

Bangladesh Ed-tech



November 2023



This report is based on data that shall be updated periodically. If you find any discrepancy in the numbers and have updated data, please feel free to reach out to: rubaiyath.sarwar@innovision-bd.com



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Acronyms

Artificial Intelligence AR Augmented Reality B2B Business-to-Business B2B2C Business-to-Business-to-Consumer Business-to-Consumer B2C **Ed-Tech** Educational Technology Enterprise Resource Planning ERP Learning Management System LMS Million Mn Billion Bn Thousand United States Dollar USD

VC Venture Capital Virtual Reality **VR** Kindergarten to Class 12 K-12 Software as a Service SaaS Information Technology IT Electronic Learning **E-learning** Search Engine Optimization SEO Bottom of the Pyramid BoP Information & Communication Technology **ICT** Megabits Per Second Mbps **MOOCs** Massive Open Online Course ML Machine Learning



Prologue

Bangladesh's Ed-Tech landscape stands at the crossroads of a transformative era. It is addressing critical gaps in digital abilities and secondary-level job skills among the youth. This report tells the story of how the Ed-Tech sector has grown and changed over time, looking at important turning points, challenges, and the enormous possibilities it offers. The market is expected to grow by more than USD 700 million by 2025, and it is expected to grow at a rate of 16.5% per year. This study shows the dynamic forces that are driving Bangladesh's Ed-Tech evolution. The sector's shows how powerful digitization can be in changing the future of education. This study gives an in-depth look at the current state of Ed-tech in Bangladesh and speculates on what the future may hold.



Key Insights



Ed-tech Market in Bangladesh

Right now there are 169 Ed-tech startups¹.

The ed-tech market in Bangladesh is expected to cross **USD 700 mn** by 2025².

Ed-tech startups received funding of **USD 7.95 mn** in 2022³.

Ed-tech sector ranks **3rd** among the country's most favored investment segments³.

The global market is expected to grow annually by **16.5%** over the period from 2022 to 2030, and is expected to expand 2.5 times from 2019 to 2025⁴.

Education Expenditure

Government education budget for FY 23: USD **62.87 mn** which is 1.8% of the GDP², whereas **India** spends 4.6%, **Afghanistan** and **Maldives** 4.1%, **Nepal** 5.2%, and **Bhutan** spends 6.6%⁵.

In Bangladesh each student spends **USD 20/month** on average for education expenses⁶.

The share of urban households paying for private tuition was 67% in 2010 while the corresponding share of rural households was 54%⁷.

Ed-tech Segments

The local education and Ed-tech market of Bangladesh can be divided into 4 segments: **K-12, Test Preparation, Continuous Learning and Enabling Service.**

Edtech in Bangladesh | All you need to know - Digital Mahbub

3. LightCastle Partners (2023).

Bangladesh Startup Investment Report 2022: A Year In Review (lightcastlebd.com)

4. Forbes (2022).

The Future Of EdTech (forbes.com)

Education system in Bangladesh needs to change | The Daily Star

7% Bangladesh families have to borrow to send children to school: Unesco | undefined (tbsnews.net)

^{1.} Innovision Consulting

^{2.} Digital Mahbub (2023)

^{5.} The Daily Star (2022).

^{6.} Sayduzzaman PMP (2020).

⁽²⁾ EdTech and market perspectives in Bangladesh | LinkedIn

^{7.} The Business Standard (2023)

Key Insights



Education Sector Scenario in Bangladesh

The Bangladesh education system has over **40.34 mn** students and over **18,874** educational institutions¹.

The Global Knowledge Index 2020 ranked Bangladesh **112th out of 138 countries**².

Bangladesh has the **lowest rank** with a score of **35.9** amongst all South Asian countries³.

84.9% of youth lack digital abilities and **57.8%** lack secondary-level job skills⁴.

Ed-tech Revolution

The Ed-tech industry in Bangladesh has started to develop since the **2000s** but took off in the last decade due to increasing digitisation⁵.

The average cost of an ed-tech course is **75% - 80%** less than what students would pay at a tutoring or coaching centre⁴. Traditional tutoring hampers creativity due to focusing on memorization⁶. Ed-tech startups can address this issue in a sustainable manner.

The Covid pandemic has accelerated the growth of Ed-tech companies by **17 - 25%** due to ease of access and lower costs⁴.

Country profiles | Knowledge For All (knowledge4all.com)

3. The Daily Star (2022).

Education system in Bangladesh needs to change | The Daily Star

4. The Business Standard (2023).

Bangladesh set for an EdTech revolution | The Business Standard (tbsnews.net)

5. Digital Mahbub (2023)
Edtech in Bangladesh | All you need to know - Digital Mahbub
6. Md. Bayezid Alam , and Zhiyong Zhu (2022). Shadow Education and Its
Academic Effects in Bangladesh: A Vygotskian Perspective
Shadow Education and Its Academic Effects in Bangladesh: A Vygotskian
Perspective - PMC (nih.gov)

Bangladesh Bureau of Educational Information and Statistics (2021).
 Bangladesh Education Statistics 2021_compressed-1-235.pdf (portal.gov.bd)
 Global Knowledge Index (2022)



Defining Ed-tech

- Means using technology based modern tools in order to facilitate and enhance teaching, learning, and various educational outcomes¹.
- Includes a lot of different kinds of digital resources, software, and hardware¹.
- A few examples include course administration platforms, applications, and adaptive software for online education¹
- May revolutionize teaching and learning by expanding people's access to information through bridging the communication gap between teachers and students².
- Brings up issues of digital inclusion, data security, and the necessity for innovative teaching methods³.

