

Co-funded by the
Erasmus+ Programme
of the European Union



**Modernisation and internationalisation of Iranian HEIs via
collaborative TEL-based curriculum development in engineering and
STEM/UNI-TEL**

University of Isfahan

BY: SEYED KOMAIL TAYEBI

SK.TAYEBI@ASE.UI.AC.IR

JAN. 10, 2024



An Overview



- **UI Introduction**
- **Activities to Approach UNITEL Objectives and WPs**
- **E-Courses based on the Modules (WP2)**
- **UNI-TEL Curriculum Modernisation and Course Plans (WP4)**
- **Dissemination and Exploitation (WP6)**
- **Development Of the Virtual learning Environment (Dr Marateb)**
- **Outcomes (Collaborative Activities, Networking)**







University of Isfahan at a glance

The University of Isfahan is now recognized among the **top 10 “A Level”** universities of Iran by the Ministry of Science, Research and Technology.

Founded in **1946**, the University of Isfahan is among the **top 5** international universities of Iran and has cooperation agreements with more than **100 top universities worldwide**.

The University of Isfahan is a member of international academic organizations such as the **International Association of Universities** (IAU) and the **Federation of the Universities of the Islamic World** (FUIW).





UI at the Heart of Isfahan

- Home of several UNESCO World Cultural Heritage Sites
- The most popular tourist destination in Iran
- The symbol of beauty and glory
- Historically known as half of the world
- The third biggest city in Iran





University of Isfahan Figures

- More than 650 Full time Faculty members, 330 of whom are either full or associate professors
- About 1000 Part time Faculty members
- 18000 Full time Students (Bachelor/ Master/ PhD)
- 668 Non-Academic Staff
- 400 Study Programs (77 Bachelor/ 212 Master/ 111 PhD)
- 14 Faculties and 55 Academic Departments
- 10 Centers of Excellence
- 7 Research Institutes



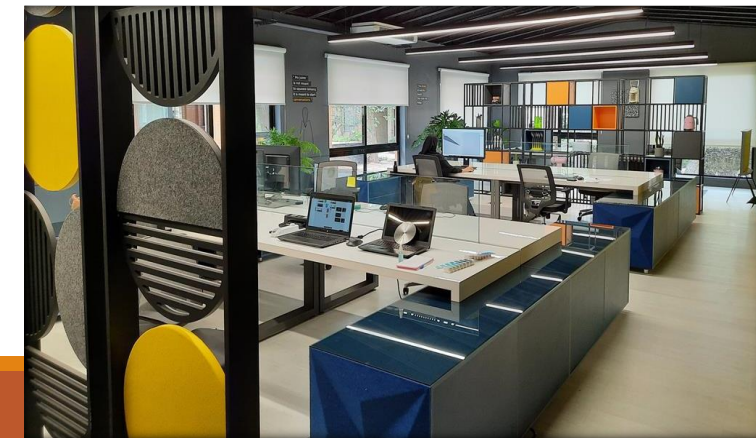


University of Isfahan - Innovation and Technology Zone

The University of Isfahan has allocated a big area of its campus to the Innovation and Technology Zone to create a platform to:

- Strengthen the connection of the university with industry and society
- Direct the education and research at the university towards the issues and problems of industry and society and to offer solutions
- Develop and enhance startups and new technology-based companies
- Develop and enhance knowledge-based economy

- Two Incubators
- Five Innovation centers
- 46 Startups





University of Isfahan – Erasmus+

The Erasmus agreements signed by the University of Isfahan with various European universities provide a framework for student and staff mobility. **The University of Isfahan has more than Erasmus Agreement with other universities and has exchanged more than Students and Staff academic/nonacademic member since now.**

- ✓ This not only enhances the knowledge and skills of students, staff, and faculty members, but also enriches their cultural experiences.
- ✓ Being located in Isfahan, a city known for its rich history and popular tourist attractions, the University of Isfahan offers its visitors memorable experiences and enjoyable stays.
- ✓ These international exchanges foster a global perspective among the university community and contribute to the internationalization of higher education.

