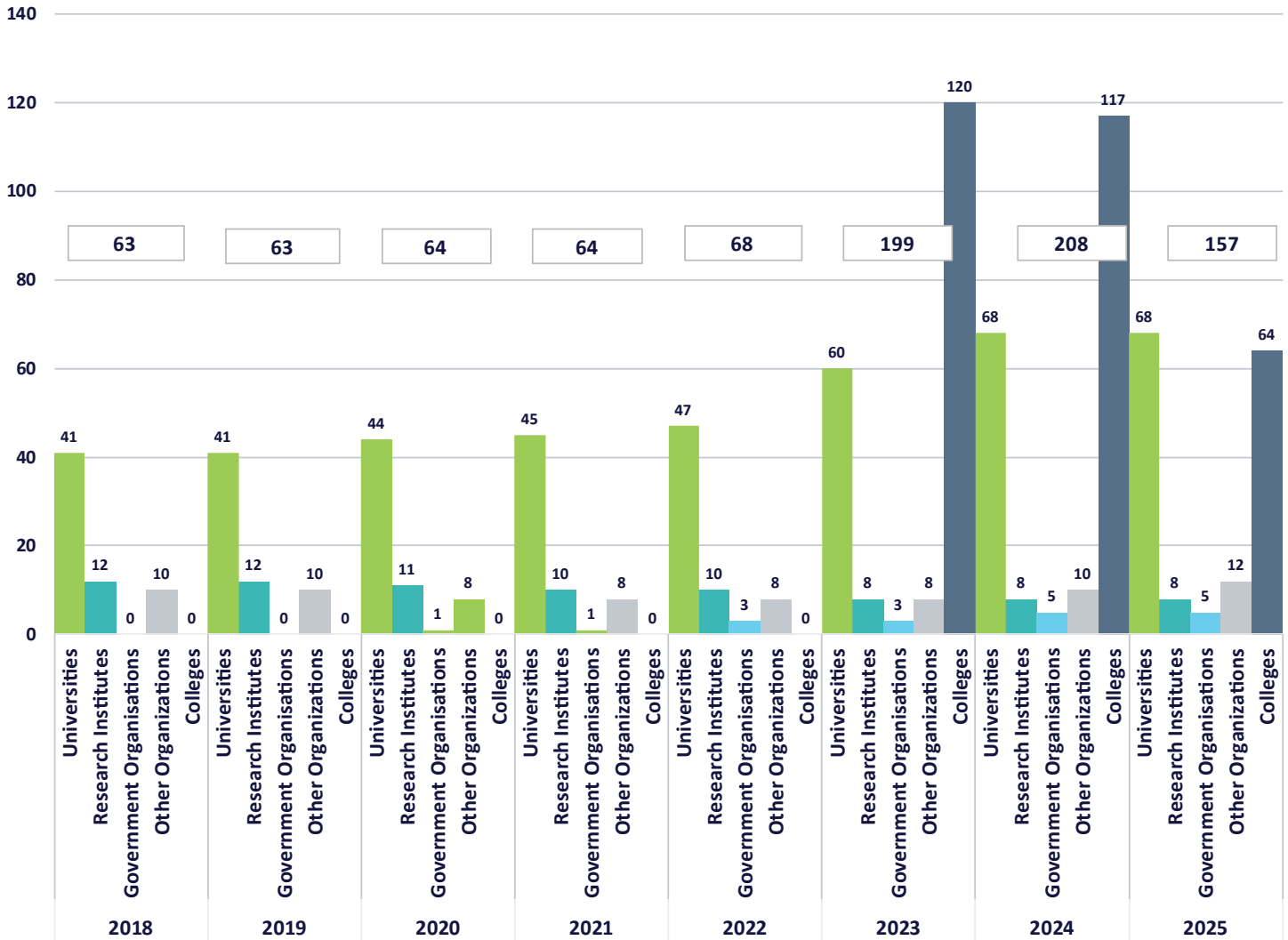
 Industry Member

Note:

- No affiliate member is enrolled at the moment as affiliate members and associate members are found to be synonymous.
- Due to expiry of the CEDP projects a few of the colleges opted out from taking BdREN services due to unavailability of Budget.

Connectivity over the years

2018-2025



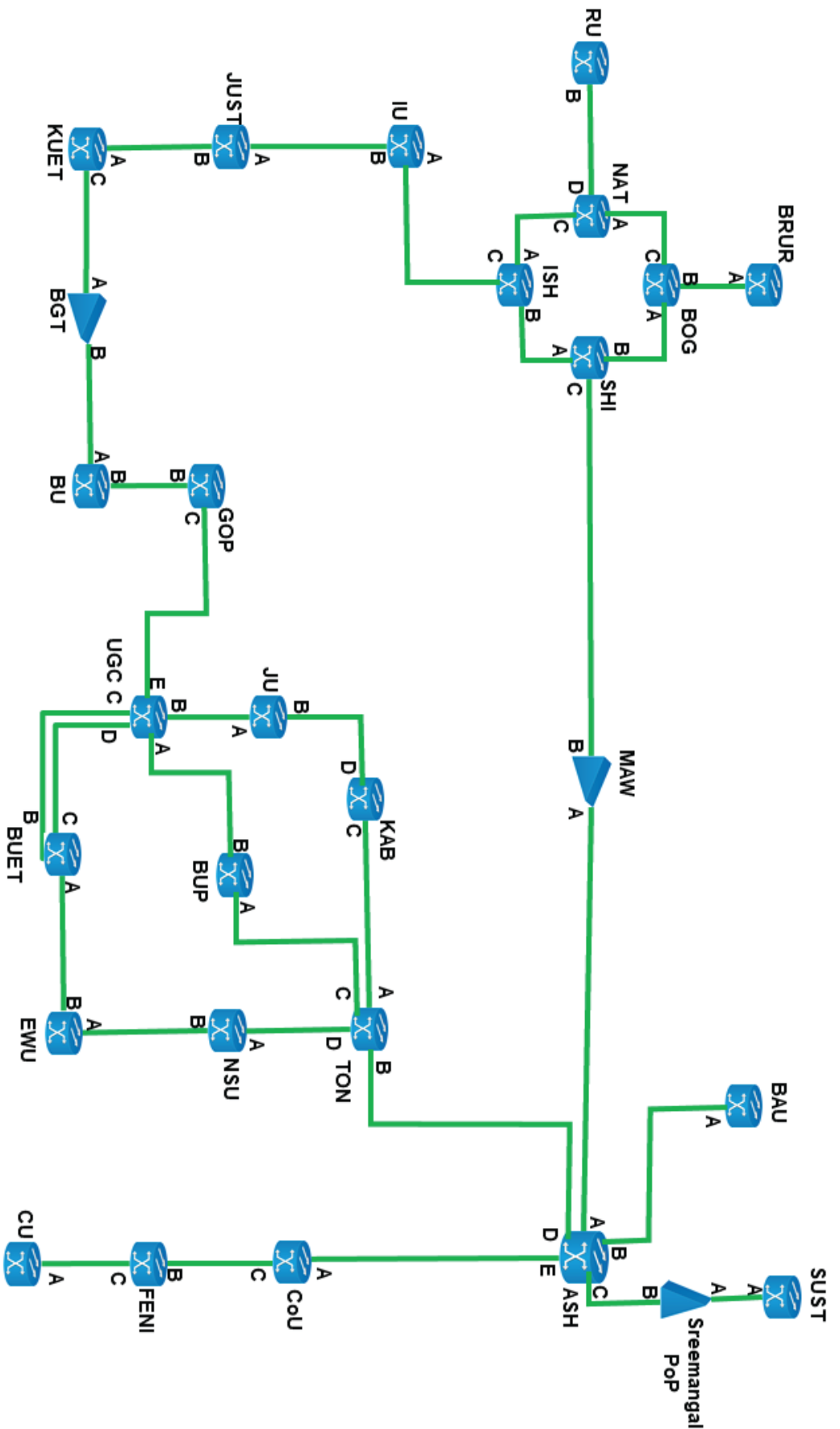
Note:

Number of Connected Colleges reduced from the previous year due to decisions of few colleges to opt out due to budget shortage after expiry of CEDP.

Infrastructure as Enabler



BdREN DWDM Transmission Network



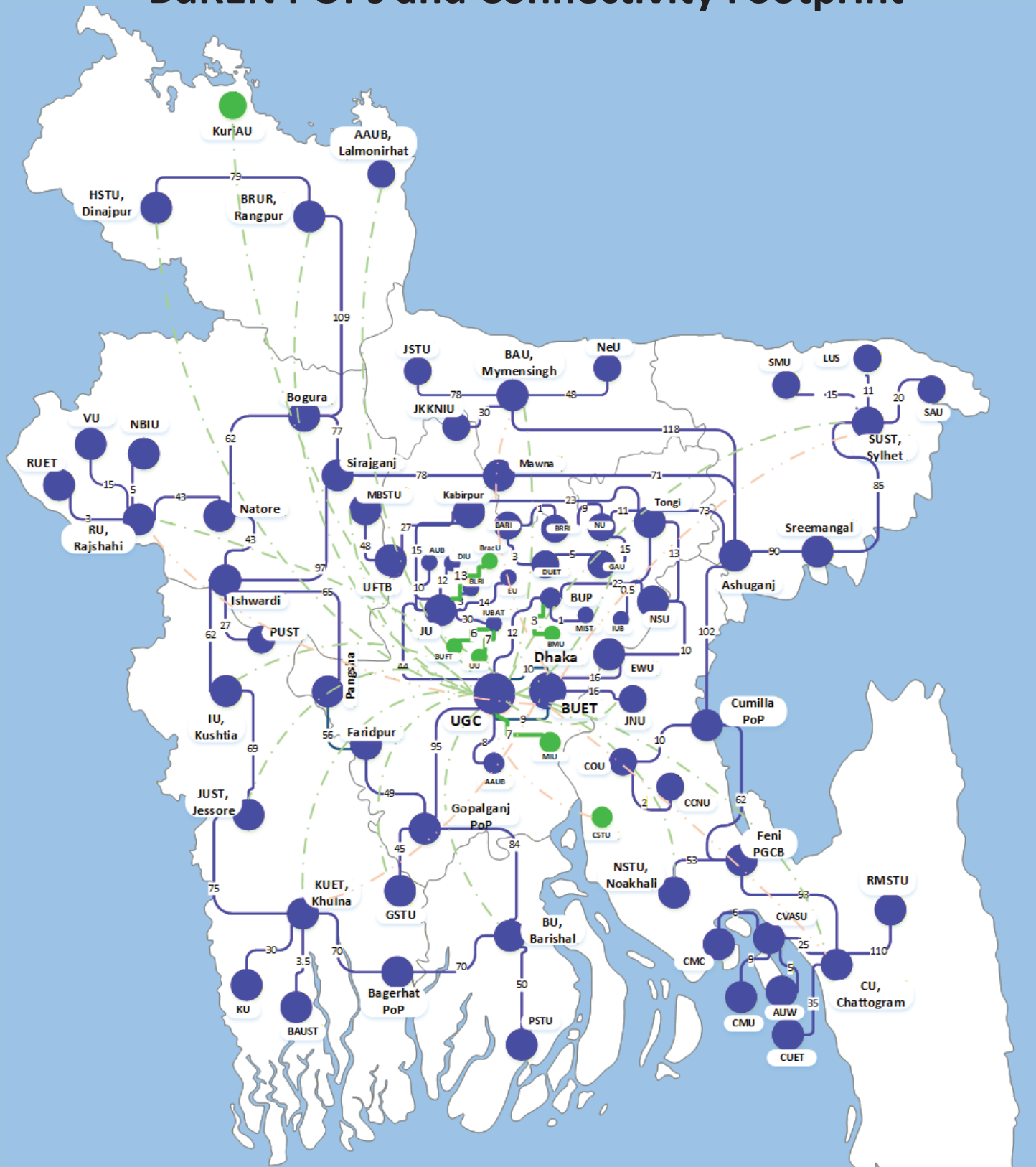
Legend:



DWDM 40 Lambda x 10G

Total DWDM Nodes = 28

BdREN POPs and Connectivity Footprint

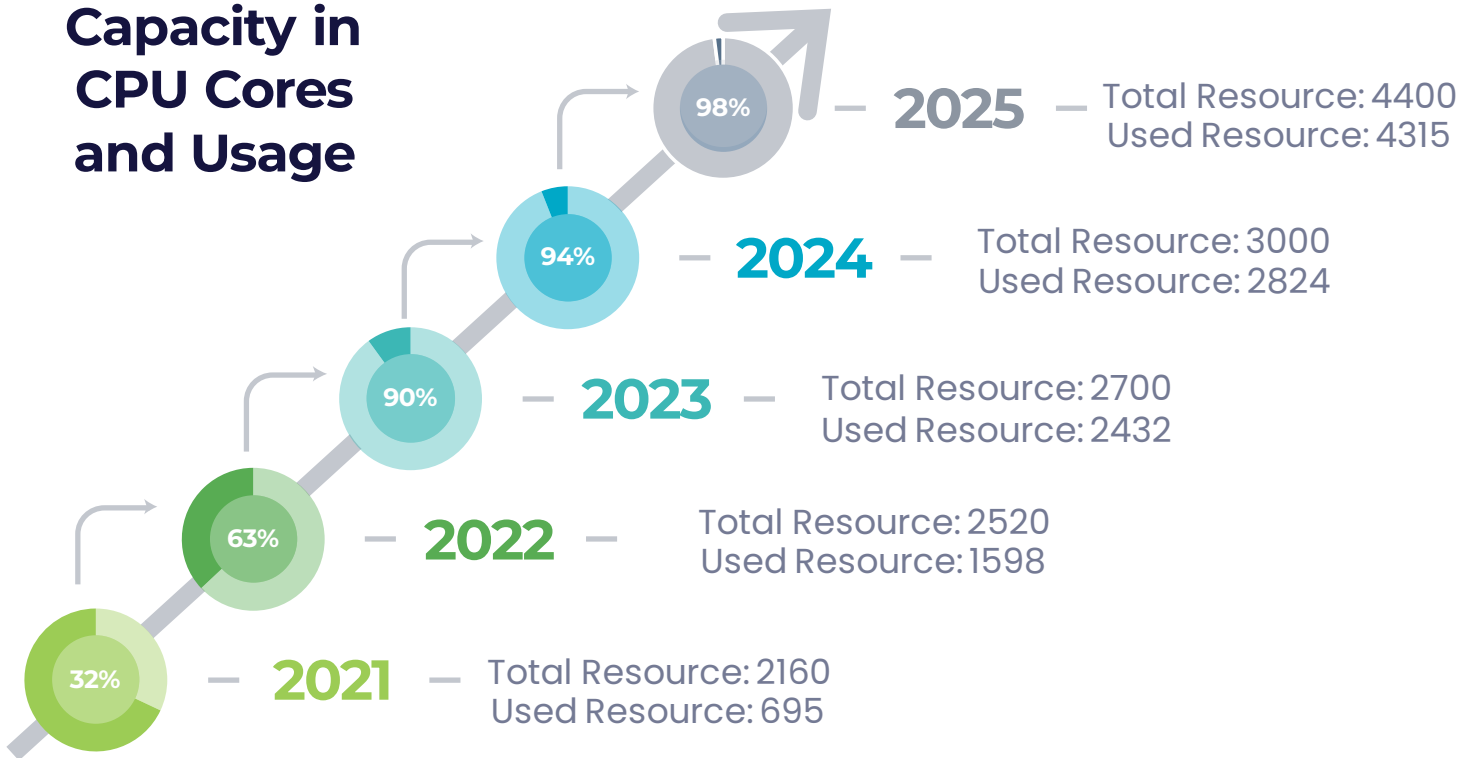


Legend:

- Continued from Previous Year
- Newly Added This Year
- BTCL [VPN] Secondary Links
- Fiber@Home [VPN] Tertiary Links