1 Investopedia (2022).

What Is EdTech? Definition, Example, Pros & Cons (investopedia.com)

2 Hexacta (2022).

EdTech: How Technology is Transforming Education | Hexacta

What are the Edtech Challenges and its Solutions? - TatvaSoft Blog







Major Segments in Bangladeshi Ed-tech

K-12

Kindergarten to College level curriculum covering all subjects.
Digital platforms providing schools and tutors facility of connecting with students online.

Upskill

Platforms providing industry oriented courses which help in improving the employability of Job-seekers. Platforms providing gig workers training/skilling and recruitment options.

Test preparation

Platforms providing test preparation services for competitive public and private exams. (SSC, HSC, BCS, Govt jobs, University admission, GRE, GMAT, IELTS, etc.

Enabling Services

ERP and LMS solutions for administrative operations, attendance, fee collection and other tasks.



Percentage share of Ed-tech in Bangladesh by Category

Edtech Categories	Details	No. of Startups	Percentage
K-12	Kindergarten to College level curriculum covering all subjects including SSC & HSC exams.	63	37%
Test Preparation	All kinds of test preparation.	9	5%
Upskilling & Continuous Learning	Technical and soft skills development courses.	56	33%
Enabling Services	Teaching assistance services like LMS, ERP, AI, VR, AR etc.	19	11%
Hybrid	Provides more than two category/product segments.	9	5%
Others	Provides service/product related to education but not under any of the above category.	11	7%
Total		169	100%



Edtech Startup Landscape: South and South-East Asia

Enabling Services (Backend)

ERP and LMS solutions for administrative operations, attendance, fee collection and other tasks. Includes other tech services to enable the educational institutions

B₂B















B2B2C















Enabling Services (Frontend)

K-12 Schools (Supplementary services, tutoring, etc.)

Test Prep: Public exams, university admission, govt. jobs

Upskilling & Continuous Learning

B₂B











B2B2C













Marketplaces & Aggregators













B₂C

















Edtech Startup Landscape: Bangladesh

Enabling Services (Backend)

ERP and LMS solutions for administrative operations, attendance, fee collection and other tasks. Includes other tech services to enable the educational institutions.

B₂B













B2B2C











Enabling Services (Frontend)

K-12 Schools (Supplementary services, tutoring, etc)

Test Prep: Public exams, university admission, govt jobs.

Upskilling & continuous learning

B₂B











B2B2C

















CODING

Marketplaces & Aggregators











B₂C























Ed-tech Market Size and Attainable Market

The ed-tech market in Bangladesh is expected to cross USD 700 mn by 2025¹.

According to the **Education Research Council,** which is an independent organization, the market size for the coaching industry is around USD **232 mn**².

The Ed-tech market may have the potential to capture the coaching industry market and grow exponentially.

1 Digital Mahbub (2023)

Edtech in Bangladesh | All you need to know - Digital Mahbul

2 Fintech Magazine (2021)

Edtech emerges as a red-hot business. How relevant will it be after the pandemic? - Fintech Magazine (fintechbd.com)



South-East Asia Regional Overview

	Bangladesh	Pakistan	India	Indonesia
Total population¹	169,356,251	231,402,117	1,407,563.84	273,753,191
K-12 ^{2,3}	29,051,371	55,400,000	250,000,000	55,918,396
K-12 as % of population	17.15%	23.95%	17.18%	20.44%
Total population distribution				
Rural ¹	61%	65%	63%	43%
Urban¹	39%	35%	37%	57%
Pupil-teacher ratio				
Primary (2018)¹	30.06	32.75 (2017)	44.08	17.04
Secondary (2018)¹	35.10	28.52	20.40	15.21
Lower secondary (2018)¹	37 (2017)	16	25	15
Upper secondary (2018)¹	29	29	33	15
Data cost (1GB 4G: 30 days) ⁴	\$1.67	\$0.88	\$1.88	\$2.40

Bangladesh has the lowest proportion of K-12 population compared to India, Pakistan, and Indonesia.

Still, the average pupil-teacher ratio existing is 32.58:1. This shows an existing gap which can be utilized by the ed-tech companies.

The internet cost is also the second-lowest in the region and this can provide with the scope to provide accessible and affordable technology for education.



¹ World Bank

World Bank Group - International Development, Poverty, & Sustainability

² International Trader Administration (2022

Dakietan Education (trade gov)

³ Statista (2018)

India: number of enrolled students by school type | Statista

⁴ Cable (2022)

Worldwide Mobile Data Pricing 2022 | 1GB Cost in 233 Countries (cable.co.uk)



Active VCs and Investors and Funding Landscape



Active VCs and Investors in Ed-tech in Bangladesh

Pre-seed/seed

Series A and beyond

VCs and Angel network

Govt Initiative

VCs and investment firms Angel network

Global













Bangladesh



ACCELERATOR













STARTUP BANGLADESH LIMITED™

Bangladesh has not yet seen much VCs and Angel investors funding startups beyond pre-seed and seed stage. Despite limitations some are investing in limited capacity. Also, because of economic uncertainty, inflations and overall situation, global funding has not raised that much

Future Startup (2023) Market-map: The state of edtech in Bangladesh - Future Startup



Edtech Startup Funding Landscape

Leading Startups	Product/Service	Description	Global Comparable	Funding Status
10 Minute School	K-12 Online Tutoring: Self Paced	K-12, live lectures and test preparation platform	Byju's	USD \$7.5 mn ¹ (Oct 23)
Shikho	K-12 Online Tutoring: Self Paced	K-12, live lectures and test preparation platform	Byju's	USD 6.5 mn² (March 23)
Thrive	Smart school enabling system	Digital coach and analytics platform	ReportBee/Classplus	USD 355 K³ (January 23)
Upskill	Higher Education courses	programs for working		USD 100 K ⁴



¹ Crunchbased (2023).

