



Azrieli -College of Engineering Jerusalem

Prof. Avigdor Zangvil
Deputy Head, Department of Advanced Materials Engineering

College: facts and figures

- *Founded 1999*
- *About 2000 students in 2013-2014*
 - 76% students from Jerusalem & Surroundings*
 - 30% female students*
- *About 50 faculty members*
- *About 250 adjunct faculty*
- *Alumni*
 - About 1800 graduates*
 - 87% working as engineers*
 - 21% studying toward advanced degrees*

College structure:

- Non-profit public institution ... *Registered Association*
- Financing ... *Planning and Budgeting Committee*
... *Council for Higher Education (CHE)*
- Tuition ... *in line with Universities*
- Managed ... *Board of Governors*
... *Executive Committee*
... *Academic Council*

College structure:

- ➔ **Software Engineering**
(computer communications and decentralized systems)
- ➔ **Advanced Materials Engineering**
(Materials for Microelectronics)
- ➔ **Industry Engineering and Management**
(Information Systems & Operations Management)
- ➔ **Electrical & Electronics Engineering**
(Communications & VLSI & Signal Processing & Computer Engineering)
- ➔ **Pharmaceutical Engineering**
(with )
- ➔ **Mechanical Engineering**
(MEMS)
- ➔ **Civil & Environmental Engineering**
(with )
- ➔ **Pre-Academic Program**

College structure:

... Departments in Development ...

2014-2015

- ➡ ***B.Sc. Environmental Technologies Engineering***
(Water-Energy-Nexus)
- ➡ ***M.Sc. Software Engineering***
(Decentralized systems)

2015-2016

- ➡ ***M.Sc. Technological Entrepreneurship Engineering***
(For Engineers)

Department involved:

- *Advanced Materials Engineering*
 - ... *Classical Materials Engineering*
 - ... *Materials for Microelectronics*



The Campus Today



The New Campus

Stakeholders interested in the project outcomes/activities:



Prof. Eitan Manor
Materials Engineering

Vice President of Academic Affairs
Head, Department of Advanced Materials Engineering

Research Interests:

Ceramic-Metal Composites
Nanostructured Ceramics
Hydrogen Embrittlement



Prof. Avigdor Zangvil
Materials Engineering

Deputy Head, Department of Advanced Materials Engineering

Research Interests:

Processing of Ceramics and Ceramic Matrix Composites
Advanced Ceramic Armor Materials
Ceramic Phase Equilibria and Solid Solutions
Sintering and Properties of Nanoscale Ceramics



Dr. Rakefet Ofek Almog
Materials Engineering

Research Interests:

Polymer-based nano-technologies
Conductive polymers
Composite materials
Development of implanted electrode devices
Electrochemical characterization of biochips and electrode devices



Contacts:

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