

# preneurship Programme



## Nitesh Shivapooja

Analyst  
Google Inc



“The peers, professors and staff have been of great inspiration. One of the most valuable components about TIP is the international exposure and opportunities to widen my horizon to think big and global. It also provided me with immense confidence due to the numerous pitches to venture capitalists and potential investors.”

## Migi Manalastas

Founder  
OptiCode HIM Solutions



“The TIP is a unique East meets West course that combines the best of both worlds. This course has made me aware of my strengths and weaknesses as an entrepreneur. It has empowered me with a positive attitude towards risk and failure. If last year I would have said “I can’t do it”, today I understand myself enough that I can confidently say “I can wing it”.”

## Fees

Programme Fee	SGD 48,000
Application Fee	SGD 53.50

## Programme Fee includes the following:

1. Tuition, student card, examination, computer fee, copyrights and amenities.
2. Instructional materials: User license for case studies and simulation software.
3. Overseas Immersion Programme:
  - Return economy class airfare to the U.S.
  - Accommodation in the U.S.
  - Entrepreneur fast track certification programme at Stanford University
  - Corporate visits

A note to students: the programme fee does not include accommodation and living expenses in Singapore.

## Financial Assistance / Award

- **NTC-MSc TIP Study Grant** (up to SGD15,000) All applicants seeking admission to MSc TIP are eligible to apply for the study grant, which is merit-based and will be awarded to selected candidates.
- **NTC-MSc TIP Merit Award** (up to SGD10,000) All candidates who are enrolled into the programme will be considered for merit award based on performance and achievements in the programme.
- **ASEAN Graduate Scholarship** (<http://admissions.ntu.edu.sg/graduate/scholarships>)
- **SPRING Capability Development Grant** ([www.spring.gov.sg/cdg](http://www.spring.gov.sg/cdg))
- **Productivity & Innovation Credit (PIC) Scheme** ([www.iras.gov.sg/irasHome/PIcredit.aspx](http://www.iras.gov.sg/irasHome/PIcredit.aspx))

## Application

Please log on to [www.ntu.edu.sg/ntc](http://www.ntu.edu.sg/ntc) to download the application form.

## Contact Information

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Nanyang Technopreneurship Center  
Research Techno Plaza, BorderX Block, 2nd Storey  
50 Nanyang Drive, Singapore 637553  
Tel: +65 6316 6778 / +65 6790 6675 Fax: +65 6792 0467  
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International institutions that NTC collaborates with in various programmes and activities:

Bandung Institute of Technology | European Forum for Entrepreneurship Research | Ewing Marion Kauffman Foundation | International Council for Small Business | Peking University | Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences | Stanford University | Tsinghua University | University of California, Berkeley | University of Illinois at Urbana-Champaign

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Nanyang Technopreneurship Center

SINGAPORE



Develop an enterprising mindset

# BE A GLOBAL ENTREPRENEUR

## MSc TIP

Master of Science Technopreneurship & Innovation Programme

# A Revolutionary Entre



## Adrian Chye

General Manager  
Mediafreaks Group



“I would not have embarked on my entrepreneurial undertaking if not for the “experiential learning” gained during my TIP days. The programme did provide me with the technical know-how and network to kick-start my first venture, but more importantly, it inspired me to take the most difficult first step.”

## Fannie Kue

General Manager  
JFDI.Asia Pte. Ltd



“Meeting real investors, serial entrepreneurs, faculties and even course mates was an inspirational experience; TIP taught me practical and useful skills to be a true and educated entrepreneur.”

# DESIGNED FOR THE 21<sup>st</sup> CENTURY GLOBAL ENTREPRENEUR

The MSc TIP is a unique programme that marries theory with practice. It emphasises experiential learning and incorporates real business perspectives in its curriculum. The course is modelled after the venture creation cycle, and covers issues at various stages of a start-up's growth. Candidates have the opportunity to engage with various stakeholders in the entrepreneurship ecosystem throughout the programme, which includes an immersion trip to the U.S.. The MSc TIP has helped many graduates in developing an enterprising mindset and transforming their business dreams into reality.

This programme is suitable for entrepreneurs, business executives, and professionals who are involved in corporate entrepreneurship or innovation projects concerning education, training, administration, and policy making.



## ABOUT NTU

Young and research-intensive, Nanyang Technological University (NTU Singapore) has 33,500 students in the colleges of engineering, science, business, humanities, arts, and social sciences. Its medical school is set up jointly with Imperial College London. NTU has more than 400 international partnerships and is also home to world-class institutes and global research breakthroughs.