² Crunobbooo (2022)

hikho - Crunchbase Company Profile & Funding

³ Crunchbase (2023)

Thrive EdTech - Crunchbase Company Profile & Funding

⁴ Tracxn (2023)

Upskill | Tracxn



Startup Profiles



10 Minutes School

10 Minute School: Largest online education platform in Bangladesh.



Founded

2013

Founders

Ayman Sadiq

Company size

51-200 employees

Segment

Hybrid

Stage

Seed

Company Type

For Profit

Product/Services

K-12 Online Tutoring: Self Paced

Business model

B2B & B2C

Revenue model:

Commision Fees, Freemium, SaaS

More Information: 10 Minute School App: 10 Minute School - Online Learning Courses

Key metrics

Total Funding Amount USD 7.5 mn¹ 19440+ video lessons 1114+ SmartBooks 50000+ quizzes 1300+ blogs Global Comparable: Khan Academy

Consumer segment

K-12, Exam + Job Preparation, Skill Development

Key Investors





Conjunction Capital

Vision

Reduce geographic, economic, and financial barriers to quality education and make education accessible to everyone.

Shikho

Shikho is a Bangladeshi education technology startup on a mission to revolutionise the way Bangladesh learns today and democratise access to a high quality education



Founded

2019

Founders

Shahir Chowdhury and Zeeshan Zakaria

Company size

51-200 employees

Segment

K-12

Stage

Seed

Company Type

Startup

Product/Services

K-12 Online Tutoring: Self Paced.

Business model

B₂C

Revenue model:

Subscription, Pay as You Go

More Information: Shikho App: Shikho - The Learning App

Key metrics

Total Funding Amount: USD 6.5 mn Acquired Bohubrihi Acquired Mainly Coding

Consumer segment

SSC

Key Investors











Vision

Revolutionise the way Bangladesh learns today and democratise access to a high quality education.

Bohubrihi

Bohubrihi provides Professional online courses, training & degree programs for individuals and organizations in Bangladesh.



Founded

2016

Founders

Yanur Islam Piash

Company size

11-50 employees

Segment

Skill Development

Stage

Seed

Company Type

For Profit

Product/Services

Offers superior online courses, professional training and corporate eLearning services.

Business model

B₂C

Revenue model:

Aggregator, Subscription

More Information: Bohubrihi

Key metrics

100,000 registered users, 63 professional and skills-based courses with over 4,500 video lessons.

Raised USD 1.3 mn in seed funding from global venture capital firms.

Consumer segment

Skill Development

Key Investors



Vision

Students will be offered with opportunity to do some close to real-world projects curated by experts.

EduHive



EduHive: Digital Learning Platform (content from top coaching centers through B2C subscription model)

Founded

2018

Founders

Md. Nazmul Haque Sarker

Company size

11-50 employees

Segment

Hybrid

Stage

Seed

Company Type

For Profit

Product/Services

Concept Classes Live Classes Model Tests

Business model

B₂C

Revenue model:

Marketplace, Subscription

More Information: EduHive App: EduHive - The Learning App

Key metrics

Partnership with 50 coaching centers Partnership with coaching centres like UCC, Retina **Consumer segment**

SSC, HSC

Key Investors



Vision

To be the world's most creative learning platform.

Edu-techs

Edu-techs: Provides cutting-edge learning management solution that enables institutions and instructors to engage and collaborate with students



Founded

2019

Founders

Mohammad Ekram

Company size

11-50 employees

Segment

LMS

Stage

Pre-Seed

Company Type

For Profit

Product/Services

Learning Management System

Business model

B2B & B2C

Revenue model:

SaaS

More Information: 10 Minute School App: 10 Minute School - Online Learning Courses

Key metrics

1,500+ Registered teachers 150+ Enrolled Institutions HolonIQ 2022 Most Promising Edtech Startups

Top - 5 SheLovesTech Competition DataBird Startups Runners up

Consumer segment

Students, Teachers, Parents, Institutions

Key Investors

Angel Investor-Mohammad Maaz

Vision

Technology in education should be easy to use and adopt. Only then will we truly be able to democratize technology in education.

Eshosikhi

Eshosikhi.com is an one stop online platform providing students with 360 degree solution.



Founded

2016

Founders

S.M Tanveer and Sohel Ahmmed

Segment

Hybrid

Stage

Pre-Seed

Company Type

Private

Product/Services

Video tutorials and online examinations. Animated content in local languages

Business model

B₂C

Revenue model:

Subscription

App: EshoShikhi Learning App

Key metrics

Latest Deal Type: Early Stage VC

Company size

11-50 employees

Financing Status: Venture Capital-Backed

Consumer segment

SSC, HSC, Exam and Job Prep

Key Investors





Vision

Unlock the full potential of young students in the classroom and help them achieve their dreams for a brighter future

AlterYouth

AlterYouth is a platform where anyone can give scholarships online, directly to students in Government Primary Schools throughout Bangladesh.



Founded

2014

Founders

Asif U. Nabi

Company size

11-50 employees

Segment

Fintech (platform)

Stage

Seed

Company Type

Private

Product/Services

Transfers scholarships from its users to their respective students through mobile banking.

Business model

B₂C

Revenue model:

Marketplace

More Information: AlterYouth App: AlterYouth

Key metrics

Current Traction / Scale: 1,023 Literacy Scholarships, 150 BDT SC per scholarship **Consumer segment**

K-12

Key Investors





Vision

With the vision of a fully literate Bangladesh, AlterYouth is a P2P Scholarship Platform enabling individuals to start scholarships directly for students in Government Primary Schools throughout Bangladesh.