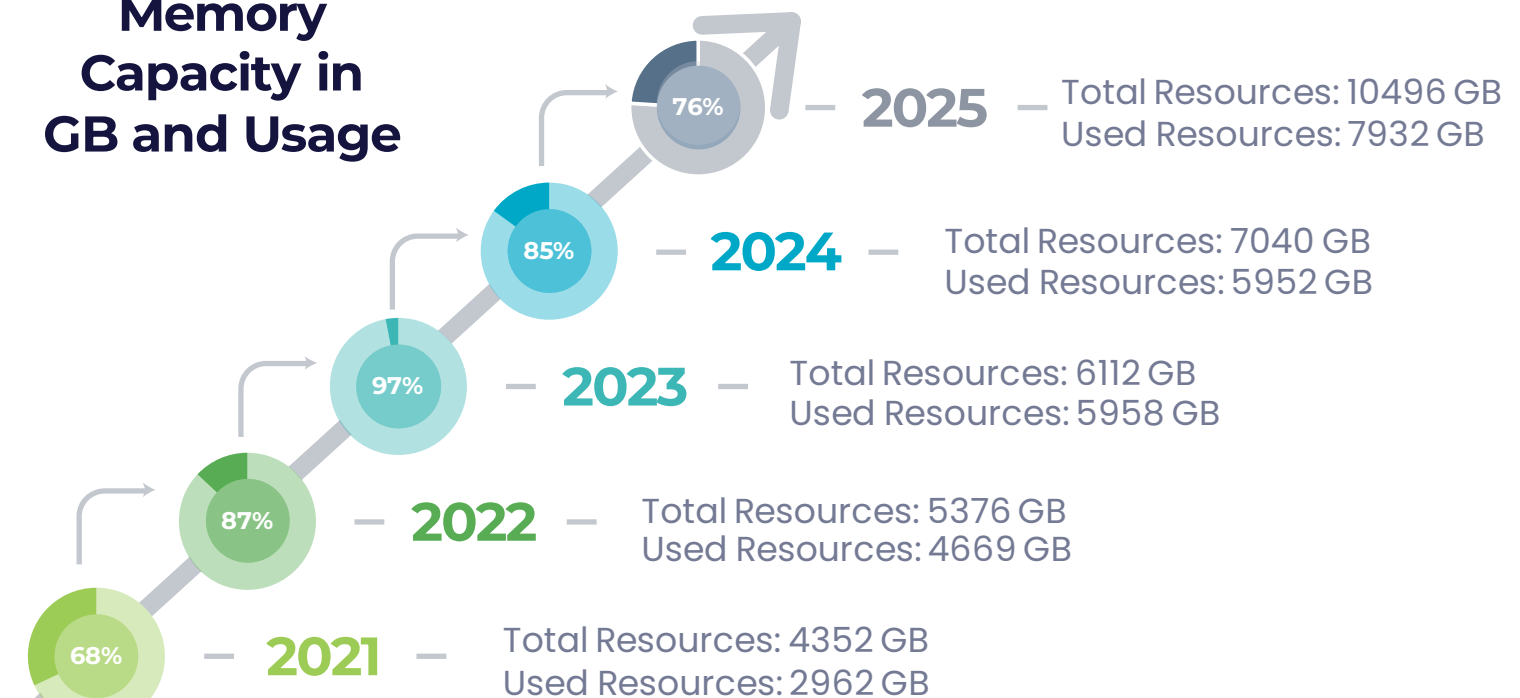
CPU Utilization

Capacity in CPU Cores and Usage



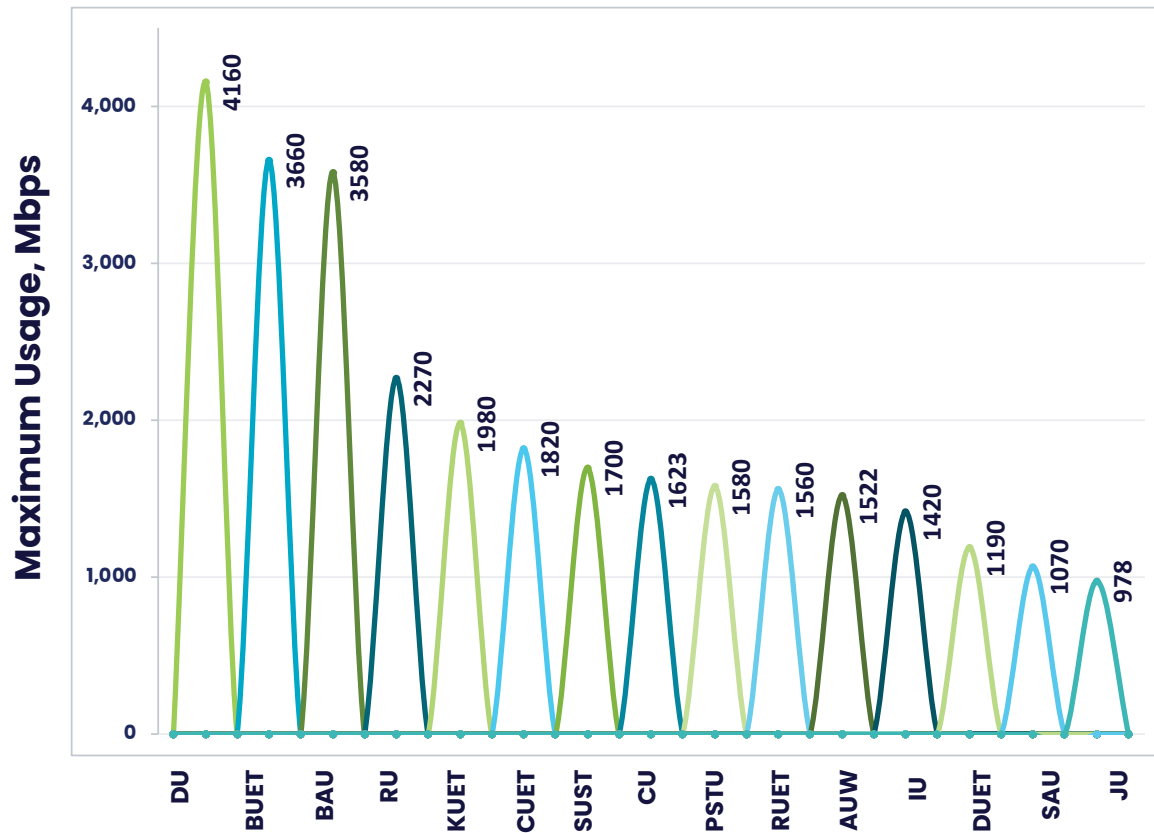
Memory Utilization

Memory Capacity in GB and Usage



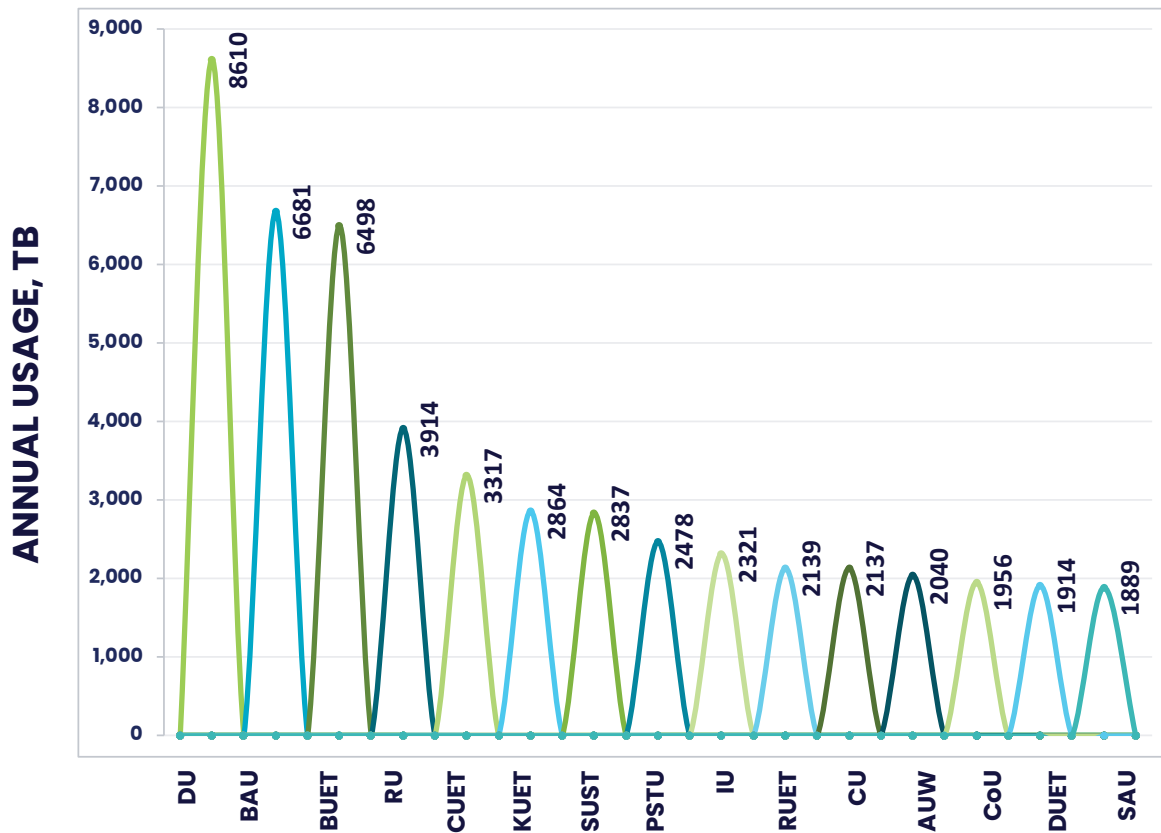
Institutional Bandwidth [Top-15]

From July 2024 To June 2025



Institutional Throughput [Top-15]

From July 2024 To June 2025





NREN Service Landscape

Asia-Pacific

	Services	BdREN	CamREN	CERNET	DrukREN	ErdemNET	HARNET	IDREN	KOREN	LEARN	MAFFIN	MYREN	NKN	NREN	PERN	PREGINET	REANNZ	SingAREN	ThaiREN	
Network	Virtual Circuit/VPN	●	●	●					●	●	●	●	●				●		●	
	SDN			●					●			●	●							
	Remote Access VPN Services	●	●	●		●			●	●	●		●				●		●	
	Quality of Services	●		●		●	●		●			●	●							
	perfSONAR	●								●		●			●				●	
	PERT																			
	Optical Wavelength			●	●														●	
	Open Lightpath Exchange			●																
	Network Troubleshooting	●	●	●	●		●		●	●	●	●	●	●	●		●	●	●	●
	Network Monitoring	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●
	Netflow Tool			●		●				●		●	●				●		●	
	Multicast			●			●		●	●			●	●				●		
	Managed Router Services	●		●					●			●	●	●				●		●
	IPv6 Connectivity	●		●	●	●	●	●	●	●	●		●	●			●	●	●	●
	IPv4 Connectivity	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
	Disaster Recovery Services	●		●								●	●	●				●		●
Security	Web Filtering		●	●			●				●		●				●		●	
	Vulnerability Scannin	●		●									●							
	Security Auditing	●		●									●							
	PGP Key Server			●									●							
	Online Payment			●									●							
	Network Troubleshooting		●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	
	Intrusion Detection			●							●		●	●						
	Identifier Registry			●									●	●						
	Firewall-on-demand		●	●		●	●		●	●	●	●	●	●						
	DDoS Mitigation			●			●		●	●	●	●	●	●				●	●	
	CERT/CSIRT		●	●	●					●	●		●	●						
	Anti-spam Solution	●	●	●									●	●					●	
	Identity	Hosted Campus AAI																		
Collaboration Services																				
Federated Services		●		●			●		●	●		●					●	●		
eduroam		●	●	●	●		●	●	●	●		●		●		●	●	●	●	
eduGAIN		●		●			●		●	●		●					●	●		
Collaboraiont		VoIP	●				●							●						
	Video Collaboration Services	●	●	●	●									●					●	
	Survey-Polling Tool																			
	SMS Messaging	●											●							
	SIS (Students Informaiton Service)		●																	
	Scheduling Tools																			
	Research Gateway											●				●			●	
	Project Collaboration Tools																	●		
	Plagiarism																			
	Mailing Lists						●	●	●			●	●			●				
	Learning Management Services	●	●		●	●			●					●					●	
	Journal Access	●		●												●			●	
	Instant Messages					●	●					●	●							
	e-Portfolios																			
	Email Server Hosting	●	●	●		●														
	Database Services		●	●														●	●	
	CMS Services	●																	●	
	Class Registration Services					●														

Asia-Pacific

	BdREN	CamREN	CERNET	DrukREN	ErdeNET	HARNET	IDREN	KOREN	LEARN	MAFFIN	MYREN	NKN	NREN	PERN	PREGINET	REANNZ	SingAREN	ThaiREN
Services																		
Multimedia	Web/Desktop Conferencing	●	●	●	●	●	●	●	●		●							●
	Video Streaming				●	●												●
	TV/Radio Streaming																	
	Multicast											●						
	Media Post Production																	
	Event Recording/Streaming	●																
Storgare & Hosting	Web Hosting	●	●	●		●									●			●
	Virtual Machines	●			●				●				●					●
	SaaS	●		●					●									
	Netnews																	
	Hosting/Colocation	●		●		●	●								●		●	●
	Hot-Standby			●		●												
	File Sender	●	●								●		●			●	●	
	DNS Hosting	●	●	●	●	●		●		●	●				●	●		●
	Disaster Recovery	●		●														
	Content Delivery	●				●												
	Cloud Storage	●	●	●					●	●				●		●		
	Professional	Web Development	●	●	●		●							●				
User Portals				●				●										
Software Licenses		●		●		●	●											
Software Development		●	●	●		●												
Procurement Services				●	●	●												
Hosting of User Conference		●	●	●			●											
Finance/Admin System			●	●	●			●										
Dissemination of Information																	●	●
Consultancy/Training		●	●	●	●	●			●	●		●	●	●	●	●	●	
eduroam	eduroam Hotspot - Public	●					●						●				●	
	Configuration Automation Tool	●	●						●		●						●	●
	Statistics [F-ticks] Configured	●									●		●				●	●
	Presence in Service Location Map	●					●		●		●		●				●	●
Total	43	37	49	17	24	15	13	23	24	12	22	28	14	02	14	22	19	27

BdREN stands SECOND right after CERNET



BdREN Service Landscape

- **Public Universities**
- **Private Universities**
- **Research Institutes**

Public Universities

	Services	DU	RU	BAU	BUET	CU	JU	IU	SUST	KU	NU	BoU	BMU	GAU	HSTU	MBSTU	PSTU	SAU	CUET	RUET	KUET	DUET	NSTU	JNU	COU	
Network	Virtual Circuit/VPN													●												
	SDN																									
	Remote Access VPN Services											●														
	Quality of Services																									
	perFSONAR																									
	PERT																									
	Optical Wavelength																									
	Open Lightpath Exchange																									
	Network Troubleshooting				●			●				●	●	●			●	●	●	●	●	●	●	●	●	●
	Network Monitoring																									
	Netflow Tool																									
	Multicast																									
	Managed Router Services				●							●					●	●		●	●	●	●		●	●
	IPv6 Connectivity	●		●				●			●	●	●		●							●	●	●	●	●
	IPv4 Connectivity	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Disaster Recovery Services	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Security	Web Filtering																									
	Vulnerability Scanning																						●			
	Security Auditing																						●			
	PGP Key Server																									
	Online Payment																									
	Network Troubleshooting				●						●	●	●	●		●	●	●	●	●	●	●	●	●	●	●
	Intrusion Detection																									
	Identifier Registry																									
	Firewall-on-demand																									
	DDoS Mitigation																									
	CERT/CSIRT																									
	Anti-spam Solution	●	●	●	●						●	●	●		●	●	●	●	●	●	●	●	●	●	●	●
Identity	Hosted Campus AAI		●	●	●	●	●			●	●		●					●			●					
	Collaboration Services																									
	Federated Services		●	●	●	●	●			●	●		●					●			●					
	eduroam																									
	eduGAIN		●	●	●	●	●			●	●		●					●			●					
Collaboration	VoIP													●												
	Video Collaboration Services	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Survey-Polling Tool												●													
	SMS Messaging																									
	SIS (Students Informaiton Service)																									
	Scheduling Tools																									
	Research Gateway																									
	Project Collaboration Tools																									
	Plagiarism																									
	Mailing Lists																									
	Learning Management Services	●										●	●													
	Journal Access																									
	Instant Messages																									
	e-Portfolios																									
	Email Server Hosting																									
	Database Services																									
	CMS Services																									
Class Registration Services																										

Public Universities

	Services	DU	RU	BAU	BUET	CU	JU	IU	SUST	KU	NU	BoU	BMU	GAU	HSTU	MBSTU	PSTU	SAU	CUET	RUET	KUET	DUET	NSTU	JNU	COU		
Multimedia	Web/Desktop Conferencing																										
	Video Streaming																										
	TV/Radio Streaming																										
	Multicast																										
	Media Post Production																										
	Event Recording/Streaming																										
Storage & Hosting	Web Hosting	●	●	●	●	●	●	●		●		●		●	●	●	●	●	●	●		●	●	●	●		
	Virtual Machines	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	SaaS																										
	Netnews																										
	Hosting/Colocation																										
	Hot-Standby																										
	File Sender																										
	DNS Hosting							●			●	●		●		●		●		●			●	●	●	●	
	Disaster Recovery								●																		
	Content Delivery																										
	Mail Server					●		●																			
	SMTP Relay/Bulk Email			●																				●			
	Cloud Storage																										
	Professional	Web Development																									
User Portals					●																						
Software Licenses					●																						
Software Development																											
Procurement Services																											
Hosting of User Conference																											
Finance/Admin System																											
Dissemination of Information																											
Consultancy/Training																											
eduroam		eduroam Hotspot - Public	●		●	●	●		●	●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	
	Configuration Automation Tool	●		●	●	●		●	●	●	●	●		●	●	●	●		●	●	●	●	●	●	●		
	Statistics [F-ticks] Configured	●		●	●	●		●	●	●	●	●		●	●	●	●		●	●	●	●	●	●	●		
	Presence in Service Location Map	●		●	●	●		●	●	●	●	●		●	●	●	●		●	●	●	●	●	●	●		
eJournals	IEEE Explore	●			●	●			●	●							●		●	●	●	●	●	●	●		
	Emerald	●	●			●	●	●	●	●				●		●	●	●	●		●	●	●	●	●		
	JSTOR	●	●	●		●	●	●		●							●	●	●			●	●	●	●		
eBooks	Sage Publications																										
	Emerald Publishing																										
	Taylor & Francis																										
	Springer Nature																										
	Elsevier																										
	Wiley																										
	McGraw Hill																										
Tools	Grammarly	●	●	●	●	●		●	●	●		●	●	●	●	●	●	●	●	●		●	●	●	●		
	DrillBit																										
	Total	16	12	17	20	17	10	16	12	18	14	18	12	18	11	16	17	15	17	16	17	19	18	18	12		