## ABOUT NTC

Established in 2001, the Nanyang Technopreneurship Center (NTC) is one of Asia's leading centres of excellence for technology entrepreneurship education – synergising with ever-evolving industries and technologies to develop entrepreneurial leaders with a global competitive edge.

## Associate Professor Hooi Den Huan

Director

Nanyang Technopreneurship Center



## “NURTURING A COMMUNITY OF PASSIONATE GLOBAL ENTREPRENEURS AND SPECIALIST TECHNOPRENEURS

To achieve sustainable success in one's entrepreneurial venture, one needs to be equipped with the 4 Ps - Purpose, Passion, Perseverance and Principles.

A meaningful Purpose will help to strengthen and sustain one's Passion, which is the love for what one does. Perseverance is critical for sustainability and against all odds. Principles is fundamental - any sustainable success must be built on trust and integrity - without which all else will fall apart.

In NTC, we encourage students to “Make a Meaningful Difference to Humanity” through entrepreneurship and we welcome you to the community of passionate Nanyang Technopreneurs.



SINGAPORE LEARNING



OVERSEAS IMMERSION



## MODULES AND COURSES

### Entrepreneurship & Business Planning

Equips candidates with knowledge and tools on business plan development for generating and translating entrepreneurial ideas into successful ventures.

### New Venture & Entrepreneurial Marketing

Introduces entrepreneurial marketing concepts along with sophisticated marketing strategies and practical approaches for application in entrepreneurial situations.

### Intellectual Property & Technology Evaluation & Commercialisation

Investigates models and tools for effective management of Intellectual Property (IP) including patents, copyright, trade secret, with emphasis on the identification of appropriate options and methods to exploit business opportunities.

### Strategic Management for New Ventures & Technology Firms

Explores strategic tools and frameworks for entrepreneurs to create and sustain competitive advantages in the complex business environment.

### Venture Capital Financing

Explores high-risk financing from both entrepreneurial and venture capitalists' perspectives and develops financing strategies for different stages of venture life cycle.



### Accounting for New & Ongoing Ventures

Introduces practical accounting knowledge and equips candidates with analytical skills in an entrepreneurial setting.

### Strategic Human Resource Management for New & Ongoing Ventures

Focuses on manpower issues and entrepreneurial team dynamics to address challenges in a venture growth.

### Seminars on Special Topics in Technopreneurship

Engages distinguished speakers from both academia and industry to take participants through specialised fields relating to technopreneurship and innovation.

### New Venture Creation: Implementing Business Strategy & Managing Growth (Simulation)

Participants work in teams to run a simulated start-up company for two consecutive financial years (condensed into a few days) in a realistic global business setting – working with guidance from instructors and mentors to assume the roles of founders and top executives to make critical decisions and manage business operations.



### Developing New Business Models

Participants form “venture teams” to evaluate real-life technologies or business opportunities and develop business models and strategies for new ventures.

### Technology, Innovation & Design

Focuses on how start-up companies identify technology and customer needs and how to manage the design and innovation process to create sustainable competitive advantage.

### Sustainable Leadership & Strategy Innovation

Focuses on the nature of sustainable entrepreneurial leadership and deals with entrepreneurial leadership knowledge, skills, abilities, vision and execution including team building, negotiation and decision making across the venture life cycle.

### Corporate Finance & Merger & Acquisition

Introduces the principles of financial management by analysing corporate financial problems in on-going ventures, which include equity and debt financing, managing corporate growth, cash flow analysis, risk management, and real options.

### Entrepreneurship Case Study Project

Participants undertake case writing projects to identify real-life entrepreneurial problems and challenges and propose strategic solutions.

## ADMISSION & DURATION

### Course Duration (Full-time and part-time options available)

Full-time : 1 Year  
Part-time : 2 Years

### Course Intake

July each year

### Admission Requirements

- A good bachelor's degree (or equivalent) in any discipline of study from a recognised university or tertiary institution.
- Proficiency in English language. Non-native English speaking applicants from countries where English is not an official language are required to take the Test of English as a Foreign Language (TOEFL) or the academic International English Language Testing System (IELTS). An overall minimum band score of 6.0 on the IELTS or equivalent is required for consideration for admission.
- A strong passion in entrepreneurship.
- Work experience is preferred.

### Application Deadlines

1st Phase : 31st December  
2nd Phase : 28th February (Full-time programme)  
31st March (Part-time programme)

\* Study grant application must be received by 31st December.

“Through a unique TIP pedagogy, which combines seminar-workshops, case analyses, role-playing, active interaction, share-learn-teach approaches and experiential learning processes, the MSc TIP engages your mind and inspires the entrepreneur in you.”

### Dr Xia Zhiqiang

Programme Director  
MSc TIP