Caretutors

Caretutors.com: Tutor Booking Platform



Founded

2012

Founders

Masud Parvez Raju

Company size

11-50 employees

Segment

Supplementary services, tutoring, etc

Stage

Pre-Seed

Company Type

Startup

Product/Services

Home Tutoring Online Tutoring Group Tutoring

Business model

B2C

Revenue model:

Aggregator

More Information: Caretutors.com App: Caretutors - Hire The Right Tutor Today!

Key metrics

Bangladesh's first online platform for guardians, students and tutors to hire any verified tutor or find any tuition jobs

272,530 Active Tutors

Consumer segment

K-12

Tertiary education students

Vision

Connect the learner with the right tutor

CholPori

CholPori is a subscription based learning platform for primary school students.



Founded

2020

Founders

Zareen Mahmud Hosein

Company size

11-50 employees

Segment

K-12

Stage

Pre-Seed

Company Type

For Profit

Product/Services

Personal tutor Digital library Playground

Business model

B2C

Revenue model:

Subscription

More Information: CholPori

Key metrics

Social enterprise dedicated to creating a safe, fun and beautiful digital platform where children can learn and grow.

Consumer segment

Primary

Key Investors



Vision

Dedicated to creating a safe, fun and beautiful digital platform where children can learn and grow

ToguMogu

ToguMogu: An one stop online platform for all kind of parenting services.



Founded

2017

Founders

Waliullah Bhuiyan and Dr. Nazmul Arefin

Company size

11-50 employees

Segment

K-12

Stage

Seed

Company Type

Startup

Product/Services

Parenting Guide Parenting Services Daycare and Pre-school Baby Photography

Business model

B₂C

Revenue model:

Subscription, Marketplace

More Information: ToguMogu

App: ToguMogu

Key metrics

Latest Deal Amount: \$100K(\$30K according to Crunchbase)
Largest Parenting Community
150 K+ Families
45 K+ Children

Consumer segment

K-12, parents

Key Investors





Vision

Provide a wide range of products and services from online shopping and delivery of baby care products, and books, to providing educational consultancy and even facilitating finding a doctor for one's child, helping parents with childcare services

Roots Edu

Roots Edu: An e-learning platform intended to provide quality education to students



Founded

2019

Founders

Tahir Hasan Riddha

Company size

2-10 employees

Segment

K-12

Stage

Seed

Company Type

Private

Product/Services

K-12 online tutoring

Business model

B₂C

Revenue model:

Subscription

More Information: Roots Edu

App: Roots Edu

Key metrics

Fastest-growing EdTech startup of Bangladesh

500K+Happy Students

Consumer segment

K-12, test prep and competitive exams segment.

Key Investors

Investor Name	Investor Type	
Mehedi Hasan	Angel (individual)	
Omicon Tech Ventures	Venture Capital	
Rezaul Karim	Angel (individual)	

Vision

Build new technology, recreate the conventional teaching method and bring new ideas in the education sector of Bangladesh

Upskill

Upskill: Online Skill development courses. Also Learning Module (LMS), Video learning platform, Online Class Management Platform



Founded

2018

Founders

Fayaz Taher, Mustafizur Khan and Samad Miraly

Company size

1-10 employees

Segment

Enabling Services

Stage

Pre-Seed

Company Type

For Profit

Product/Services

Online live workshops Video lessons

Business model

B2B

Revenue model:

SaaS

More Information: Upskill

Key metrics

Similar business model like Coursera

Peer to peer skill sharing platform

Consumer segment

LMS + Skill Development

Key Investors



Vision

Help people to get desired job by providing skill based program

DigitalCoach

DigitalCoach: School management system and virtual classroom



Founded

2019

Founders

Proggo Pratik and Rafid Imran

Company size

11-50 employees

Segment

Enabling Services

Stage

Pre-Seed

Company Type

Startup

Product/Services

Exam preparation

Business model

B2B2C

Revenue model:

SaaS, Marketplace

More Information: DigitalCoach

Key metrics

Total funding amount: USD 55K Thrive renamed them as Digital Coach

50,000+ Students

1,700,000+ Questions Solved

Consumer segment

LMS

Key Investors





Vision

To help employees to set their goals by providing the coaching program to the individual's preferred learning style. Coaches measure progress and empower employees to keep moving forward to achieve their goals.

Sohopathi

Sohopathi: an online social platform connecting students and educators under a single umbrella.



Founded

2019

Founders

Shadman Majid, Raashid Mahdi

and Awsaf Alam

Company size

11-50 employees

Segment

K-12 Schools

Stage

Pre-Seed

Company Type

Startup

Product/Services

Daily Live Classes Top Mentors Courses Schedule Learning Live Test & Quizzes

Business model

B2C

Revenue model:

Subscription

More Information: Sohopathi

Key metrics

Total Funding Amount: USD 62 K

800,000+ Learners & Teachers

Consumer segment

K-12

Key Investors

Tiger IT Foundation





Vision

Create a Swiss army Knife for personalized peer-to-peer learning, where one can get help as a student and help others as a mentor simultaneously.

Interactive Cares

Interactive Cares is Country's first ever cloud & AI based virtual platform.



Founded

2017

Founders

Rare Al Samir

Company size

11-50 employees

Segment

Skills Development

Stage

Pre-Seed

Company Type

Private

Product/Services

Problem-solving, CV writing, entrepreneurship, graphic design, GRE, IELTS, interview-skills, master class, mathematics, Microsoft excel, personal branding, personal development, presentation, python, research, video editing, and web development.