Research Institutes

Services		Bangladesh Academy for Rural Development (BARD)	Bangladesh Agricultural Research Council (BARC)	Bangladesh Agricultural Research Institute (BARI)	Bangladesh Fisheries Research Institute (BFRI)	Bangladesh Institute of Nuclear Agriculture (BINA)	Bangladesh Livestock Research Institute (BLRI)	Bangladesh Meteorological Department (BMD)	Bangladesh Rice Research Institute (BRRI)	SPARRO	Center for Medical Education (CME)	ICDDR,B	Bangladesh Institute of Development Studies (BIDS)	Darul Irfan Research Institute	CHIRAL	NIPORT	Central Human Resources Development Center (CHRDC)	National Institute of Population Research and Training	Bangladesh Academy of Sciences (BAS)	NITER	ICMAB	CME	IEDCR	BIMRD	DIRI	
Network	Virtual Circuit/VPN																									
	SDN																									
	Remote Access VPN Services																									
	Quality of Services																									
	perFSONAR																									
	PERT																									
	Optical Wavelength																									
	Open Lightpath Exchange																									
	Network Troubleshooting			●					●													●	●			
	Network Monitoring																									
	Netflow Tool																									
	Multicast																									
	Managed Router Services																									
	IPv6 Connectivity																									
IPv4 Connectivity			●			●	●														●	●				
Disaster Recovery Services																										
Security	Web Filtering																									
	Vulnerability Scanning																									
	Security Auditing																									
	PGP Key Server																									
	Online Payment																									
	Network Troubleshooting																									
	Intrusion Detection																									
	Identifier Registry																									
	Firewall-on-demand																									
	DDoS Mitigation																									
	CERT/CSIRT																									
Anti-spam Solution			●		●		●														●					
Identity	Hosted Campus AAI																									
	Collaboration Services																									
	Federated Services																									
	eduroam		●	●																						
	eduGAIN																									
	Collaboration	VoIP																								
Video Collaboration Services				●		●	●																●			
Survey-Polling Tool																										
SMS Messaging																										
SIS (Students Informaiton Service)																										
Scheduling Tools																										
Research Gateway																										
Project Collaboration Tools																										
Plagiarism																										
Mailing Lists																										
Learning Management Services																										
Journal Access																										
Instant Messages																										

Services		Bangladesh Academy for Rural Development (BARD)	Bangladesh Agricultural Research Council (BARC)	Bangladesh Agricultural Research Institute (BARI)	Bangladesh Fisheries Research Institute (BFRI)	Bangladesh Institute of Nuclear Agriculture (BINA)	Bangladesh Livestock Research Institute (BLRI)	Bangladesh Meteorological Department (BMD)	Bangladesh Rice Research Institute (BIRRI)	SPARSO	Center for Medical Education (CME)	ICDDR,B	Bangladesh Institute of Development Studies (BIDS)	Darul Irfan Research Institute	CHIRAL	NIPORT	Central Human Resources Development Center (CHRDC)	National Institute of Population Research and Training	Bangladesh Academy of Sciences (BAS)	NITER	ICMAB	CME	IEDCR	BIMRD	DIRI
Collaboration	e-Portfolios																								
	Email Server Hosting																								
	Database Services																								
	CMS Services																								
Multimedia	Class Registration Services																								
	Web/Desktop Conferencing																								
	Video Streaming																								
	TV/Radio Streaming																								
	Multicast																								
	Media Post Production																								
Storage & Hosting	Event Recording/Streaming																								
	Web Hosting			●		●			●											●					
	Virtual Machines		●			●			●											●					
	SaaS																								
	Netnews																								
	Hosting/Colocation																								
	Hot-Standby																								
	File Sender																								
	DNS Hosting																								
	Disaster Recovery																								
	Content Delivery																								
	Mail Server																								
	SMTP Relay/Bulk Email																								
Cloud Storage								●																	
Professional	Web Development								●												●				
	User Portals																								
	Software Licenses																								
	Software Development																								
	Procurement Services																								
	Hosting of User Conference																								
	Finance/Admin System																								
	Dissemination of Information																								
Consultancy/Training																									
eduroam	eduroam Hotspot - Public		●	●																					
	Configuration Automation Tool		●	●																					
	Statistics [F-ticks] Configured		●	●																					
	Presence in Service Location Map		●	●																					
eJournals	IEEE Explore	●		●		●	●	●	●	●						●						●			
	Emerald	●		●		●	●	●	●	●						●						●			
	JSTOR	●		●		●	●	●	●	●		●				●						●			
eBooks	Sage Publications																								
	Emerald Publishing																								
	Taylor & Francis																								
	Springer Nature																								
	Elsevier																								
	Wiley																								
	McGraw Hill					●			●	●		●					●								
Tools	Grammarly																					●	●	●	
	DrillBit																								
Total		3	6	13	0	5	5	2	11	4	0	2	0	0	0	4	0	0	0	3	3	3	4	1	1

Among the Research Institutions (RI), Bangladesh Agricultural Research Institute (BARI) ranked 1st with 13 services, Bangladesh Rice Research Institute (BIRRI) ranked 2nd with 11 services, and Bangladesh Agricultural Research Council (BARC) ranked 3rd with 6 services.

Acronym Name of University

DU	University of Dhaka
RU	University of Rajshahi
BAU	Bangladesh Agricultural University
BUET	Bangladesh University of Engineering and Technology
CU	University of Chittagong
JU	Jahangirnagar University
IU	Islamic University, Kushtia
SUST	Shahjalal University of Science and Technology
KU	Khulna University
NU	National University, Bangladesh
BoU	Bangladesh Open University
BMU	Bangladesh Medical University
GAU	Gazipur Agricultural University
HSTU	Hajee Mohammad Danesh Science & Technology University
MBSTU	Mawlana Bhashani Science and Technology University
PSTU	Patuakhali Science & Technology University
SAU	Sher-e-Bangla Agricultural University
CUET	Chittagong University of Engineering and Technology
RUET	Rajshahi University of Engineering & Technology
KUET	Khulna University of Engineering & Technology
DUET	Dhaka University of Engineering & Technology
NSTU	Noakhali Science and Technology University
JNU	Jagannath University
COU	Comilla University
JKKNIU	Jatiya Kabi Kazi Nazrul Islam University
CVASU	Chattogram Veterinary and Animal Sciences University
SAGU	Sylhet agriculture University
JUST	Jashore University of Science and Technology
PUST	Pabna University of Science and Technology
BRUR	Begum Rokeya University, Rangpur
BUP	Bangladesh University of Professionals
GSTU	Gopalganj Science and Technology University
BUTEX	Bangladesh University of Textiles
BU	Barishal University
BMrU	Bangladesh Maritime University
CMU	Chattogram Medical University
RMU	Rajshahi Medical University
RUB	Rabindra University
UFTB	University of Frontier Technology, Bangladesh
NeU	Netrokona University
KAU	Khulna Agricultural University
JSTU	Jalpur Science & Technology University
SMU	Sylhet Medical University
AAUB	Aviation and Aerospace University, Bangladesh
CSTU	Chandpur Science & Technology University
KiU	Kishoreganj University
HAU	Habiganj Agricultural University
KMU	Khulna Medical University
SSTU	Sunamganj Science & Technology University
PISTU	Pirojpur Science & Technology University
NaoU	Naogaon University
MU	Meherpur University
BSTU	Bogura Science & Technology University
DCU	Dhaka Central University
BIU	Bangladesh Islami University
EUB	European University of Bangladesh
VU	Varendra University
ZHSUST	Z. H. Sikder University of Science and Technology
SU	Sonargaon University

