



MASTER OF SCIENCE
**TECHNOLOGY
MANAGEMENT &
ENTREPRENEURSHIP**
Suleman Dawood School of Business

IMAGINE YOUR FUTURE

MESSAGE FROM THE HONORARY DEAN



Dr. Alnoor Bhimani
Abdul Razak Dawood Chair,
Honorary Dean, Suleman
Dawood School of Business

Few things are as powerful in moving humankind to the next stage of evolution as technological advancement. Old technologies such as calendars, compasses, and ships and newer ones such as smart tablets, digitised systems, computers, robots, blockchain systems, smart cities, and artificial intelligence have all made our lives easier, faster, and better in different ways. Today, civilisation and technology have become inseparable from one another. It is this that makes management capability essential in taking technological innovations forward. Similarly, entrepreneurs seek innovative solutions to financial, social, and practical issues. They change the way we live, work and experience things. The Master of Science (MS) in Technology Management and Entrepreneurship is a programme that will take you to the heart of technological, entrepreneurial, and societal issues so you can engage in intelligent disruption and drive desirable changes in people's lives.

If you want to be in the driving seat of change rather than a rider, join the Suleman Dawood School of Business (SDSB) and become a force of positive change. Come and see how this MS degree will help you move the world forward while creating value.

MESSAGE FROM THE PROGRAMME DIRECTOR



Sarah Pervez
Teaching Fellow

Technology and innovations are developing at an increasing rate as new products and services are rapidly improving our lives in significant ways. Tech innovation managers and entrepreneurs who know how to lead technological changes in entrepreneurial practices are high in demand to capitalise on process and product development opportunities. This unique and integrated programme by SDSB provides you with an opportunity to lead your future as an entrepreneur and innovator. We offer an exciting classroom environment for you to grasp how to identify big problems and view them differently to create unique and creative solutions. World-class faculty, an Executive-in-Residence, industry mentors, an applied approach and access to incubators, technology labs, engineering and design resources prepare you to focus on entrepreneurial and innovation processes by which inventions and creative ideas are brought to market to create meaningful impact.

The MS Technology Management and Entrepreneurship programme aims to immerse and nurture a generation of technically grounded leaders in a world of innovation and entrepreneurship opportunities through one year of rigorous coursework. You will benefit from small class sizes and dedicated faculty advisors that provide one-on-one guidance. In terms of aptitudes and skills, you will develop a combination of technical and business expertise relevant to large incumbent firms and start-up ventures alike. For the capstone, you will be doing a field placement that will enable you to assess emerging technologies and be exposed to vibrant entrepreneurial and business ecosystems.

If you share a strong drive and passion for both technology and entrepreneurship and aspire to impact the world, we are waiting for you to join our community.

SULEMAN DAWOOD SCHOOL OF BUSINESS

The Suleman Dawood School of Business (SDSB) at LUMS is Pakistan's top business school. Its high calibre students, distinguished faculty, established recruiters, and institutional and environmental impacts are all testimony to this. Since its inception, SDSB has produced highly skilled graduates who have the ability to lead, transform and create long-lasting impact in business and society.

SDSB is internationally recognised; it is Pakistan's only business school to have achieved accreditation by AACSB International —The Association to Advance Collegiate Schools of Business (AACSB). Just around 5 per cent of the world's business schools currently hold this distinction. SDSB's AACSB accreditation speaks to the quality of its education and research, enabling it to stand out not only in the region, but around the world.

Research and teaching at LUMS extends its 'Learning Without Borders' perspective across the University's community by breaking academic, geographic and socio-economic barriers to make education accessible to all. The University continues to be an intellectual hub, rich with varying perspectives and transformative ideas. With an environment brimming with inclusion, unity, and boundless knowledge, learning continues in and beyond the campus walls with the aim to develop innovators, leaders and change-makers who can contribute to the community and build strong, borderless networks.



LUMS and SDSB continue to build a new tomorrow.