Business model

B2B

Revenue model:

SaaS

More Information: Interactive Cares App: Interactive Cares

Key metrics

Funding USD 370 K

One Stop Virtual Edtech Platform for Creating Employability Through Courses, Career Paths & Learning Paths

Consumer segment

Skill Development

Key Investors







Vision

Maintain an unique platform which delivers both one to one learning solution & recorded course with a vision to extend the offerings regionally and globally, Interactive Cares is ready to move.

Light of Hope (LoH)



Light of Hope (LoH) is a project that aims to provide e-learning facilities to rural schools in Bangladesh.

Founded

2017

Founders

Waliullah Bhuiyan, Fakhrul Alam, Ahmed Ur Rahman, Dr. Nazmul Arefin and Md Zillul Karim **Company size**

11-50 employees

Segment

K-12

Stage

Pre-Seed

Company Type

For Profit

Product/Services

Kids Time Goofi Teachers Time

Business model

B2C

Revenue model:

Service-based

More Information: Light of Hope

Key metrics

Funding amount: \$30K.

Provides educational content, learning products, online and offline after-school activity, and training for teachers and parents.

Provides its products and services to over 200,000 families

Contents are used in more than 30 countries around the world.

Consumer segment

K-12, parents

Vision

Improve future skills like creativity, problem solving, emotional intelligence among children.

Classroom

Classroom is an online education platform which offers the complete academic solution to the students of Bangladesh.

FoundedFoundersCompany sizeSegmentStage2019Sharmina Zaman51-100 employeesK-12Pre-Seed

Consumer segment

Vision

e-learning platform for the students

Provide a comprehensive

of SSC and HSC.

SSC and HSC

Company Type

For Profit

Product/Services

Video lessons Live classes Online exam with paper evaluation Unique notes

Business model

B₂C

Revenue model:

Subscription

More Information: Classroom App: Classroom

Repto



Repto is an online video course marketplace with certification job placement system.

FoundedFoundersCompany sizeSegmentStage2015Istiyak Sheyam51-100 employeesSkill developmentPre-Seed

Company Type

For Profit

Product/Services

Online Skill development courses
White labeled LMS to companies

Business model

B₂C

Revenue model:

Marketplace

More Information: Repto

Consumer segment

K-12, skill development

Key Investors



Vision

Provide resources and courses for skill development.

Ostad

Ostad	is	а	learning	platform	that	offers	best	learning
experie	enc	e t	hrough o	n-live cou	rses.			

Founded **Founders Company size** Segment Stage Fahim Siddique Skill 2020 2-10 employees Pre-Seed Development and Shourov Barua

Company Type

Product/Services

Professional courses

Revenue

More Information: Ostad

Key metrics

Total Funding Amount: USD 127 K

Consumer segment

K-12, job seekers

Key investors

Investor Name

Mohammad Maaz

Vision

Provide a comprehensive e-learning platform for the students of SSC and HSC.

Tinkers

Tinkers is an online tutoring service

Founded

2020

Founders Mehedi H. Kakon and Mohammad Ruhul Ameen

Company size

2-10 employees

Segment

Education Services (Frontend)

Company Type

For Profit

Consumer segment

K-12 Schools

Product/Services

Tinkers AmarVasha Tinkers AmarVasha Bangladesh Tinkers Banglashikhi Tinkers Kotha **Tinkers Rupkotha** Tinkers Golpokotha

Business model

B₂C

Revenue model:

Marketplace

More Information: Tinkers **Technologies Limited**

Vision

Create the culture of running companies completely online.

Porte Chai



Porte Chai is a Bangladesh's smart on-demand academic & professional skill-sharing platform for university students.

Founded	Founders	Company size	Segment
2020	Tanveer Ahmed and	2-10 employees	K-12 Schools
	Raihan Gafur		

Company TypeFor Profit

Product/Services

Hassle and tension free payment process
Real-life classroom experience from home
Remove distance and save time
Scheduled teaching and learning experience

Business model	Revenue model:
B2C	Marketpla

Marketplaces & Aggregators

More Information: Porte Chai

Vision

Present an efficient path to help students anywhere, instantly.

Yoda

Yoda is the first ever Bangladeshi online education platform which connects students and teachers across the country

Founded	Founders	Company size	Segment
2017	Mohammed Salman	11-50 employees	K-12 Schools

Company Type

Private

Product/Services

Features For Parents Features For Tutors (Currently Under Development)

Business model

B₂C

Revenue model:

Marketplace

More Information: Yoda App: Yoda for Tutors

Vision

Solve the problems in the local market and then grow globally because our product solves the international problem of learning.

eShikhon



eShikhon is an online Live Freelancing Training Institute in Bangladesh.

Founded 2017

Founders

Company size 51-200 employees Segment

Employment and skills development

Company Type

For Profit

Product/Services

Online Live Training on Freelancing Computer IT Training Courses Skill Development Courses Career Development Courses

Business model

B₂C

Revenue model:

Marketplaces

More Information: eShikhon.com App: eShikhon.com



Eduera Limited is an platform for global skills development.