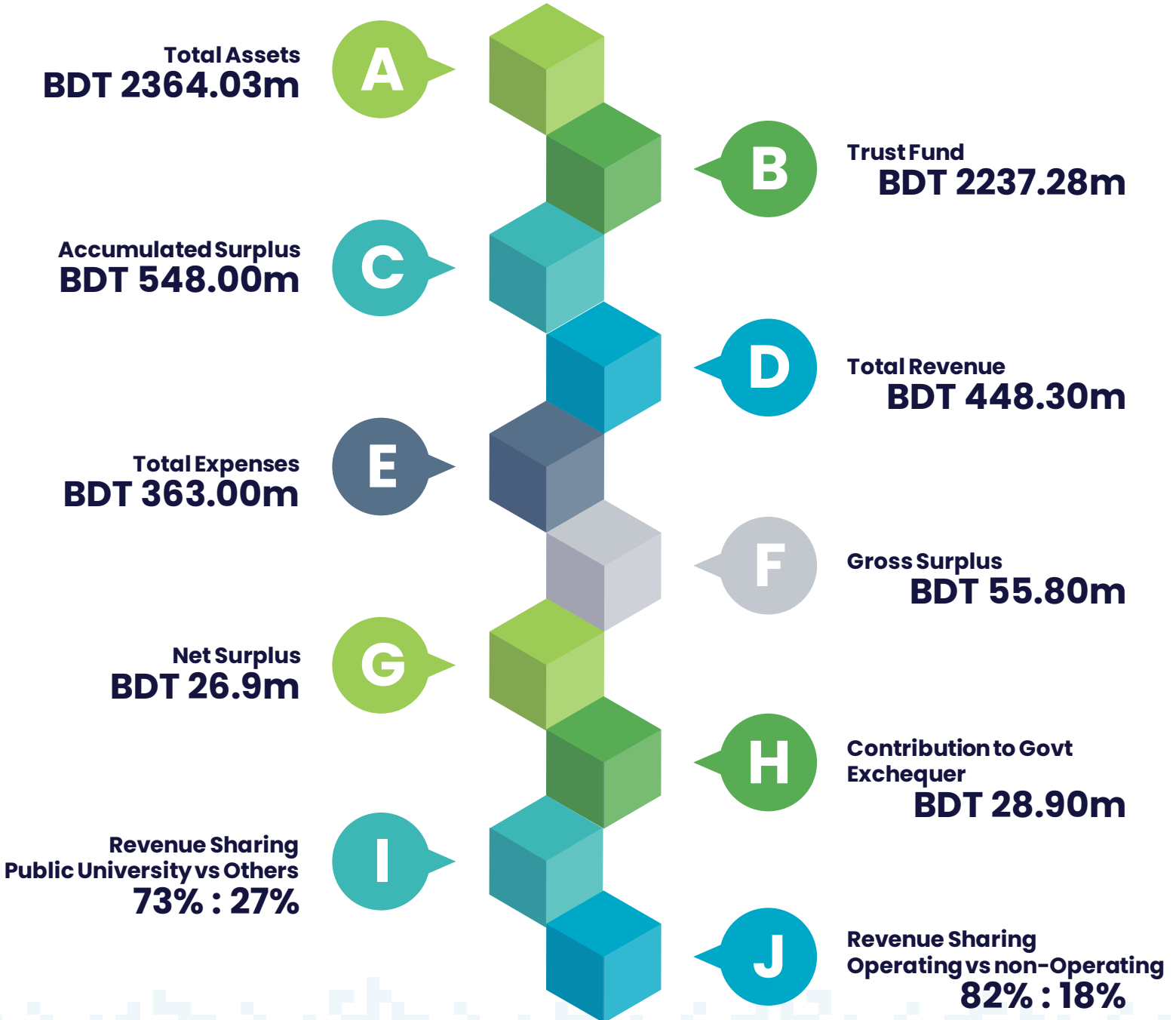
Acronym Name of University

NSU	North South University
BUBT	Bangladesh University of Business and Technology
BRACU	BRAC University
IUB	Independent University, Bangladesh
EU	Eastern University
IUBAT	International University of Business Agriculture and Technology
DIU	Daffodil International University
MIU	Manarat International University
EWU	East West University
AUB	Asian University of Bangladesh
AUST	Ahsanullah University of Science and Technology
MIST	Military Institute of Science and Technology
GUB	Green University of Bangladesh
UAP	University of Asia Pacific
LUS	Leading University
AUW	Asian University for Women
CCN	Chattogram College of Nursing
UIU	United International University
USTC	University of Science and Technology Chittagong
IIUC	International Islamic University Chittagong
GB	Gono Bishwabidyaly
ZUMS	ZNRF University of Management Sciences
BGCTUB	BGC Trust University Bangladesh
PUC	Premier University
SUB	State University of Bangladesh
WUB	World University of Bangladesh
SMUCT	Shanto-Mariam University of Creative Technology
UITS	University of Information Technology and Sciences
ADUST	Atish Dipankar University of Science and Technology
BUFT	BGMEA University of Fashion and Technology
EBAUB	Exim Bank Agricultural University Bangladesh
PCIU	Port City International University
BUHS	Bangladesh University of Health Sciences
CIU	Chittagong Independent University
NDUB	Notre Dame University Bangladesh
NBIU	North Bengal International University
RPSU	R. P. Shaha University
BAUET	Bangladesh Army University of Engineering and Technology
CUB	Canadian University of Bangladesh
NUB	Northern University Bangladesh
RUB	Rabindra University Bangladesh
ISU	International Standard University
NEUB	North East University Bangladesh, Sylhet
BAUST	Bangladesh Army University of Science and Technology
GU	Grameen University
KYAU	Khwaja Yunus Ali University
ASAUB	ASA University Bangladesh
IUS	University of Scholars
ULAB	University of Liberal Arts Bangladesh
SBPGC	Shaikh Burhanuddin Post Graduate College
IUT	Islamic University of Technology
BAUST-K	Bangladesh Army University of Science and Technology Khulna
CWU	Central Women's University
AIUB	American International University-Bangladesh
PU	Presidency University Bangladesh
DhIU	Dhaka International University
SIU	Sylhet International University
UODA	University of Development Alternative
PUB	Pundra University of Science and Technology
SEU	Southeast University

Financial Updates

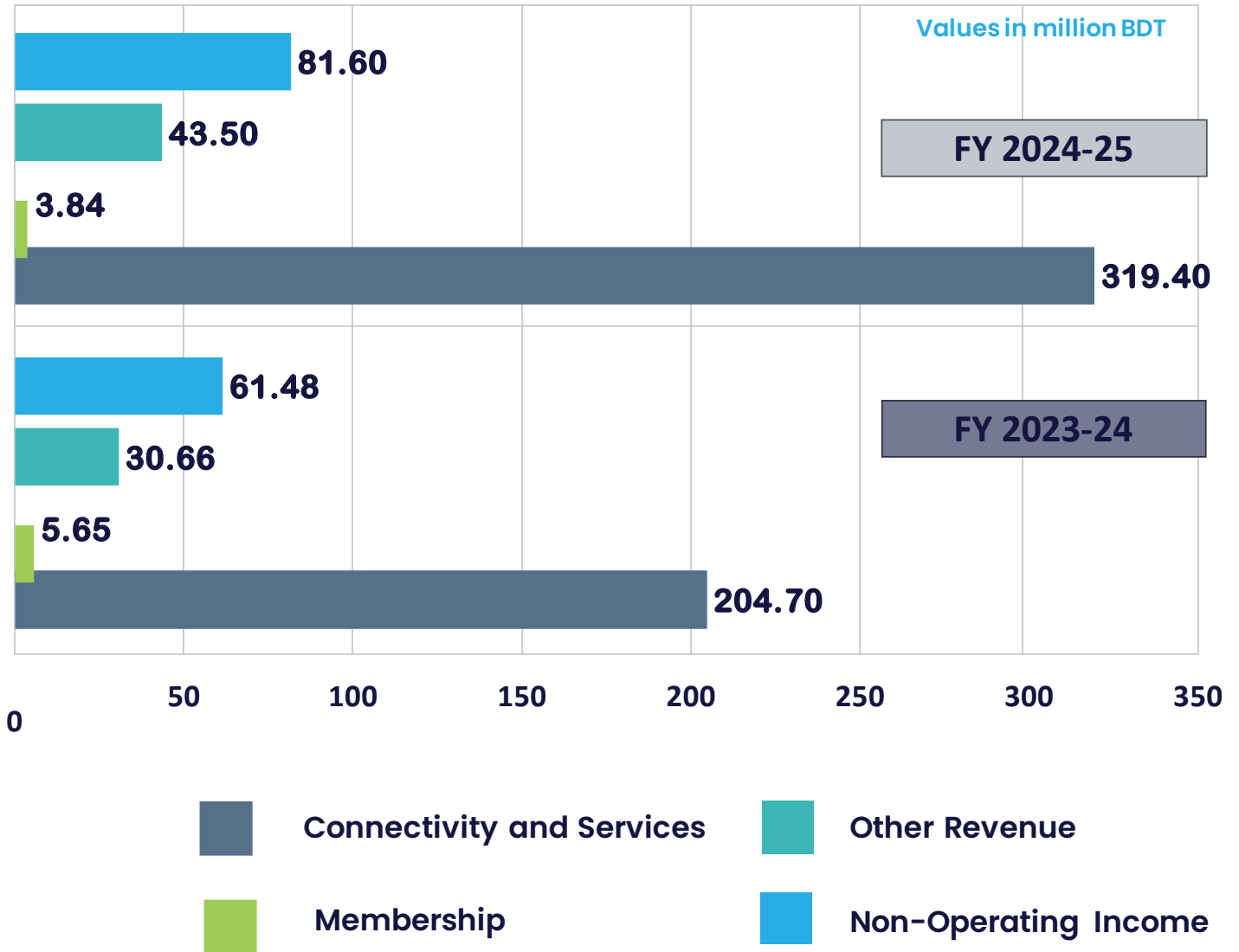


Financial Highlights [2024-25]