Placed in the top
116
institutions in QS Asian University
Rankings 2023

50%
scholarship awarded to all
women admitted to graduate
programmes at SDSB

Among top
200
universities worldwide and top
50
in Asia for employability in
QS Graduate Employability
Rankings 2022

800+
indigenously developed
case studies on local
industry

Among top
200
universities for Business and
Management Studies in QS
World University Rankings 2022
by Subject

SDSB is a Harvard Business
Publishing content partner

Among top
250
universities for Accounting and
Finance in QS World University
Rankings 2022 by Subject

Fully funded merit scholarships
available for local and
international students

Placed between
201-250
Asian Universities by Times
Higher Education Asia University
Rankings 2022

Participant-centred and
experiential learning focusing
on industry diagnostics and
entrepreneurial drills

THE MASTER OF SCIENCE IN TECHNOLOGY MANAGEMENT AND ENTREPRENEURSHIP

The Master of Science (MS) degrees are 1.5-year programmes envisioned to provide an intensive, rich, and innovative understanding of the intersection between business fundamentals and a focused specialisation area.

A blended learning approach is adopted to expose students to the business world's realities and challenges. This instructional perspective is applied throughout the Master of Science programmes, presenting students with a diversity of learning technologies, case studies, readings, simulations, and industry engagements. It reinforces participant-centred learning, providing a truly transformative and interactive experience.

THE BLENDED LEARNING METHODOLOGY AT SDSB SEEKS TO ENSURE

1

ACADEMIC SUCCESS

To improve learning

2

LINKAGES

To improve connection between theory and practice

3

ENGAGEMENT

To increase students' active participation in class and motivation for learning in their specific areas

The MS in Technology Management and Entrepreneurship aims to develop candidates' entrepreneurial mindset and drive innovation. The programme encourages entrepreneurship and digitalisation, taps into emerging fields and opens up careers in various organisations from technology start-ups and large established companies to consulting firms, public organisations, project management and innovation management spaces. Expert faculty members from SDSB, along with other schools at LUMS and from the industry, will teach in the programme, making it a 'no-borders' initiative. The Executive-in-Residence for this programme is an accomplished industry leader who provides practical insights and imparts specialised field knowledge to students.

The programme will prepare leaders who can meet the needs of the digital future, drive technological advances and digitisation within enterprises. Graduates will spur technological adoption, innovation and effectiveness, underpinned by sound business management.

As an MS Technology Management and Entrepreneurship graduate you will:

- Understand the technology management ecosystem, including the legal, social, ethical, and economic aspects of technology management in the local and global context
- Assess the commercial viability of new technologies, business models and opportunities to create, identify, and capitalise on opportunities in the technology sector
- Lead digital transformation, address organisational challenges, and value-creation within enterprises through technological and business insight
- Effectively combine understanding and knowledge of technology and entrepreneurship to identify and drive innovation, and bring new products and services to the market



MEET THE EXECUTIVE-IN-RESIDENCE



BADAR KHUSHNOOD

Co-founder, Fishry.com and Bramerz

"My unique and innovative role as an Executive-in-Residence for this programme is evidence of SDSB's renewed commitment and approach towards a truly futuristic and agile degree. As the knowledge economy rises to the global stage, the essential role of digital transformation, technology innovation and entrepreneurship in the economic development of countries is becoming highly recognised. Preempting this trend, the MS Technology Management and Entrepreneurship programme aims to provide a sustainable channel of knowledge transfer between the industry and academia to empower its most important asset, students! In this programme, we actively seek a broad range of industry engagements, including but not limited to joint collaborative ventures, exchange of ideas for commercialisation, entrepreneurial motivation and hands-on training for cutting-edge skill sets. Given my industry experience of over two decades in Pakistan's digital journey and entrepreneurial ecosystem, I am confident that this programme will open many avenues of more interesting synergies. I would encourage all aspiring students to make full use of this opportunity."