Founded

2019

Founders Ibrahim Hossain **Company size** 10,001+ employees **Segment** Skill development

Company Type

For Profit

Product/Services

Training and certifications

Business model

B₂C

Revenue model:

Marketplace

More Information: eduera

Shikhbe Shobai

Shikhbe Shobai is an online and offline learning platforms along with the support platforms will help one learn technology and creative skills

Founded	

Founders

Company size

Segment

Skill development

Raiyan Sofwan 2017

11-50 employees

Company Type

For Profit

Product/Services

Freelancing, Web Design, Graphics Design, Wordpress, Web Development, SEO, **Digital Marketing**

Business model

B₂B

Revenue model:

Marketplaces

More Information: Shikhbe Shobai

Key metrics

"Shikhbe Shobai" has trained 7630+ trainees so far Over 320K+ people are connected with them

Vision

create professionals for the national and international marketplaces by providing world-class smart IT education in Bangladesh.

Programing Hero



Founded

2018

Founders Jhankar Mahbub **Company size** 11-50 employees

Company Type

For Profit

Product/Services

Online coding courses

Key metrics

Users 1 mn 2000 +Job placement worldwide Review 33 K+

Business model

B₂B

Revenue model:

Marketplace

More Information: Programing Hero

App: Programing Hero



Business and Revenue Models in Ed-tech



Existing Business Models in Ed-tech

B2B	B2C	B2B2C	Marketplace/ Aggregator
The ed-tech firm makes revenue by selling to educational establishments like colleges and universities.	The educational technology firm caters to end users who are either students or their parents.	The ed-tech company works with educational institutions to provide its goods or services to their students or workers.	The ed-tech company acts as a link between schools, teachers, and students by putting them in touch with each other through its website.
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¹ Business Inspection (2021) EdTech Industry Overview: Bangladeshi EdTech Startups - Business Inspection BI

Revenue Models in Ed-tech

Subscription model	Freemium model	Pay-per-course model	Advertising model
The ed-tech company charges a subscription fee for access to its platform or content.	The ed-tech company offers basic services for free, but charges for premium features or content.	The ed-tech company charges a fee for individual courses or learning modules.	The ed-tech company generates revenue by displaying ads on its platform or content.
्रा निर्णि Scaretutors Connect, Learn & Explore	10 © EduHive	Shikho DUPSKILL DUPSKILL	Classroom [®] HURCHERAIN

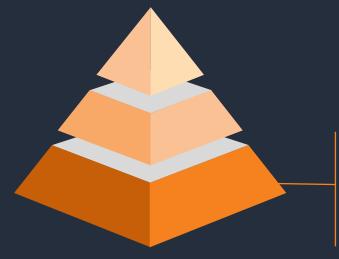


Assisted-tech Model Solutions

To tackle low digital literacy or solve access issue for BoP Population

Agent based models which adds a bridging layer between population with lower digital literacy or lack of access to digital tools, and provide services to help them have access to digital services/products.

	ED-Tech
WHY?	Blended learning model/Assisted learning model.
HOW?	Many students prefer to have real time assistance after finishing pre-recorded videos by e-learning platforms.
EXAMPLES	Assisted tech model or agent based ICT platforms are fueling the rise of gig-economy in Bangladesh.



Bottom of the pyramid (BoP) population of BD.

54.7 mn workers (89.9% of the workforce). Their average income 1486 USD/year.

Most of them use feature Phones and Low end smartphones (few of them use 3 mbps at top speed.





Bangladeshi Ed-tech Market Deep Dive



Current Tailwinds/Opportunities

Increased Internet Penetration	"Bangladesh's internet penetration rate stood at 38.9 percent of the total population at the start of 2023". With the rise in internet connectivity, more students and teachers are gaining access to online education platforms ¹ .
COVID-19 Pandemic	The pandemic has accelerated the adoption of ed-tech in Bangladesh as schools and universities were forced to shift to remote learning. This has led to increased demand for online learning platforms and tools ² .
Government Support	The government of Bangladesh has been supportive of the ed-tech industry, offering incentives to startups and introducing policies to encourage the growth of the sector ³ .
Growing Middle Class	As Bangladesh's middle class grows, more people are interested in online education as a way to give their children access to good schools ⁴ .
Young Population	Bangladesh has a youth population of 28% ⁵ , and there is a high demand for education and skill development. Ed-tech sites give young people a chance to get the education and skills they need to do well in the job market.

¹ Datareportal (2023)



Digital 2023: Bangladesh — DataReportal – Global Digital Insight

² Dhaka Tribune (2022

How the pandemic pushed EdTech into the forefront of education in Bangladesh (dhakatribune.com

³ EdTech Hub

Education Technology in Bangladesh | EdTech Hub

⁴ The Financial Express (2021)

Bangladesh's rising middle class: Myths and realities | The Financial Express

⁵ The Daily Star (2023).

Youths account for 28pc of population | The Daily Star

Current Headwinds/Challenges

Digital Divide	59% of rural households have no access to the internet and this digital divide creates a barrier for many students to access online education and limits the potential market for ed-tech startups ¹ .
Quality of Online Education	Even though ed-tech is getting better in Bangladesh, many students and parents still worry about the quality of online education. If there aren't enough trained teachers and uniform lessons, it can be hard to learn ² .
Competition from Traditional Education	Even though ed-tech is getting better, traditional education is still very important in Bangladesh. Many families prefer to spend their money on traditional education, like private tutoring.
Rural students	The user number of urban students are getting higher but rural student are not getting enough facility to access digital platform for education. The gap would have to be minimized.



l The Daily Star (2020) Digital access dismal in rural Bangladesh | The Daily Star 2 Future Startup (2023). Market man: The state of edtech in Rangladesh - Future Startur