<https://isc.ui.ac.ir/page-internationalmain>



Co-funded by the
Erasmus+ Programme
of the European Union



UI [Internal Project]: Research Project on Designing and Evaluating Modern Educational Methods: Internationalization Prospect at the University of Isfahan

PI (Principal Investigator): S. K. Teyebi

Co-PI: H. R Marateb

Co-PI: A. Naghavi

Other Main Colleagues: F. Mossayebi, A. Esfijani, Z. Zamani, N. Naderi

The three main items:

Education

Research

Internationalization



Co-funded by the
Erasmus+ Programme
of the European Union



Activities to Approach UNITEL Objectives and WPs



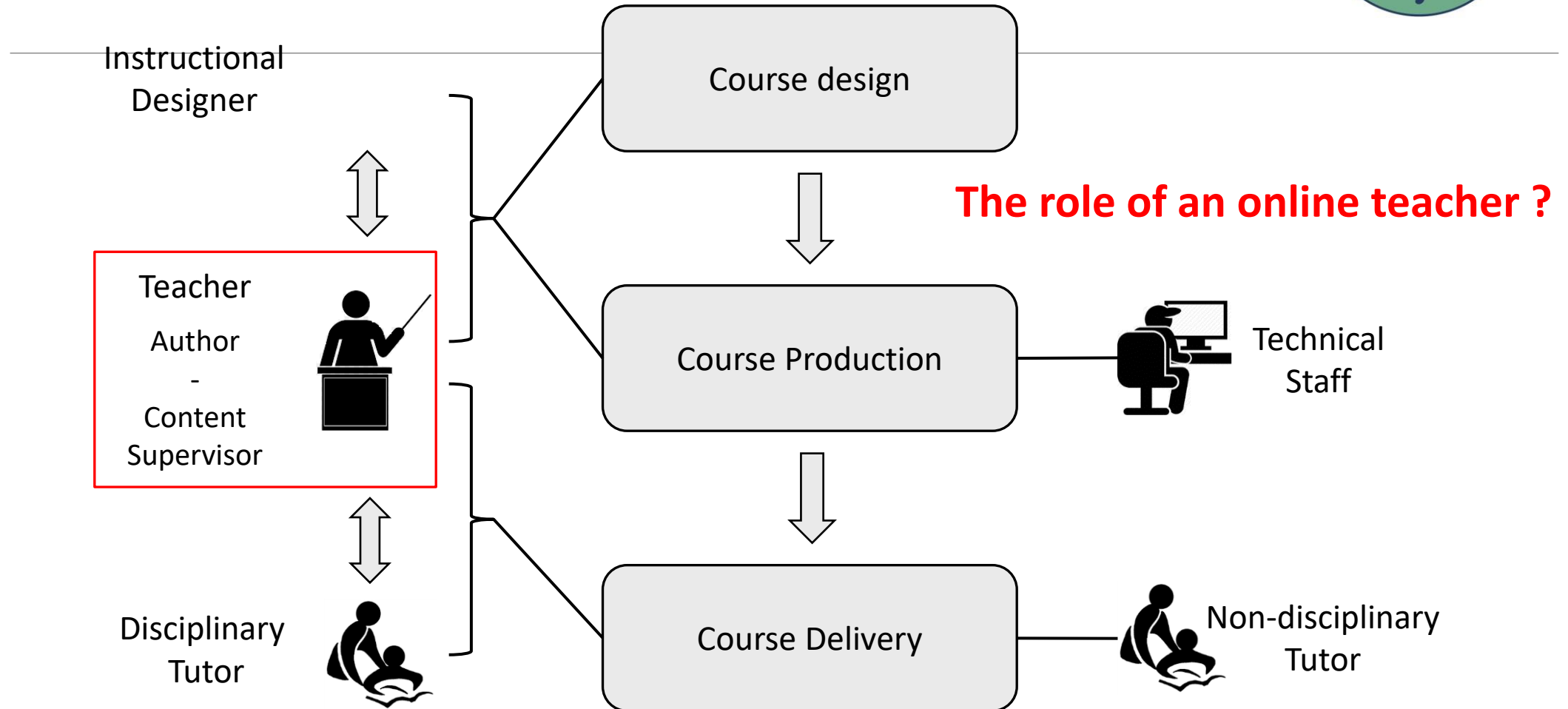
Pedagogy: Industry-relevant, working life oriented pedagogies such as project-based learning and problem-based learning

Technology: To learn the principles of digitalization and enabling technologies that lead to innovative pedagogical practices;

Process development: To learn technologies, protocols and tools for applying ICT in processes and services;

Transformation, change To be able to implement a project for the digital transformation of a process, area, or department.

Building an e-learning course

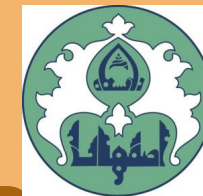




E-Courses based on the Modules (WP2)

- M1 – 2: Survey analysis using advanced statistical and data mining methods: current state, state-of-the-art, and future perspective (**Dr. Hamid Reza Marateb**)
- M_4 _2: University-Business Collaboration: An Overview and Some Experiences Responsible Partner (**Dr. Seyed Komail Tayebi and Dr. Zahra Zamani**)
- M5_3: Strategies to Reduce Plagiarism in eLearning (**Dr. FARSHID MOSSAIBY**)
- M6_4: How to utilize feedback as a source of development? (**Dr Hamdi Reza Marateb and Dr Azam Naghavi**)

Relevant Documents submitted: Lecture Notes, Presentation Files, and Videos.



