

Exploring
Opportunities,
Support, and
Success Pathways

ENTREPRENEURSHIP IN STEM FOR WOMEN IN EGYPT





GROWING STEM SECTORS IN EGYPT

- Tech Startups: Opportunities in AI, cybersecurity, fintech
- Renewable Energy: Egypt's focus on sustainability opens doors
- Health and Biotech: Telemedicine, medical devices, biotech



WHY ENTREPRENEURSHIP IN STEM MATTERS

- Drives innovation, economic growth, job creation
- Women-led startups contribute diversity and unique perspectives
- Opportunities from Egypt's startup ecosystem and initiatives



IDENTIFYING A BUSINESS IDEA IN STEM

- Solve real-world problems in areas you're passionate about
- Conduct market research on demand, competitors, customer needs
- Start small with a niche focus and expand with feedback



BUILDING A BUSINESS MODEL

- Define Value Proposition: What problem does it solve?
- Revenue Streams: How will it make money (e.g., sales, partnerships)
- Cost Structure and Resources: Outline costs and funding needs



RUNNING A STEM BUSINESS

- Understand product development, sales, customer service
- Manage finances, including budgeting and accounting
- Invest in continuous learning and adapt to changes



FUNDING OPPORTUNITIES FOR WOMEN ENTREPRENEURS

- Government grants and incentives for STEM startups
- International grants for women in tech and innovation
- Angel investors and venture capital for female entrepreneurs



NETWORKING AND MENTORSHIP PROGRAMS

- Programs offering mentorship (e.g., STEM Women, Egypt STEM)
- Networking groups connecting female entrepreneurs with experts
- Online platforms for knowledge exchange and support



EDUCATIONAL RESOURCES AND TRAINING PROGRAMS

- Online courses on entrepreneurship, digital marketing
- Workshops organized by universities or STEM organizations
- STEM incubators and accelerators for hands-on support



INTRODUCTION TO BUSINESS PLAN ACTIVITY

- Goal: Create a concise business plan for a STEM startup idea
- Importance of a business plan for direction and investment



ACTIVITY INSTRUCTIONS

- Step 1: Define business idea, target market, value proposition
- Step 2: Outline revenue streams and cost structure
- Step 3: Summarize goals and key milestones for the first year



REFLECTION AND SHARING

- Share mini business plans with a partner for feedback
- Discuss challenges and insights gained from planning



GOVERNMENT AND PUBLIC SECTOR SUPPORT

- Technology Innovation and Entrepreneurship Center (TIEC)
- Ministry of Communications and IT programs for tech startups
- Egyptian Agency for Renewable Energy (NREA) for sustainability



PRIVATE SECTOR AND NGO SUPPORT

- Egypt Ventures and Flat6Labs for funding and resources
- NGOs like Enactus Egypt empowering young entrepreneurs
- Accelerators and innovation hubs with mentorship and training



EMPOWERMENT THROUGH ENTREPRENEURSHIP

- Entrepreneurship offers opportunities for women to innovate and lead
- Overcoming challenges requires resilience and continuous learning
- Women entrepreneurs contribute to a more inclusive STEM ecosystem



FINAL THOUGHTS AND ENCOURAGEMENT

- Perseverance and community support are key to success
- 'Your ideas can change industries—pursue them with passion and purpose'
- Make use of resources and networks on your entrepreneurial journey