INDUSTRY PARTNERS

Industry partners play an essential role in the advancement and education of MS Technology Management and Entrepreneurship students. Our connections with the industry help ensure that the programme is responsive to industry trends and meets both student and employer needs. Through directly applicable coursework and faculty mentorship, along with the guidance of the Executive-in-Residence, students gain skills and the confidence to harness the power of cross-disciplinary teams to put innovation to work for their companies, their industries and the world. Everything we do is aimed at creating value for our industry partners.

Representing diverse industries, from consumer technology to health innovation to government institutions, some of our top industry partners this year have been Bykea, CureMD, Daraz, Devsinc, Finja, Karandaaz, Microsoft, Mobilink Jazz, NETSOL Technologies, P@sha, Shaikat Khanum Memorial Cancer Hospital and Research Centre, Siemens, Systems Limited, and Zameen.com among others. These companies also regularly engage with our students via field placement projects in the Fall semester. Students address their current challenges or provide insights to shape the future of products or services for their business.



YASSER BASHIR

Co-founder & Chief Executive Officer, Arbisoft

“A serious shortage of tech-savvy middle management afflicts most businesses in the tech sector, especially start-ups. It is a double whammy because the vacuum created by this shortage is often filled by senior engineers who leave their engineering career tracks to assume management positions, for which they are often not ready. Consequently, both management and technology suffer. The MS Technology Management and Entrepreneurship programme is a great initiative to help this situation. The timing of this programme could not have been better. Graduates of this programme will help established tech companies break their size plateaus and help new start-ups that will be ready for growth-stage challenges over the next few months and years.”

ZEESHAN H. BAIG

General Manager, Syngenta Pakistan

“This is a strong programme, launched at the right time. It will prepare graduates to be well-equipped with the changing digital ecosystem and will help produce strong leaders for the tech industry, fulfilling industry requirements.”

MS TME CLASS OF 2022

MALE
52

FEMALE
48



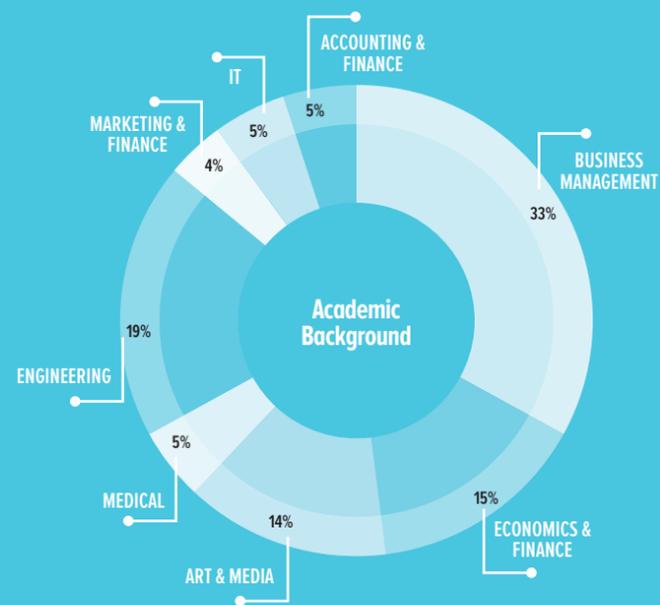
AVERAGE AGE

25
YEARS



AVERAGE EXPERIENCE

2
YEARS



Note: MS programmes are classified from the induction year and not the graduating year



PROGRAMME OUTLINE

The MS Technology Management and Entrepreneurship programme requires 1.5 years to complete 33 credit hours. Classes will be scheduled on weekends.