UNI-TEL Curriculum Modernisation and Course Plans (WP4)

Name	Department/Faculty	Course	Program
Azam Esfijani, (PhD, F.)	Department of Education, Faculty of Education and Psychology	Educational Evaluation	BA
Faria Nassiri-Mofakham, PhD, F.)	Department of Information Technology, Faculty of Computer Engineering	Research and Presentation Method	BS
Hamidreza Marateb, (PhD, M.)	Department of Biomedical Engineering, Faculty of Engineering	Special topics in biomedical engineering (Medical Data Mining)	BS
Ehsan Bani Asadi, (PhD, M.)	Department of Mechanical Engineering Faculty of Engineering	Design of Refrigeration and cold room systems	BS
Ali Zackery, (PhD, M.)	Department of Industrial Engineering, Faculty of Engineering	Futures Literacy	BS
Alireza Goli, (PhD, M.)	Department of Industrial Engineering, Faculty of Engineering	Combinatorial Optimization	MS
Seyed Komail Tayebi, (PhD, M.)	Department of Economics, Faculty of Administrative Sciences and Economics	International Trade-1	BA



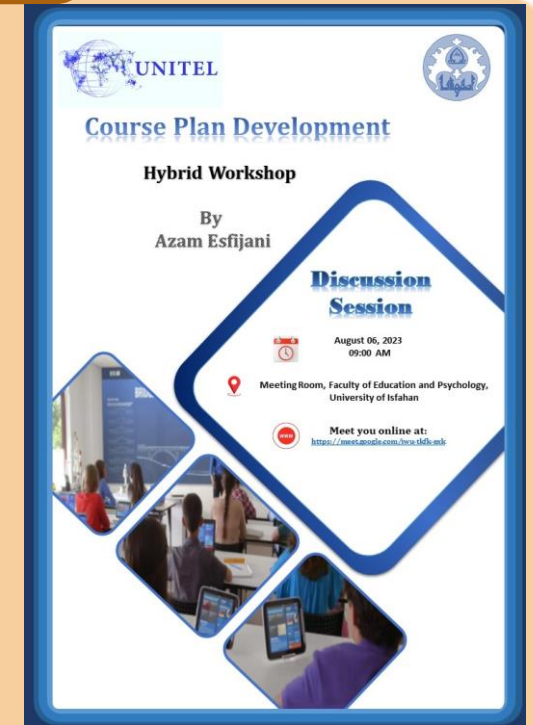
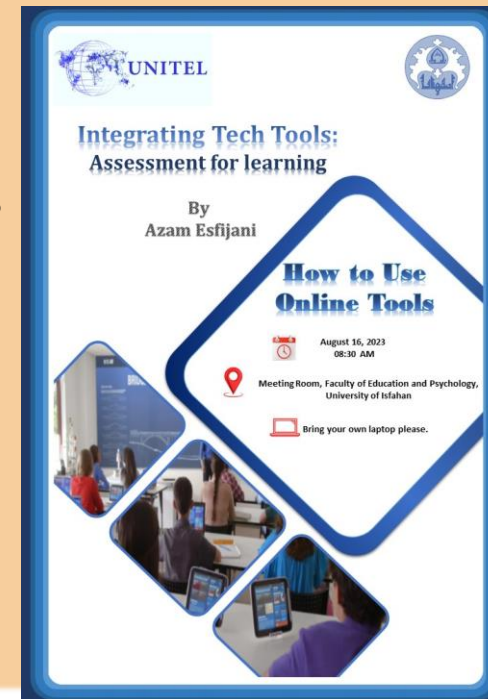
UNI-TEL Curriculum Modernisation and Course Plans (WP4)

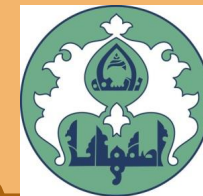
Name	Department/Faculty	Course	Program
Zahra Zamani, (PhD, F.)	Center of Excellence for International Economics	International Trade-2	BA
Mohsen Golabi, (PhD, M.)	Department of Biotechnology, <u>Faculty of Biological Sciences and Technology</u>	Biosensors	BS
Reza Zakerinejad (PhD, M.)	Department of Physical Geography, Faculty of Geographical and Planning	Basic of Remote Sensing	BS
Parisa Nilforooshan (PhD, F.)	Department of Counseling, Faculty of Education and Psychology	Career Counseling	BA
Parisa Nilforooshan (PhD, F.)	Department of Counseling, Faculty of Education and Psychology	Career Counseling Theories and Methods	BA
<u>Meysam Mashayekhi</u> (PhD, M.)	Department of Mechanical Engineering, Faculty of Engineering	Soil Mechanics	MS
Mehdi Nasri Nasrabadi (PhD, M.)	Faculty of Physics	Nuclear Physics	MS



