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UGC Website : www.ugc.ac.in



विश्वविद्यालय अनुदान आयोग
बहादुर राह जफर मार्ग
नई दिल्ली-110002

University Grants Commission
Bahadurshah Zafar Marg
New Delhi-110002

CIRCULAR

No.F.6-1/2013(IC)

April, 2015

Sub: Short term summer scholarships at the Tel A Viv University.

Tel Aviv University, Israel is offering short term full scholarship Programme. The details of the scholarship are available at <https://portal.telavivuniv.org/createprofile.php> The deadline for applications is **30th April, 2015.**

There is no financial liability on the part of UGC for this Programme.

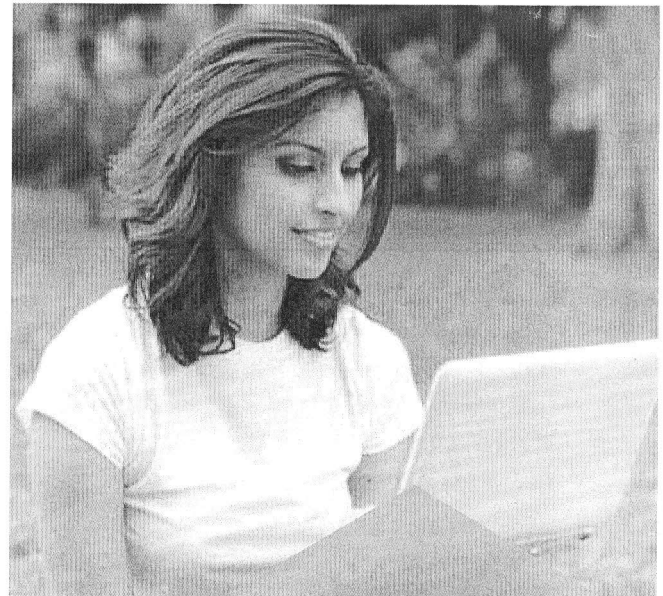
Details about the scholarships are attached herewith.

Education Officer

**FULL SCHOLARSHIPS
FOR OUTSTANDING STUDENTS FROM INDIA**

JUNE 17–JULY 16, 2015

CYBER SECURITY IN THE START-UP NATION



**TEL AVIV
UNIVERSITY
SUMMER INSTITUTE
2015**

This new and unique program will enable students to gain know how from the proven creativity, innovation and quality of Israeli science and technology. Over the past few years, Cyber Security has become of utmost importance in our global world. Israel in general and Tel Aviv University specifically have taken over a critical role as leaders in the field of Cyber Security.

The courses have been built to suit students from the exact sciences as well as those students with other backgrounds such as Humanities, Social Sciences and Law. Together, Israeli and international students will study and discuss issues of the cyber world and the cyber warfare.

Beyond the two top-level academic courses, students will participate in an exciting social and cultural program.

FUNDAMENTAL TECHNOLOGIES OF CYBER SYSTEMS

Amit Kleinman (3 credits)

The purpose of this course is to explore many fundamental technologies of cyber systems by providing an overview of many topics. The topics included are the following: cyber security objectives, computer structure limitations and vulnerabilities, communication networks, the evolvement of the

internet and its operational model, protocols and their vulnerabilities, the web network and its inherent dangers, cloud computing and associated security challenges, fundamental cryptography and tools, common attacks, attack infrastructures, and defense (protocols and tools).

GENERAL INTRODUCTION TO PROGRAMMING

Amir Rubinstein (2 credits)

Computers and computer communication have experienced a revolution in the last 30 years. Following this technological revolution, computers are widely used in most modern societies, and in fact society itself has been changed in many non-technological aspects. Most users of computers and powerful processors

(e.g. in smart phones) are not aware at all of what happens "under the hood".

In this course, we will introduce some of the elegant concepts and ideas underlying Computer Science. We will demonstrate course topics using a modern programming language called Python.

Courses are subject to change. For information and updated dates please refer to our website.

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FULL SCHOLARSHIPS FOR OUTSTANDING STUDENTS FROM INDIA

CYBER SECURITY IN THE START-UP NATION

ADMISSION AND SCHOLARSHIP

The application process is done entirely online

The following will have to be submitted:

- Official transcript – general grade point average requirement of 80 on a scale of 100, or 3.0 on a scale of 4.0
- Two academic recommendation letters
- Demonstrate command of English exams: TOEFL test results (minimum score: written 582, computer-based 223, or iBT 89) or the IELTS test (minimum score: 7)
- Scholarships are only offered to currently enrolled students in a university in India
- Application fee of \$60

Under a unique Israeli Government Sponsorship, excellent students from India will receive a scholarship covering full tuition costs for the program, including housing in Tel Aviv University student accommodation.

HOUSING AND FACILITIES

Students will be placed in our renovated dorms, adjacent to the Tel Aviv University campus. Dormitories are divided into suites of two bedrooms shared by two students per bedroom. Each suite is furnished and includes an air conditioner, cable TV, wireless, kitchenette and bathroom.

