

Internationalised Master Degree Education in Nanoelectronics in Asian Universities

- To analyse the educational needs in nanoelectronics and to define the learning outcomes. **Achieved**
- To design syllabi and course content and assessment for courses in nanoelectronics. **Achieved**
- To develop e-learning courses and to establish a platform for knowledge sharing inside Asian, Israeli and European academy and students. **Delayed**
- To perform a pilot test and to start the implementation of the joint courses delivery during the last project year. **Started**

Partners



Outcomes and Expected Impact

MODERNISED CURRICULA IN NANO-ELECTRONICS

Innovated laboratories for development/delivery of ICT-based courses

- **Impact:** Virtual mobility of students and teachers, common experiences of students of different countries based on similar infrastructures, tools, lab organization, learning improvement, thanks to the modernisation of laboratories and courses.

Web-based learning environment with **27 e-learning courses** for supporting the face-to-face education.

- **Impact:** Improved learning methods with multimedia materials, independent on time and place; content easily upgradeable what is mandatory for the fast developing nanoelectronics.
- **Minimum 275 students** in the field trial at 11 participating universities

Problems encountered

- VAT/GST exemption – to be solved with national laws and legal regulations translated instead of a formal letter from tax authorities
- Equipment purchased when the grant is available
- Activities are delayed or stopped until the approval of the interim report and receipt of the second advance.
- If the project continues an amendment for extension with 6 months to one year will be required.

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<http://nanoel-asia.eu>

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