CORE COURSES

- Applied Data Analysis
- Business Economics
- Financial Management and Accounting
- Marketing Management
- Organisations and Leadership

SPECIALISED COURSES

- Business Venture Proposal Writing
- Technology and Operations Management
- Technology, Design, and Innovation Management
- Technology Entrepreneurship
- Technology Policy and Management

FIELD PROJECT/THESIS

THE STUDENT EXPERIENCE



ARHAM HASIB ILAHI
Class of 2023

"The Technology Management and Entrepreneurship programme at SDSB has equipped me with the opportunity to develop a balance of technical and business expertise through learning and relearning to achieve my career objectives and aspirations. Not only have I had the chance to grow as a leader and innovator, but I have also formed significant relationships with peers from diverse backgrounds and professions. I would recommend this programme to anyone who wishes to explore the possibility of a career as an entrepreneur and innovator as the prospects are endless."



FATIMA ZAHID
Class of 2023

"As a professional with a technical background, learning the dynamics of the business industry, a combination of technology and entrepreneurship was something that fascinated me. Upon first learning about the MS TME programme, it felt like this degree is designed for a person like me. It starts with broader business courses in the beginning to specialised technology-centric entrepreneurial courses around the end. At this point, I can surely state that this is exactly what I had in mind regarding this programme."



ADMISSION CRITERIA

Admission is purely merit-based and rests solely on the following criteria:

Academic Record

A minimum of 16 years of education leading to a Master's or Bachelor's* or equivalent degree in a relevant discipline including Business, Management and Commerce. A student with a non-business background may be required to take pre-requisite courses to be determined by the LUMS Admissions Committee depending on the academic background of the applicant. Options to do this will be given to accepted applicants requiring pre-requisite courses.

**Applicants holding only a Bachelor's degree of less than four years' duration will be required to produce an equivalence certificate issued by the Higher Education Commission (HEC), Pakistan. Prior university studies must be from an institution recognised by the HEC, Pakistan.*

Performance in Admission Test

Applicants are required to take the GRE (General) or Graduate Management Admission Test (GMAT) or NTS GAT (General) to be considered for admission.

For further details on GRE (General), GMAT and NTS GAT (General), please visit www.ets.org, www.mba.com and www.nts.org.pk

Note

- GRE (General)/GMAT taken more than 5 years before the admission deadline will not be accepted.
- NTS GAT (General) taken more than 2 years before the admission deadline will not be accepted. A cumulative score of 50 in GAT (General) is a requirement for admission.
- If the applicant has taken more than one test, the best score will be considered for application evaluation.
- For equivalency details for the GRE (General) and GMAT, please see: https://www.ets.org/gre/institutions/admissions/interpretation_resources/mba_comparison_tool/

Statement of Purpose

Applicants will be asked to submit a written statement of purpose. It should identify in clear terms why they think they are suited to the programme. They should state how the degree will enable them to achieve their career goals.

Two Recommendation Letters

Recommendation letters should indicate the applicant's academic performance, commitment to excellence and strong aptitude for business education. These can be from professional as well as academic referees.

Work Experience

The programme does not require prior work experience. Students may however benefit from having worked before in a relevant industry.

Submission of Online Application, Application Processing Fee and Online Supporting Documents

The complete online application, application processing fee and supporting documents should be submitted by the stipulated deadline. Submission of a minimum of two recommendation letters is compulsory.

Application Review

The relevant committee to analyse the admission decision will review shortlisted applications. Applicants are encouraged to provide complete information regarding their academic achievement, research reports, attended workshops, extracurricular activities and must tell LUMS about their significant experiences that can strengthen their applications.

Interview (if called)

Only short-listed candidates will be called for interviews.



Scan the code for more information

FINANCIAL SUPPORT

Financial support is available to all eligible local and international applicants applying to our Master of Science programmes.

Merit Scholarship

75% scholarships are awarded to the top 3 candidates admitted to the programme.

Women Scholarship

Fostering, celebrating, and advancing women's leadership in business, a 50% tuition fee waiver will be awarded to all admitted female students.