Comparison of BdREN Revenues

FY 2024-25 vs FY 2023-24



FY 2024-25 == >>>

BDT 448.3m

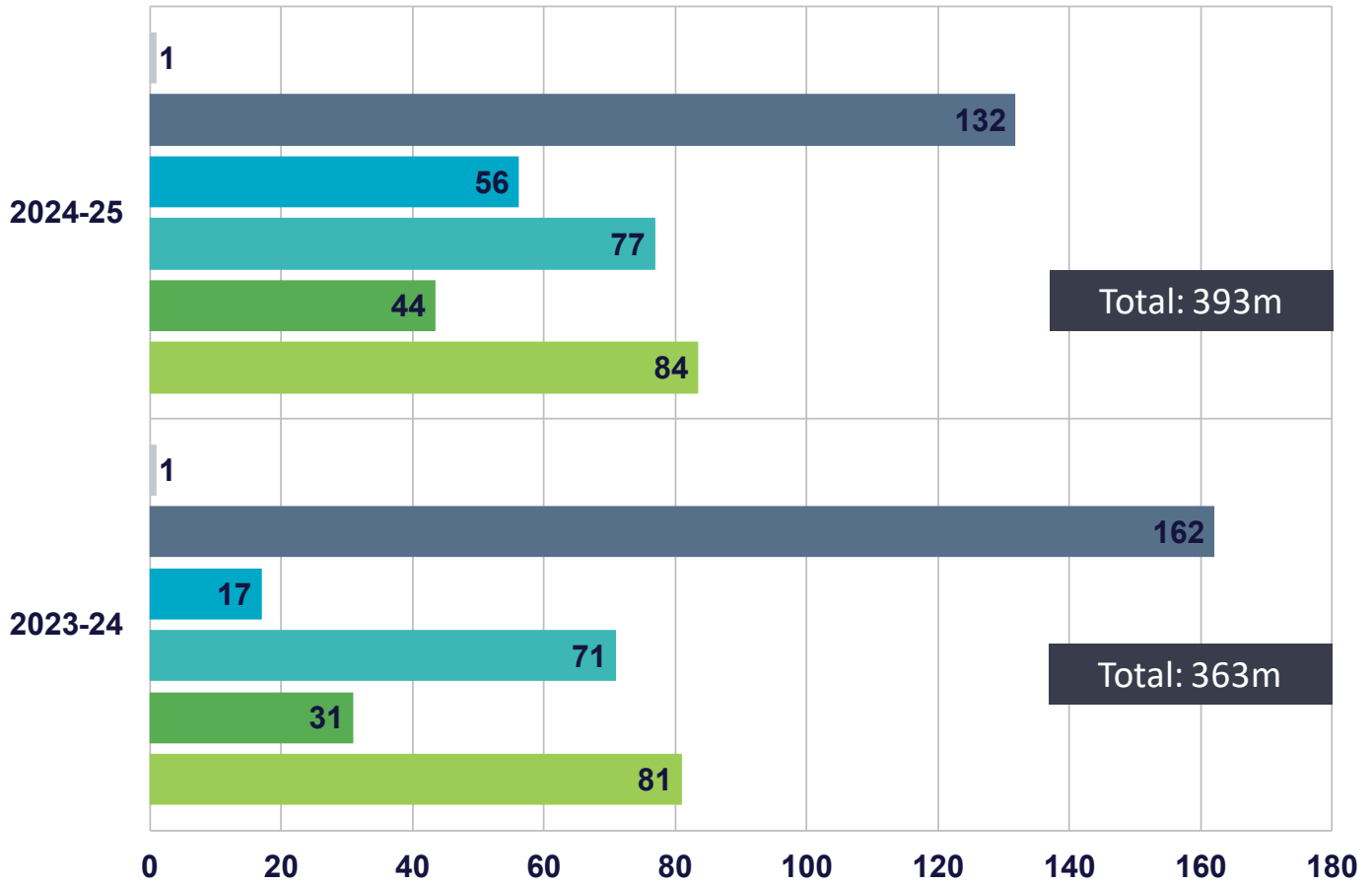
FY 2023-24 == >>>

BDT 302.5m

Comparison of Account-wise Expenses

FY 2024-25 vs FY 2023-24

Expenses in mBDT



01 Network Operations

02 Network Maintenance

03 Administrative

04 Other

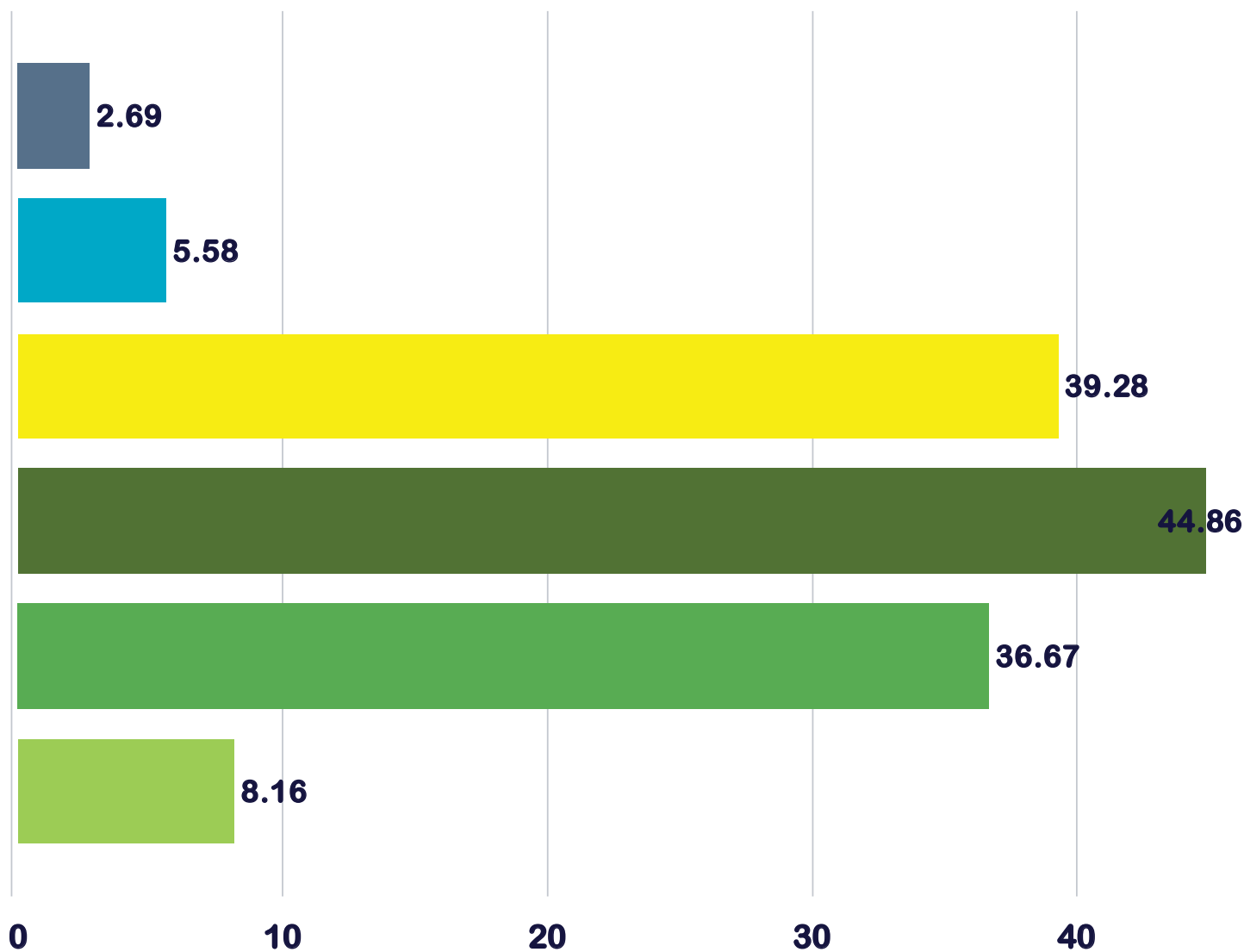
05 Depreciation

06 Non-Operating

BdREN's Revenue, Expenses and Surpluses

Financial Year 2024-25

Amount In Crore BDT



non-Operating Revenue

Operating Revenue

Total Revenue

Total Expense

Gross Surplus

Net Surplus

BdREN's role in Regional Events



PARTICIPATION IN APAN59



A BdREN delegation attended the 59th biannual Conference of APAN in Yokohama, Japan from March 03 to March 08, 2025. The delegation was led by Prof. Dr. S M A Faiz, Chairman of UGC and Chairperson of BdREN, and included representatives from its core team. The team actively participated in high-level discussions, technical presentations, and strategic networking sessions. In addition to that two fellows Md. Rayhan of Sher-e-Bangla Agricultural University and S N Shayokh of Gazipur Agricultural University participated the event from the member institutes of BdREN.

The Honourable Chairman, who participated the event as BdREN's Governor to Asi@Connect project, attended the Asi@Connect Governors' Meeting and stamped his presence with remarks about his optimism on the planned second phase of Asi@Connect project and his commitment on behalf of BdREN to make the next phase of Asi@Connect successful.

Mohammad Tawrit, Chief Executive Officer, BdREN led a panel discussion session on "Internet Governance". The topic of this session was "NRENs' role in shielding Internet Fragmentation". The panellists in this session were from BdREN, Tsinghua University, LEARN, NREN, PERN and KISTI. Various Acts and Policies contributing to Internet Fragmentation in respective countries were presented and rigorous analysis and discussion followed. Also, audience actively participated in the question and answering session. The session ended up with some resolution on containing Internet Fragmentation targeting APAN60 and APAN61.

Chief Executive Officer of BdREN, also chaired two back-to-back sessions on collaborations of emerging NRENs in Asia-Pacific region. In these sessions various NRENs came up with the recent updates of their network and services and also with their future plans.

Nafew of BdREN made a demonstration on FileSender Application developed by BdREN in collaboration with APAN. Arefin, BdREN and Rajan from NREN presented eduroam usage in the airports of the respective countries. In the second session the planned activities of next phase of Asi@Connect were discussed and a survey was conducted to figure out the priority of planned services.

Md. Ariful Islam, Manager (Data & Transmission), showcased BdREN's BGPWatch platform, a real-time network monitoring tool, while Kh. Rashedul Arefin, Manager (Data Center), outlined BdREN's future initiatives to enhance research connectivity.

Dr. Mohammad Farooq Ali Tarafder, FCMA, ACS, CAFO of BdREN, attended the TEIN Governors' Meeting as a steering committee member. He particularly focused on expanding BdREN's integration with Asia-Pacific research networks.

Mohammad Tawrit, CEO, BdREN was also present in the Governors' Meeting as a special request from TEIN*CC to contribute on the planning of next phase of Asi@Connect.

Arefin took part in the AP-GAINED Workshop, facilitated by LEARN, as an instructor contributing to knowledge-sharing and regional capacity-building efforts. Khadizatul Kubra and Abu Naser Md. Nafew from BdREN joined the same workshop as "Fellows".

It was a wonderful opportunity for BdREN officials to discuss the issues, challenges and opportunities with the NREN representatives from different countries, APAN officials, and service providers from ORCID, Inopera, as well as representatives from GEANT during side meetings. Many ideas came out to grab certain opportunities and to overcome the existing challenges.

BdREN's engagement at APAN59 reinforced its role in shaping up digital innovation and connectivity in Bangladesh as well as in the Asia-Pacific region. The delegation returned with key takeaways to further develop next-generation network solutions, particularly focusing on gearing up activities revolving around federation, governance of internet and artificial intelligence.

COLLABORATION WITH GLOBAL SUPPORT SYSTEM [GSS], MALAYSIA

A groundbreaking initiative for Software Development

At BdREN, we always explore new frontiers in innovation and partnership to enhance our service offerings.

In pursuant to the said initiative, on 10 July 2024 BdREN signed an agreement with GSS to develop "Orbit" Application which will contain Administrative, Information Technology, Finance and Event Management Application modules. This was the first venture for BdREN with an International Organization for development of Software Application.



In the wake of signing an MoU On 12-13 Sep 2024 with Global Support System (GSS) of Malaysia, our software team embarked on a visit to Malaysia to meet with GSS representatives at the prestigious Malaysia Eco City to discuss about the precise requirements of the modules to be developed.

It was agreed by the parties that the initiative will work on a "Revenue Share" model.



Shaan, Director, GSS

“ Global Support Services Malaysia is proud to collaborate with BdREN in delivering transformative platforms such as ORBIT and the Alumni Networking and Collaboration Portal, redefining how ecosystems connect, engage, and grow. Together, we are not just building solutions, but shaping the future of digital collaboration with a shared commitment to excellence and innovation. ”

AWARENESS DEVELOPMENT



On May 19, 2024, a day-long workshop titled "Expert Opinion on UGC-ERP Software Architecture and Design" was held at the UGC auditorium to discuss about the methodology of development of ERP Software Applications under the Higher Education Acceleration and Transformation (HEAT) Project.



On February 9, 2025, a high-level meeting between Bangladesh Research and Education Network (BdREN) and Bangladesh Maritime University (BSMRMU) was held at BSMRMU's Chattogram campus. The meeting aimed to enhance BSMRMU's digital infrastructure and strengthen cooperation in advancing research and education technology.



On January 6, 2025, Team BdREN visited the University of Chittagong (CU) to foster collaboration and showcase its advanced services designed to enhance education and research. The visit, divided into three key sessions, underscored BdREN's commitment to empowering academic institutions across Bangladesh.



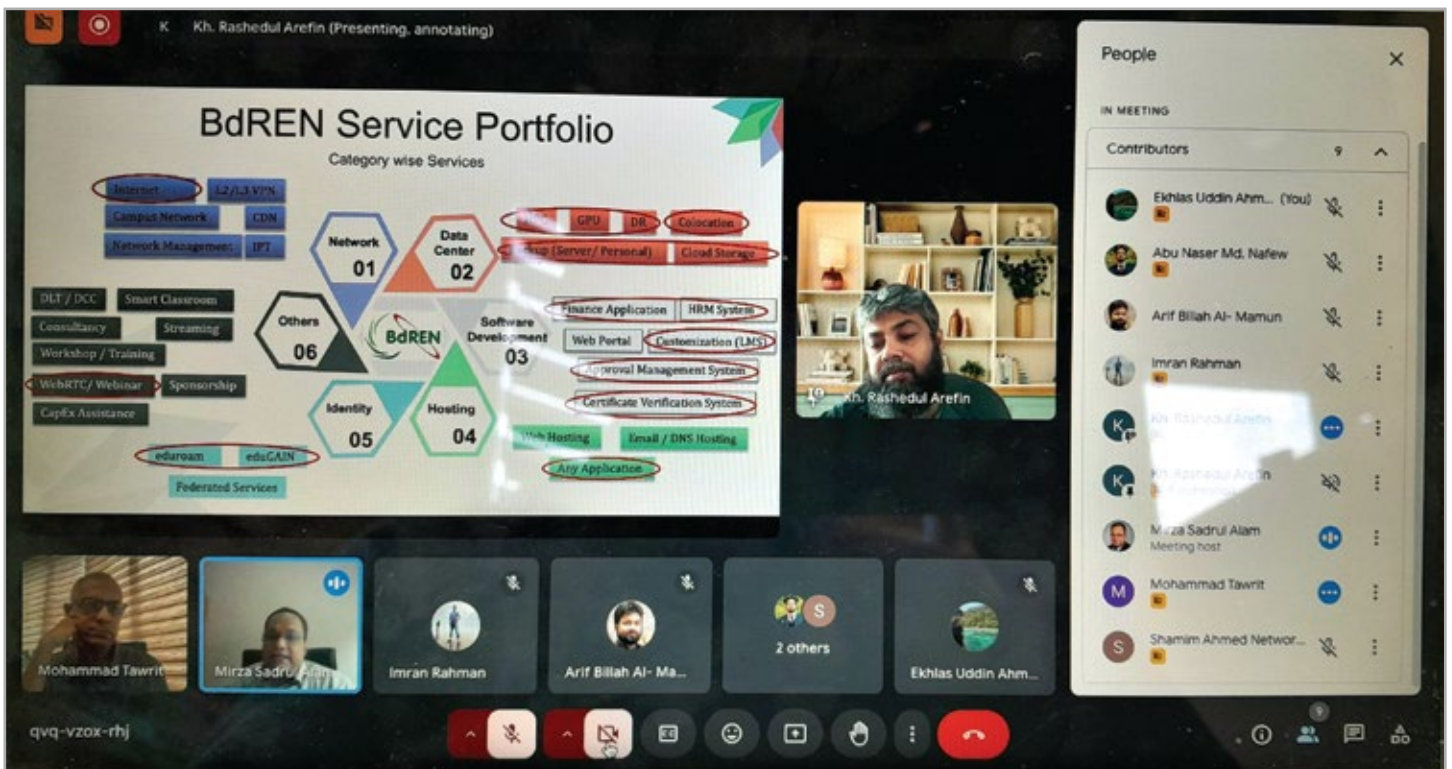
On December 17, 2024, a team from the BdREN, led by Chief Executive Officer Mohammad Tawrit, held a meeting with the ICT Cell of Bangabandhu Sheikh Mujib Medical University (BSMMU).