Mega-trends Reshaping the Ed-tech Industry

High Capital Inflow	Changes in technology and the digitization of business have pushed companies to keep developing the skills of their employees. At the same time, internet access has become cheaper, and tools for online education have gotten better ¹ .
Merger and Acquisition	Edtech players are merging and partnering to achieve scale and efficiency ¹ . Shikho has acquired Bohubrihi and Mainly Coding in order improve their product portfolio and reach out to a large number of people ² .
Upskilling and Personalized Learning	More technology is being used to make learning experiences that are tailored to each learner's wants and hobbies ¹ .
E-Learning	The increasing availability and popularity of online courses and programs, including Massive Open Online Courses (MOOCs) ³ .
Microlearning	The delivery of small, focused, and bite-sized learning content to facilitate learning on the go ³ .
Mobile Learning	The use of mobile devices and apps to provide learning opportunities and access to educational resources
Cultural Shift	There is a cultural change in Bangladesh toward using technology in education. More students and teachers see how using technology can help them learn better.
No more four walled-world	Digital platform opens the door of gaining knowledge and learning through online assessment. It creates a hybrid educational method. So, there is no need of boring traditional classroom/study-room ⁴ .

¹ Mckinsey & Company (2022)



Education technology: Five trends to watch in the EdTech industry | McKinse

² The Business Standard (2022)

Shikho buys coding platform 'Mainly Coding' Lundefined (the news net)

³ Thinkific

Top Edtech Trends for 2023 (thinkific.com)

⁴ Dhaka Tribune

https://www.dhakatribune.com/opinion/op-ed/314120/edtech-is-only-beginning-in-bangladesh

Impact of Pandemic and Rise of Ed-tech in Bangladesh

The pandemic made physical tutoring more difficult².43 mn students were at home. During this time, Ed-tech has prospered. Ed-tech also has the advantage of charging between 75% and 80% less than standard tuition and coaching³.

The pandemic has strengthened the industry-wide reach of online education and the technologies that support it. This helped the Ed-tech industry grow by 17 – 25% each year¹.

Ed-tech startups globally raised USD 10.76 bn in funding in 2020, a significant leap from USD 4.7 bn in 2019⁴. This has happened largely due to the impact of global pandemic.

Lessons from Neighboring countries: How Indian Ed-techs utilized the pandemic

India is an example of a country in South Asia where online education has prospered. The lockdowns have sped up trends that were already happening in the edtech sector, such as the adoption of the National Education Policy 2020, greater access to education and teachers, and the demand for upskilling and remote learning.

By 2025, it is expected that the K-12, test preparation, online licensing, and skill development parts of the Indian Ed-tech Market will be worth USD 10.4 bn⁵.

The pandemic drove the education industry to quickly adopt online learning tools and technologies. This led to a rise in the use of ed-tech⁶.

1Sayduzzaman (2020)

(2) EdTech and market perspectives in Bangladesh | LinkedIn

2 The Financial Express (2023). How are the students who earn by tutoring?

How are the students who earn by tutoring? | The Financial Express

3 Markedium (2022)

Renaissance Of Ed-Tech Industry In Bangladesh | Markediun

4 Future Startup (2021)

Bangladesh Tech Briefing: 12 Observations About EdTech Market in Bangladesh Plus Dorik, Evaly, Shikho, and Tap - Future Startur

5 Dhaka Tribune (2022)

How the pandemic pushed EdTech into the forefront of education in Bangladesh (dhakatribune.com

Rusiness Insider India (2021)

From Byju's to Eruditus — India now has four edtech unicorns, thanks to a \$4 billion fund flowing in since 2020 | Business Insider India



Leading the Ed-tech Scenario in Bangladesh: 10MS and Shikho

10 Minute School

10 Minute School is a ed-tech startup founded by Ayman Sadik back in 2015. Their current vision is to eliminate geographical and economic barriers between students and quality education in Bangladesh and around the world. 10MS offers online education content and courses for students from classes six to twelve. They also provide skill learning and job preparation materials to students.

App users: 3 mn+¹ Employees: 300¹

Subscribers (all social media): 15 mn+²

25,000 classes and skill courses¹

Students reached: 10 mn+

Journey:

2015: Launched²

2016:Collaborated with the ICT Division to teach in different schools across the country². Robi Axiata Limited, the second-largest mobile operator in the country, became the title sponsor of 10 Minute School².

2017: Won the Asia-Pacific ICT award in the e-learning category on behalf of the Asia Pacific ICT Alliance.

behalf of the Asia Pacific ICT Alliance.

2018: Launched the 10MS app in playstore².

2019: WSA Award in the Learning & Education category

2020: The 10 Minute School app was featured on Google Play's "Best of

2020" list in the "Personal Growth" category

2021: Raised USD 2 mn in investments from Sequoia Capital¹

Shikho

Shikho is an ed-tech startup founded by Shahir Chowdhury and Zeeshan Zakaria back in 2019. Shikho believes that now is the right time to revolutionize technology in the education sector of Bangladesh. Shikho uses technology and mentors to provide education to students across the country. The platform offers a range of courses and content to students focused on the K-12 section.

App users: 1 mn+ Employees: 300+³

Registered users: 300 K+³ Daily active users: 350 K³ Students reached: 2.5 mn⁴

Journey:

2019: Launched. Initially made a course on mathematics. Won Grand Prize at the Seedstars Dhaka 2019 competition.

2020: Launched the Shikho app and raised USD 275 K in pre seed round³

2021: Raised USD 1.3 mn, acquired Bahubrihi³

2022: Raised USD 4 mn, acquired "Mainly Coding"³.

The Daily Star (2021)

10 Minute School raises \$2m seed funding | The Daily Star

2 Business Inspection (2021)

History & Rise of 10 Minute School: Largest Online Classroom of Bangladesh - Business Inspection BD

Business Inspection (2022).