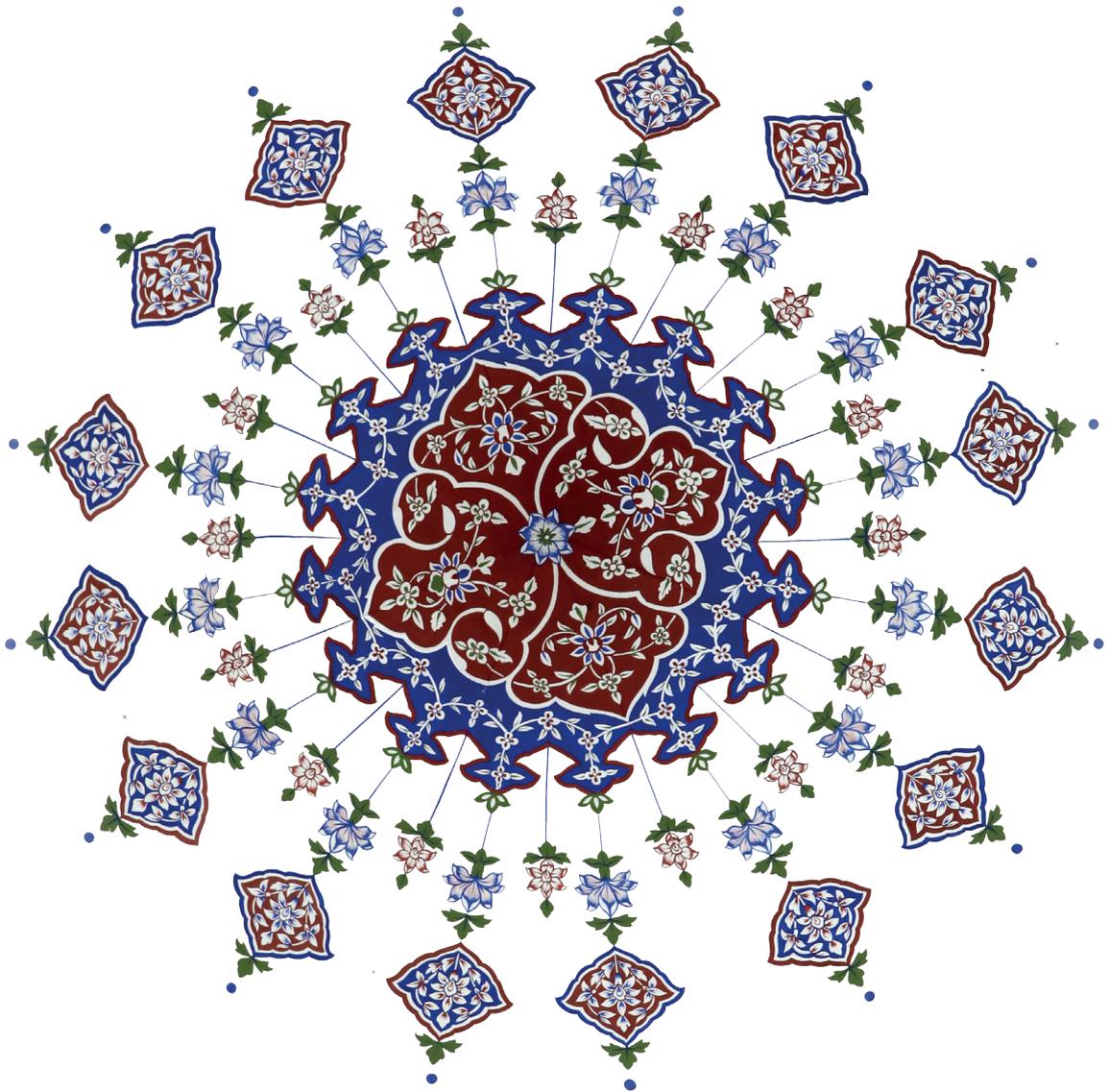
LUMS Interest-free Loan

LUMS offers interest-free loans to local MS students based on their annual financial needs assessment. These loans cover partial to full tuition fee expenses.



Scan the code for more information





LUMS

A Not-for-Profit University

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#LearningWithoutBorders