On November 12, 2024, a meeting took place between the Bangladesh Research and Education Network (BdREN) and BGMEA University of Fashion and Technology (BUFT) at the BUFT Campus to share BdREN's digital services with BUFT.



A productive meeting took place between Bangladesh Research and Education Network (BdREN) and the Military Institute of Science and Technology (MIST) on November 7, 2024, to explore new avenues for cooperation in digital and research services.



On October 21, 2024 BdREN and ULAB officials engaged in a productive online meeting to explore services aimed at bolstering ULAB's educational and research capabilities.

SIGNING OF CONTRACTS



On May 20, 2025 - BdREN signed an agreement with BCC to provide Zoom video conferencing services to government agencies across the country.



On April 29, 2025 – DigiSec Council, a leading cybersecurity training provider, signed Memorandum of Understanding (MoU) with BDREN to strengthen organizational cybersecurity capabilities through specialized training programs.



On 24 September 2024 BdREN and Bangladesh University of Professionals (BUP) signed an agreement for Operation and Management of the Certificate management and verification portal of BUP, which is developed by BdREN.

ORGANIZING WORKSHOP AND TRAINING



In collaboration with LEARN, BdREN organized a workshop on Generative AI in the Asia Pacific – Generative AI Integration for NREN Empowerment and Development (AP-GAINED).



A five-day training program on Network Automation, sponsored by Asia@Connect project, was successfully concluded on April 24, 2025, at Sea Pearl Beach Resort, Cox's Bazar.



APNIC Academy IPv6 Certification (Associate) – BETA Trial, held from May 11 to May 15, 2025 at the Training Center, BdREN.



On 30 October 2024, BdREN organized a "Workshop on IT Infrastructure" at Murari Chand College, Sylhet. The workshop gathered one (1) IT professional from each of the six (6) IDG colleges namely Sylhet Govt. Women's College, Dakshin Surma Govt. College, MC College, Beanibazar Govt. College, Brindaban College, and Moulavibazar Govt. College under the National University in the Sylhet Zone.



In a remarkable stride, BdREN conducted its second "Hands-on Training on IT Infrastructure" for the IDG Colleges under the National University from the Chattogram Zone on October 6, 2024, at Chittagong College.



On 30 September 2024, BdREN organized a "Workshop on IT Infrastructure" at Government Brajalal College, Khulna. The workshop gathered two (2) IT professionals from each of the Nine (9) IDG colleges in the Khulna Zone.

CAPACITY DEVELOPMENT OF BDREN OFFICIALS THROUGH OVERSEAS TRAINING & WORKSHOP



LEADERSHIP TRAINING IN BANGKOK

ORGANIZED BY TEIN*CC

On April 28 – May 02, 2025 Asi@Connect organized a workshop on “Global Leadership Development Program (GLDP)-2025” in Bangkok, Thailand, aimed at strengthening leadership capacities within National Research and Education Networks (NRENs).



Three participants from BdREN namely Dr. Mohammad Farooq Ali Tarafder, FCMA, ACS; Ekhlas Uddin Ahmed; and Khadizatul Kubra participated in the workshop. Their participation reflects BdREN’s ongoing commitment to professional development and international engagement.



The program focused on enhancing strategic leadership, effective communication, innovation, and collaborative approaches in managing NREN operations. Through interactive sessions, group activities, and cross-country exchanges, participants gained practical insights into adaptive leadership and change management in a rapidly evolving digital environment.



The BdREN delegates reported that the program significantly contributed to broadening their leadership perspectives, particularly in fostering strategic thinking, strengthening teamwork, and encouraging innovation. The exposure to global best practices and peer experiences provided valuable learning opportunities that are expected to benefit BdREN’s institutional growth.

Khadizatul Kubra,
Assistant Manager, BdREN
making her presentation



The knowledge and experience gained from this program will support BdREN in further enhancing its organizational capacity, promoting leadership excellence, and strengthening its engagement within the global NREN community.

PARTICIPATION IN APRICOT CONFERENCE

19-27 FEBRUARY 2025

Shamim Ahmed, Sr. Network Engineer, NOC attended APRICOT 2025 in Petaling Jaya, Malaysia. In his own narrative it was a transformative experience that helped and reshaped him to assess his works and roles in the broader professional community. Being Engaged with some of the brightest minds in the Asia-Pacific networking space was humbling as well as deeply motivating for him. In the process the participation inspired him to contribute more actively to the cause of BdREN and its regional efforts, such as implementing new best practices or fostering regional initiatives.

The fellowship encompassed two programs: the APRICOT Masterclass (Advanced BGP Workshop) and the Fellows Soft Skills Workshop. The BGP Masterclass, led by Aftab Siddiqui, Tashi Phuntsho, Mark Duffell, and Phil Mawson, offered rich exposure to advanced BGP design, traffic engineering, route optimization, and network security best practices.

The hands-on lab sessions stood out in particular, bringing real-world service-provider challenges to life in ways that the participants could immediately relate to their day-to-day responsibilities at their respective work environments.



The Soft Skills Workshop added another important dimension to the fellowship. It reinforced something that professionals do not always acknowledge in technical professions; the very ability to communicate clearly, lead confidently, and share ideas openly is just as critical as any technical skill one carries.

“I am proud to share that, as the first BdREN representative to receive the APRICOT Fellowship, the connections I have made with professionals from Mongolia, Nepal, Sri Lanka, Indonesia, Fiji, Uganda, and beyond hold special significance. These relationships will foster meaningful collaboration across the Asia-Pacific region, making our community feel more united and supported”

– Shamim Ahmed



PARTICIPATION IN GEN-AI CURRICULUM DEVELOPMENT WORKSHOP IN MALAYSIA UNDER AP-GAINED PROJECT

AP-GAINED: Asia Pacific - Generative AI Integration for NREN Enhancement and Development project, funded by Asia Pacific Network Information Center (APNIC) Foundation, spearheaded by Lanka Education and Research Network (LEARN) in collaboration with Bangladesh Research and Education Network (BdREN) and Asia Pacific University (APU) Malaysia, aims to bridge the digital divide in National Research and Education Networks (NRENs) across lower-income regions. By offering tailored Generative AI (GenAI) training and resources, the project will empower NRENs with the skills and tools to enhance network operations, support research, and drive innovation in education, particularly for resource-constrained institutions.



As part of its commitment to advancing educational and network technology in Bangladesh, BdREN dispatched three participants to Malaysia to attend a pivotal curriculum development program held from 16 September to 20 September 2024. The program is centered around integrating GenAI into innovative educational, administration and network management systems, under the "Train the Trainer (TTT)" model.

This initiative is led by the AI for Innovative Design and Education (AIDE) project, under the auspices of the UNESCO Chair for Harnessing Innovations in Technology to Support Teachers & Quality Learning at Asia Pacific University (APU). In collaboration with AIDE, BdREN participants, along with trainees from LEARN (Lanka Education and Research Network), received expert instruction from trainers at APU.

The workshop, held in Malaysia, marks the first step in a transformative journey for BdREN's engineers and administrative staffs. The training will focus on leveraging GenAI for administration and network optimization, streamlining network operations, monitoring, and enhancing system efficiencies. After the in-person segment, the curriculum development will continue online, with collaborative efforts from both BdREN and LEARN until the curriculum is ready for pilot implementation.

This opportunity reflects BdREN's dedication to equipping its personnel with cutting-edge skills and technologies that will propel the research and education network to new heights in Bangladesh.



BdREN proudly sponsored the 4th International Conference on Electrical, Computer, and Communication Engineering (ECCE 2025), held from February 13-15, 2025, at Chittagong University of Engineering and Technology (CUET), Chattogram, Bangladesh.



BdREN proudly co-sponsored BITFEST 2025, a vibrant technology festival and competition organized by the Department of CSE of KUET. The event, held on January 3-4, 2025, at KUET campus in Khulna, brought together students from KUET and other similar universities across Bangladesh.



Bangladesh Research and Education Network (BdREN) was pleased to announce its role as a Silver Sponsor at the 2nd International Conference on Information and Communication Technology (ICICT) 2024, held on October 21-22 at Bangladesh University of Engineering and Technology (BUET).



Organizing Student Engagement Programs



On December 19, 2024, students from the Electronics and Communications Engineering (ECE) Department of Khulna University of Engineering and Technology visited BdREN Data Center and Network Operations Center.



On December 19, 2024, students from the Computer Science and Engineering (CSE) Department of the State University of Bangladesh visited the BdREN Corporate Office in Navana HR Tower, Niketon, Dhaka, and the BdREN Data Center at UGC Bhaban, Agargaon, Dhaka.

FUELING INNOVATION AT THE UNIVERSITY OF DHAKA'S ROBOTRONICS FEST 2025

Aug 09,2025



“For the first time, an open competition was arranged in our department... Deep Learning generally requires a very large dataset and many high-performance GPUs. BdREN provided this GPU support. To understand how good a GPU is, you look at how many calculations it can do. In our 8-hour challenge, I trained almost 150+ models. BdREN’s support was instrumental in my success.”

Sayed Mustakim

4th-year student, Dept. of Robotics and
Mechatronics Engineering, University of Dhaka
Champion, AI Challenge

BDREN PROUDLY SPONSORED SYNERGYX 2024: A LANDMARK EVENT FOR ACADEMIA AND INDUSTRY



SynergyX 2024, a national symposium organized by the CSE Discipline of Khulna University, took place on November 9-10, 2024 where BdREN was a proud sponsor.





AUDIT REPORT

FY 2024-2025



Nexia
in Bangladesh

ম্যাবস এন্ড জে পার্টনার্স

MABS & J Partners

Chartered Accountants

Independent Auditor's Report

To the Trustee Board of Bangladesh Research and Education Network (BdREN) Trust

Report on the Audit of the Financial Statements

Opinion

We have audited the financial statements of Bangladesh Research and Education Network (BdREN) Trust ("the Trust") which comprise the Statement of Financial Position as at June 30, 2025, and the Statement of Profit or Loss and Comprehensive Income, Statement of Changes in Trust Fund and Statement of Cash Flows for the year then ended, and Notes to the Financial Statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements give a true and fair view, in all material respects of the financial position of the Trust as at June 30, 2025, and of its financial performance and its cash flows for the year then ended and comply with the requirement of Trust Act 1882, International Financial Reporting Standards (IFRSs), and other applicable laws and regulations.