Dissemination and Exploitation (WP6)

- Face to face meeting of UNITEL Professors at UI
- Workshops/Conferences
 - UNITEL Project, Activities at the University of Isfahan
 - The UNITEL Project: Current Activities and Future Impacts
 - Technology Enhanced Learning: Lessons for ECO Member Countries
 - Course Plan Developments
 - Integrating Tech Tools: Assessment for Learning
 - ICELET2023
- Online Meetings (Internal/National/International)





Dissemination and Exploitation (WP6)

031-37935437
icelet2024@ui.ac.ir
icelet2024@res.ui.ac.ir
@ICELET2024
@ICELET2024

ECOSF ICELET 2024 University of Isfahan e-Learning Association of Iran

17th National and 11th International Conference on e-Learning and e-Teaching

Focusing on Technology Enhanced Learning

27-29 Feb 2024, Isfahan, Iran

Main Topics

- Artificial Intelligence and Advanced Technologies in e-Learning
- Innovative Educational Approaches in e-Learning
- E-Learning and Informal Education
- Generative AI and e-Learning
- Psychological, Social, Legal, and Economic Aspects of e-Learning
- Best Practices in e-Learning
- Evaluation and Quality Improvement in e-Learning

Important Dates

Full Paper Submission	26 Dec. 2023
Notification of Acceptance	30 Jan. 2024
Final Paper Submission	14 Feb. 2024

The Main Parts

Keynote Speeches	Report on the Best Practices
Panel Discussions	Workshops
Papers and Posters Presentation	Exhibition

This conference has always received the approval of ISC and IEEE over the past years, and this year again, the required steps will be taken as for the previous conferences.

Papers can be accepted in Persian or English languages, and the best papers of the conference will be published in some peer reviewed journals.

icelet2024@ui.ac.ir
icelet2024@res.ui.ac.ir
031-37935437
@ICELET2024
@ICELET2024

ECOSF ICELET 2024 University of Isfahan e-Learning Association of Iran

هفدهمین کنفرانس ملی و یازدهمین کنفرانس بین‌المللی یادگیری و یاددهی الکترونیکی

با تأکید بر یادگیری ارتقاء یافته به کمک فناوری

۱۴ تا ۲۹ اسفندماه ۱۴۰۳ - اصفهان

محورهای اصلی

- هوش مصنوعی و فناوری‌های پیشرفته در یادگیری الکترونیکی
- رویکردهای آموزشی نوآورانه در یادگیری الکترونیکی
- یادگیری الکترونیکی و آموزش‌های غیررسمی
- هوش مصنوعی زایشی و یادگیری الکترونیکی
- ابعاد روانشناختی، حقوقی، اجتماعی و اقتصادی یادگیری الکترونیکی
- تجارب موفق یادگیری الکترونیکی در سازمان‌ها و دانشگاه‌ها
- ارزشیابی و بهبود کیفیت در یادگیری الکترونیکی

بخش‌های اصلی کنفرانس	رویدادهای مهم
سخنرانی‌های کلیدی	آخرین مهلت ارسال مقاله کامل
کارگاه‌های آموزشی	۵ دی ماه
ارائه‌ی مقالات و پوسترها	اعلام نتایج داوری
نمایشگاه‌های تخصصی	۱۰ بهمن ماه
گزارش تجارب برتر داخلی و خارجی	آخرین مهلت ارسال مقاله نهایی
پنل‌های تخصصی	۲۵ بهمن ماه

مقالات به دو زبان فارسی و انگلیسی قابل پذیرش هستند، ضمناً مقالات برتر این کنفرانس در ژورنال‌های علمی معتبر فارسی و انگلیسی چاپ خواهند گردید.

در این کنفرانس گزارش تجارب موفق هر به زبان فارسی چاپ می‌شود.

به مقالات برتر در حوزه یادگیری ارتقاء یافته به کمک فناوری، جوایز نقدی پرداخت خواهد شد.

جهت توضیحات کاملتر در موارد فوق لطفاً به وب سایت کنفرانس مراجعه شود.

این کنفرانس در طول سالهای گذشته همواره تأییدیه ISC و IEEE را اخذ کرده است و امسال نیز پیکری ازیر طریق رونده گذشته انجام خواهد گردید.

از دین دینداران کنفرانس، اصفهان، ۱۴ هزار و ۲۰۰، دانشگاه اصفهان، دانشکده علوم تربیتی و روانشناسی، گروه علوم تربیتی



Outcomes (Collaborative Activities, Networking)

