Innovation and Collaboration in a Global World: The View from Israel

Eli Shmueli - MEITAL - The Israeli Inter-University Centre for e-Learning
MEITAL (IUCEL) Inter-University Center for E-learning

Fuel, boost, promote and advance E-learning/educational technology in Israeli higher education institutions through national and international collaborations.

**MEITAL’s** members include:

- 9 universities
- 20 academic colleges
MEITAL’S ACTIVITY

Development & Instruction

Community

Technology
MEITAL’S ACTIVITY

International Projects

Infrastructure

Research
# MEITAL’s Technologies

<table>
<thead>
<tr>
<th>Technology tools</th>
<th>Domain</th>
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<tbody>
<tr>
<td><strong>DEVLION</strong></td>
<td>LMS/Moodle</td>
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<tr>
<td><strong>SysBind</strong></td>
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<tr>
<td><strong>Panopto</strong></td>
<td>Video</td>
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<tr>
<td><strong>Kaltura</strong></td>
<td>Originality</td>
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<tr>
<td><strong>Annoto</strong></td>
<td>Synchronous learning</td>
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<tr>
<td><strong>Unicko</strong></td>
<td>Data Base</td>
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<td><strong>zoom</strong></td>
<td>Accessibility</td>
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<tr>
<td><strong>GOOL</strong></td>
<td>Content creation</td>
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<tr>
<td><strong>Moodle</strong></td>
<td>Mathematical Solutions</td>
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<tr>
<td><strong>H5P</strong></td>
<td>Exams</td>
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<tr>
<td><strong>moodlesoft</strong></td>
<td>International Companies</td>
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<td><strong>neway</strong></td>
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<td><strong>VYX</strong></td>
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<td><strong>LOMAX</strong></td>
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<td><strong>Gartner</strong></td>
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<td><strong>MERLOT</strong></td>
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<td><strong>SLOAN-C</strong></td>
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*Sharing, Innovating, and Collaborating in a Global World: The View from Israel | Jul 14, 2020*
The Annual MEITAL Online Conference - Teaching and Learning

Technologies Accelerating Higher Education July 1, 2020
MEITAL’s activity during the covid-19

Synchronized systems for 25 HE institutions, more than 22,000 lecturers, online transcription and accessibility solutions

License agreements
MEITAL’s activity during the covid-19

MEITAL’s website

License agreements

Important resource with extensive, up-to-date information that received thousands of visits
MEITAL’s activity during the covid-19

Social Communities

MEITAL’s website

License agreements

A professional WhatsApp group and an active Facebook page with 1,400 views per day.
MEITAL’s activity during the covid-19

On-Line Webinars
Social Communities
MEITAL’s website
License agreements

20 multi-participant online learning sessions for tech teams and academic lecturers.
3 Challenges

1. Quick and dirty synchronous solutions
2. Extend Teaching Methods
3. Testing, Evaluation & Assessments
The 1st challenge

• **STAY HOME!**

• Find technologies that can replace the traditional face-to-face teaching and learning.

• **Quick and dirty** - Mostly synchronic solutions

• Duplicate the syllabus and the course structure to the online...
Tools for the Synchronic Learning

- Zoom
- Google Hangouts Meet
- Webex Meetings
- NewRow, a Kaltura company
- Microsoft Teams
- BigBlueButton
- Streamitup
After a few weeks of online learning, we recognized that we need to move to the next step and additionally to the synchronic models, to present to our audience digital tools that can support a variety of teaching methods, such as A-synchronous learning, blended learning, collaborative learning.
The 2nd challenge - Blended Learning

Synchronous

- Web meetings
- Live content collaboration (Google drive, …)
- Realtime polls (Mentimeter)
- Whiteboards (mind maps)
- Note boards (Trello)

A synchronous

- Forums
- Quizzes
- Assignments
- Surveys
- Interactive video (H5P)
- Video annotation (Annoto)
- Peer assessment (Rubric based)
The 3rd challenge

Test, Evaluation & Assessments

Open

• Assignment
• Forum
• Peer review (+rubric)
• Blog
• Wiki
• Mind map

Closed

• Quiz + closed questions
• Questionnaire/Survey
• Interactive video (H5P)
• Auto evaluation

Plagiarism

Proctoring

AI based
Tools for Testing, Evaluation & Assessments

proctoru
Think Academy
OMAX
Perusall
Proctortrack
Originality
PROCTOR EXAM
turnitin
E-Learning instructions website

8500 views per day

64% new visitors
<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post Reach</td>
<td>3,920</td>
<td>193%</td>
</tr>
<tr>
<td>Post Engagements</td>
<td>643</td>
<td>297%</td>
</tr>
<tr>
<td>New Page Likes</td>
<td>44</td>
<td>780%</td>
</tr>
</tbody>
</table>

**Posts**
6 posts published in the last 7 days.

**Most Engaging Posts**

<table>
<thead>
<tr>
<th>Post Title</th>
<th>Reach</th>
<th>Engagements</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Image]</td>
<td>3.4K</td>
<td>529</td>
</tr>
</tbody>
</table>

March 9
The Annual MEITAL Conference - Teaching and Learning

Technologies Accelerating Higher Education
The Annual MEITAL Online Conference - Teaching and Learning Technologies Accelerating Higher Education
July 1, 2020
The content was available online for participants in a variety of formats (articles, flyers, videos) to review and discuss using interactive and annotative tools: Hypothes.is, Annoto.

1. A few days before the conference

. 2 The Conference day

A variety of lectures, panels, discussions, poster exhibitions, sponsor exhibits, and leading lectures from Israel, Italy, Greece, USA, Scotland, Spain

. 3 The Second day

Hands-on workshops experience learning design tools
Innovative Teaching Methods and OER

Meital has been involved in six international projects, most of these have online courses and open content that one can access freely.
Thank You

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