Basis for Opinion

We conducted our audit in accordance with International Standards on Auditing (ISAs). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Trust in accordance with the International Ethical Standards Board for Accountant's code of Ethics for Professional Accountants (IESBA Code), and we have fulfilled our ethical responsibilities in accordance with the IESBA Code and the Institute of Chartered Accountants of Bangladesh (ICAB) Bye Laws. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation of financial statements that give a true and fair view in accordance with (IFRSs) and comply with the Trust Act, 1882 and other applicable laws and regulations for such internal control as management determines is necessary to enable the preparation of financial statements that free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Trust's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Trust or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Trust's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists.

Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

Corporate Office:

SMC Tower (Level 5 & 7) 33, Banani C/A
Road 17, Dhaka-1213, Bangladesh
Phone : +880-2-222275057-58
+880-2-222275365-66
E-mail : info@mabsj.com
Web : www.mabsj.com, www.nexia.com



Chattogram Office :

Jahan Building 5 (Level 3)
74 Agrabad C/A, Chattogram-4100, Bangladesh
Phone : ১৬৬০১১২২ ১৬৬৬৬৬
E-mail : info@mabsj.com
Web : www.mabsj.com, www.nexia.com

Member firm of Nexia International, UK



As part of an audit in accordance with ISAs, we exercise professional judgement and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error; design and perform audit procedures responsive to those risks; and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances but not for the purpose expressing an opinion on the effectiveness of the Trust's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and based on the audit evidence obtained, whether a material uncertainty exists related to events or condition that may cast significant doubt on the trust's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the Trust's financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Signed for & on behalf of
MABS & J Partners
Chartered Accountants

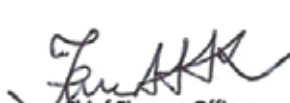




S H Talukder, FCA
Partner
ICAB Enrollment No: 1244
DVC: 2602181244AS172357
FRC Reg. No.: FRC-CAF-001-023

Place: Dhaka, Bangladesh
Dated: 18 FEB 2026

Bangladesh Research & Education Network (BdREN) Trust
Statement of Financial Position
As at 30 June 2025


Particulars	Notes	Amount in Taka	
		As at	
		30-Jun-2025	30-Jun-2024
ASSETS:			
A. Non-Current Assets		1,296,272,226	1,390,278,633
Property, Plant & Equipments	3.00	1,205,746,163	1,287,222,381
Intangible Assets	4.00	15,626,063	21,306,252
Long-Term-Advance	5.00	67,200,000	76,800,000
Loan to Employees	6.00	7,700,000	4,950,000
B. Current Assets		1,067,761,550	930,354,379
Accounts Receivables	7.00	227,636,534	130,622,749
Interest Receivable	8.00	18,710,279	8,433,253
Investment in FDR	9.00	690,000,000	690,000,000
Advance, Deposite & Pre-payments	10.00	93,888,762	88,004,472
Consumable stock	11.00	9,712	35,544
Loan to Employees	6.00	1,200,000	-
Cash and Cash Equivalents	12.00	36,316,263	13,258,361
Total Assets: (A+B)		2,364,033,776	2,320,633,012
TRUST FUND & LIABILITIES:			
C. Trust Fund		2,237,280,705	2,210,129,311
Capital Fund		896,700,000	896,700,000
Operational Fund		65,576,992	65,576,992
Donation and Grants	13.00	726,996,018	828,372,827
Accumulated Surplus	14.00	548,007,695	419,479,492
D. Current Liabilities		126,753,071	110,503,701
Accounts Payable	15.00	86,155,892	51,076,187
Liability for Expenses	16.00	8,835,458	9,244,616
Provision for Income Tax	17.00	29,957,992	32,061,018
Unearned Revenue	18.00	-	16,004,227
Advance Membership Fee	19.00	25,000	25,000
Fund for Reimbursement	20.00	72,871	-
Fund for DWDM Training		-	626,845
Other Funds	21.00	1,705,858	1,465,808
Total Trust Fund & Liabilities: (C+D)		2,364,033,776	2,320,633,012

The accompanying notes form an integral part of the financial statements.

 Chief Finance Officer	 Chief Executive Officer	 Vice-Chairperson	 Chairperson
--	--	--	--

Signed in terms of our separate report of even date annexed

Signed for & on behalf of
MABS & J Partners
Chartered Accountants


S H Talukder FCA
Partner
ICAD Enrolment No: 1211
DVC: **2602181244AS172357**
FRC Reg. No.: FRC-CAF-001-023

Place: Dhaka, Bangladesh
Dated: **18 FEB 2026**

Bangladesh Research & Education Network (BdREN) Trust
Statement of Profit or Loss and other Comprehensive Income
For the year ended 30 June 2025

Particulars	Notes	Amount in Taka	
		For the year ended	
		2024-2025	2023-2024
A. Operating Income		367,157,714	241,017,842
Annual Membership fee	22.00	3,841,786	5,651,436
Service Revenue	23.00	271,405,339	204,705,306
E-Resource Revenue		48,403,059	-
Other Revenue	24.00	43,507,530	30,661,101
B. Operating Expenses		392,099,665	362,736,483
Network Operational Expense	25.00	83,537,013	81,325,354
Network Maintenance Expense	26.00	43,525,821	31,290,249
E-Resource Expense		31,923,463	-
Salary and Allowances	27.00	58,512,531	51,783,833
Other General and Administrative Expense	28.00	18,400,575	19,047,837
Depreciation and Amortization Expense	29.00	131,852,514	161,749,976
Project Expense	30.00	24,347,749	17,539,234
C. Surplus/(Deficit) from Operations: (A-B)		(24,941,951)	(121,718,641)
D. Non-Operating Income		81,616,150	61,482,186
Income from Bank Interest	31.00	78,798,009	61,254,423
Rent Income	32.00	2,392,197	-
BeLISAC Project Fund Receipt	33.00	-	21,174
Other Non-Operating Income	34.00	425,944	206,589
E. Non-Operating Expense		773,494	907,685
Financial Expense	35.00	715,000	880,000
Bank Charges	36.00	58,494	27,685
Surplus/(Deficit) before Tax: (C+D-E)		55,900,706	(61,144,140)
Less: Income Tax Expense		28,957,861	7,800,729
Surplus/(Deficit) after Tax		26,942,845	(68,944,869)


The accompanying notes form an integral part of the financial statements.

 Chief Finance Officer
  Chief Executive Officer
  Vice-Chairperson
  Chairperson

Signed in terms of our separate report of even date annexed

Signed for & on behalf of
MABS & J Partners
 Chartered Accountants

Place: Dhaka, Bangladesh
 Dated: 18 FEB 2026


 S H Talukder FCA
 Partner
 ICAB Enrolment No: 1244
 DVC: 260 2181244 AS172357
 FRC Reg. No.: FRC-CAF-001-023

Bangladesh Research & Education Network (BdREN) Trust
Statement of Changes in Trust Fund
For the year ended 30 June 2025

Particulars	Amount in Taka				
	Capital Fund	Operational Fund	Donation & Grants	Accumulated Surplus	Total
Balance as at 01 July 2024	89,67,00,000	6,55,76,992	82,83,72,827	41,94,79,492	2,21,01,29,311
Add/(Less): Adjustment	-	-	1,56,28,566	(1,54,20,018)	2,08,548
Add: Surplus for the year	-	-	-	2,69,42,845	2,69,42,845
Add/(Less): Depreciation & Amortization	-	-	(11,70,05,375)	11,70,05,375	-
Balance as at 30 June 2025	89,67,00,000	6,55,76,992	72,69,96,018	54,80,07,693	2,23,72,80,704

For the year ended 30 June 2024

Particulars	Amount in Taka				
	Capital Fund	Operational Fund	Donation & Grants	Accumulated Surplus	Total
Balance as at 01 July 2023	89,67,00,000	6,57,46,174	99,24,22,935	31,63,63,719	2,27,12,32,828
Add: Adjustment	-	(1,69,181)	(23,00,132)	1,03,10,666	78,41,353
Less: Deficit for the year	-	-	-	(6,89,44,869)	(6,89,44,869)
Add/(Less): Depreciation & Amortization	-	-	(16,17,49,976)	16,17,49,976	-
Balance as at 30 June 2024	89,67,00,000	6,55,76,992	82,83,72,827	41,94,79,492	2,21,01,29,311

[Signature]
Chief Finance Officer

Chief Executive Officer

[Signature]
Vice-Chairperson

Chairperson

Place: Dhaka, Bangladesh
 Dated: **18 FEB 2026**



Bangladesh Research & Education Network (BdREN) Trust
Statement of Cash Flows
For the year ended 30 June 2025

Particulars	Amount in Taka	
	For the year ended	
	2024-2025	2023-2024
Cash flows from operating activities		
Net Surplus/(Deficit)	26,942,845	(68,944,869)
Depreciation & Amortization	122,252,514	152,149,976
Decrease Inventories	25,832	(20,893)
Amortization of Long-term Advance	9,600,000	9,600,000
Increase Advance, Deposite & Pre-payments	(4,373,145)	10,443,727
Increase Loan to Employee	(3,950,000)	(4,950,000)
Increase Advance for Tender Performance Security	(1,578,310)	(1,276,691)
Decrease Advance for Tender Security	370,000	(450,000)
Increase Accounts Receivables	(97,013,785)	(32,179,836)
Increase FDR	-	(30,000,000)
Increase Advance Income Tax Paid	(413,235)	(21,360,565)
Increase in Interest Receivable	(10,277,026)	(1,150,614)
Decrease Uncleared lodgement	110,400	(111,400)
Increase Accounts Payable	35,079,705	12,189,463
Increase Expense Payable	130,185	5,572,906
Increase Audit Fee Payable	65,000	-
Increase Suspense Account (Cr.)	158	-
Decrease VAT Payable	(578,946)	(989,067)
Decrease Withholoding Tax Payable	-	(179,270)
Decrease Other Payable	(25,555)	25,555
Increase Provision for Income Tax	(2,103,026)	(2,509,937)
Decrease fDLuDCf Project Fund	-	(565,209)
Increase Fund for Reimbursement	72,871	-
Decrease in Unearned Revenue	(16,004,227)	16,000,000
Increase other Funds	240,050	441,744
Decrease in Accumulated Depreciation	-	(8,282,299)
Decrease Fund for DWDM Training	(626,845)	592,808
Net cash provided by operating activities (A)	57,945,459	34,045,529
Cash flows from investing activities		
Sale/Disposal of Fixed Asset	-	10,769,431
Purchase of Non-Current Assets	(35,096,107)	(373,210,472)
Net cash used in investing activities (B)	(35,096,107)	(362,441,041)
Cash flows from financing activities		
Changes in Operational Fund	-	(169,181)
Change in Accumulated Surplus	101,585,358	172,060,641
Donations and Grants	(101,376,809)	(164,050,108)
Net cash used in financing activities (C)	208,550	7,841,352
Net Cash flows (Provided/Used) from all activities [A+B+C]	23,057,902	(320,554,160)
Add: Cash and cash equivalents at the begining of the year	13,258,361	333,812,522
Cash and cash equivalents at the ending of the year	36,316,263	13,258,361


 Chief Finance Officer


 Chief Executive Officer


 Vice-Chairperson


 Chairperson

Place: Dhaka, Bangladesh
 Dated: 18 FEB 2026