SERVICES AND SOCIAL LIFE

Outside of the classroom, an extensive program of cultural and social events gives students the chance to experience all that Tel Aviv and Israel have to offer. You will enjoy the following:

- Orientation day before the start of the program
- Organized excursions to cultural destinations and subject-related sites of interest
- Social activities including on-campus events, museum visits, city tours and more
- 24/7 support from our madrichim (social counselors), living in the dorms with the students
- Health insurance
- Access to our libraries and other on-campus services

APPLICATION DEADLINE APRIL 30, 2015

ABOUT TEL AVIV UNIVERSITY

Tel Aviv University is Israel's largest and most comprehensive university, attracting talented students and renowned faculty from around the globe. Scoring high in global rankings, the university has a strong interdisciplinary focus and collaborates closely with many leading institutions in the USA and Europe. The campus is located in Tel Aviv, the financial and technological capital of Israel – which is known for its entrepreneurial atmosphere and large number of start-up companies. With the growth of high-tech industries, the Tel Aviv metropolis has become an international hotspot for business and innovation – an ideal setting for an enriching study experience.

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FULL SCHOLARSHIPS
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AUGUST 2-27, 2015

BUSINESS ENTREPRENEURSHIP IN THE START-UP NATION AND THE CHANGING MIDDLE EAST

The Tel Aviv University Business Entrepreneurship in the Start-Up Nation and the Changing Middle East summer program offers an outstanding opportunity for students to analyze business entrepreneurship in the context of a world in constant revolution.

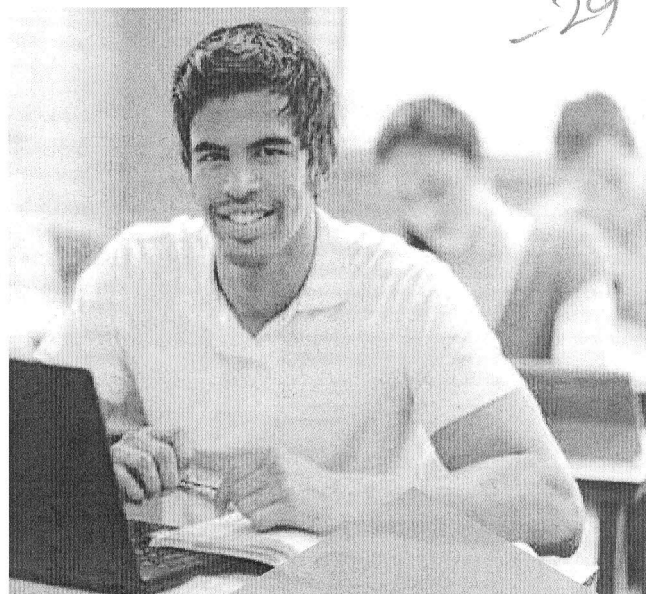
Beyond the two top level academic courses, students will participate in an exciting social and cultural program.

BUSINESS ENTREPRENEURSHIP: ISRAEL AS A CASE STUDY

Dr. Gil Avnimelech (3 credits)

The purpose of this course is to explore the many dimensions of new innovative venture creation, development and financing. We will deal with issues such as sources of ideas, type of opportunities, idea development, IP protection, business plan writing, business model design, stages of start-up development, lean startup approach, and sources of finance for new innovative ventures. The examples, cases and guest lectures presented in the course will be taken from the Israeli high tech industry.

Introduction module Present the entrepreneur's role in the global economy as an agent of change and accelerator of innovation and economic development.



TEL AVIV
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SUMMER INSTITUTE
2015

Second module Sources of ideas, opportunity identification, and idea development.

Third module Market analysis, business planning, and business model design.

Fourth module Discuss the unique characteristics of start-up companies and its implications on development and strategy. Introduction to the lean startup approach.

Final module Venture capital market including business angles, crowdfunding platforms, accelerators and technological incubators, venture capital funds, and corporate VC. Discuss the characteristics, the advantages and disadvantages for the start-up of being financed by each type of investor.

THE STRATEGIC REVOLUTION IN THE MIDDLE EAST: THE ROOTS OF THE 2011 ARAB UPRISINGS

Dr. Rachel Kantz (3 credits)

Writing in the New York Review of Books, Robert Malley and Hussein Agha noted that in today's Middle East, "Games occur within games: battles against autocratic regimes, a Sunni-Shiite confessional clash, a regional power struggle, a newly minted cold war. Nations divide, minorities awaken, sensing a chance to step out of the state's confining restrictions. The picture is blurred. These are but fleeting fragments of a landscape still coming into its own, with only scrappy hints of an ultimate destination. The changes

that are now believed to be essential are liable to be disregarded as mere anecdotes on an extended journey."

This course will explore the roots of these highstakes "games within games," and attempt to identify the important questions to ask about the roots of this blurry picture of the new Middle East landscape. Together, we will begin to delve into the history of the region in order to provide important context for the sea-changes which took place in 2011.

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BUSINESS ENTREPRENEURSHIP IN THE START-UP NATION AND THE CHANGING MIDDLE EAST

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