Journey and Operation of Shikho: Largest Investment Raised by Any Bangladeshi EdTech Startup - Business Inspection BD

How the pandemic pushed EdTech into the forefront of education in Bangladesh (dhakatribune com).

Vision- 10 minute school - one of the largest and best online education platforms: [Essay Example], 1435 words

Shikho - Digital Learning for Bangladesh





In 2020, the Ed-tech field saw its first huge growth. Venture capital put about USD 16.1 bn into the business sector. Before that, the industry got USD 500 mn in funding in 2010. The money shows that foreign inventors have seen growth opportunities in India's Ed-tech business.

The main reasons for Ed-tech's rise are lead nurturing, higher education, and getting better at what you already know. MOOCs are becoming more and more famous. If the industry grows at the same rate for the next ten years, it is projected to be worth USD 30 bn¹.

- Dedicated customer support teams are utilized throughout the sales funnel to provide leads and efficient support. This is another factor in lead cultivation that has contributed to the recent success of Ed-tech.
- The majority of Ed-tech companies send timely follow-ups to leads. Thus, their rate of prospect conversion is quite impressive.
- Ed-tech companies provide student-specific content. These brands have made it possible for students residing in remote areas to receive a first-rate education by expanding access to education.
- Recent innovations including video-assisted remote learning, immersive learning, and on-demand learning have significantly contributed to the expansion of the sector.

1 Corefactors (2022). How EdTech Industry in India is Booming with Lead Nurturing (corefactors.in



Future Possibilities of Ed-tech in Bangladesh





Convincing customers through solid success stories consumers

Conquering the "signaling" part.

Community or Socialization

Assessment & certification Community of social media. In platform community can bring positive rewards.

> Winning strategy for K-12 or post

K-12 or post
Assessment & K-12 Ed-techs

Assessments with recommendation of learning materials is the way forward.
Analytics can be helpful to track progress.

Certification

Signaling (that the candidate

is competent or skilled)

Marketing the data: Candidate acceptance into better academic institutes or job placement rates.



Consolidating different market segments

Targeting a niche segment

Ed-tech companies often specialize in niche segments, such as K-12/test preparation/employment/skills courses or backend (LMS/ERP) solutions.

Providing comprehensive solutions

Ed-tech companies are already leading the way in terms of providing comprehensive services.

These companies target a variety of segments such as K-12 courses, test-preparation and professional courses.

Examples of this can be 10-minute school and Upskill.



Incorporating of Augmented Reality/Virtual Reality

The global value of AR/VR in Ed-tech is expected to exceed USD 99 bn by 2027¹.

Benefits of AR/VR	Challenges
Improved learner engagement Boosts retention Allows experiential learning Allows for more personalized learning	Higher costs Lack of technical know-how Inadequate content



Catering to different classes of consumers, particularly BD3 or BoP

Consumer Class*	Bangladesh 1/BD1	Bangladesh 2/BD2
Definition	Internet Consumers (3G/4G Mobile +Broadband) Consuming Class Formal Employment White Collar	Internet Users (3G/4G Mobile) Serving Class Formal or Informal Employment Beige to Grey Collar
Working Members (total 60.8 million)	1 mn (1.6%)	5.1 mn (8.4%)
Per Capita Income	More than 5000 USD/year	Average 3196 USD/year (between 4999-2000 USD)
Education	Tertiary Educated (University)	Tertiary Educated (University + Degree college + TVET Diploma)
Digital Devices Owned	High-end smartphones, laptop/PC, Tablets, Smart TVs, High speed broadband internet. (15 to 35 MBPS at top speed) Medium range smartphones, Either laptop or PC, Mobile internet. (5 to 10 MBPS at top speed)	
Digital Goods Consumed	Youtube, Facebook, WhatsApp, LinkedIn, Bkash (app), Instagram, Foodpanda, Pathao/Uber.	Facebook, Youtube, WhatsApp, Tiktok, Imo, Bkash (service), Pathao

^{*}There are few startups serving the bottom of the pyramid market at this moment.

Where the focus should be

Bangladesh 3/BD3 (BoP)

Internet Users (2G/3G Mobile) Producing class Informal Employment Grey to Blue collar, and no collar (elementary occupations)

54.7 mn (89.9%)

Avg 1486 USD/year (between 2000 to 1200 USD)

SSC/HSC/TVET Educatedor below

Feature Phones and Low end smartphones (3 mbps at top Speed)

Facebook, Whatsapp, Viber, Imo, BKash (service)



Opportunities for Ed-tech Players in Bangladesh

Bridging the Student-Teacher Ratio Gap	Student teacher ratio currently is 30.05:1, this ratio can be balanced through inclusion of ed-tech platforms ¹ .
Focusing on Gamification of Ed-tech	According to the TalentLMS survey, 84% of respondents believe that gamification makes them more engaged, and 85% claim they would spend more time using software if it's gamified ² .
Partnering with Universities	Can be hugely beneficial in this regard as they have established brands and physical space ³ .
Focus on Hyper-Personalized Learning	In 2023, hyper-personalized learning will make it easier for teachers to help their students in the best way possible. Artificial intelligence (AI) and machine learning (ML) will make it possible to make and give each person a unique learning experience that focuses on their weaknesses and strengths ⁴ .

1 The Global Economy (2018)

Bangladesh Student teacher ratio, primary school - data, chart | TheGlobalEconomy.con

Prorbes (2022). The Future Of EdTech

The Future Of EdTech (forbes.com)

3 Financial Express (2020).

EdTech: Personalising learning is key to success | The Financial Express

4 Entrepreneur (2023)

Future Of Edtech Start-ups Will Be Powered By a New Wave Of Innovations | Entrepreneur



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