



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

Steering Committee meeting

27th November 2023

10.30 – 12.30 (CET time)

1.00 – 3.00 - PM Iranian Time

MINUTE

Participants

P1 - USGM, Università degli Studi Guglielmo Marconi, Italy

P4 – PRISMA, Prisma Electronics ABEE, Greece

P5 – IKIU, Imam Khomeini International University, Iran

P6 – USB, University of Sistan and Baluchestan, Iran

P7 – SU, Shiraz University, Iran

P8 – UI, University of Isfahan, Iran

P10 – SCU, Shahid Chamran University of Ahvaz, Iran

P12 - NAMVARAN P&T COMPANY, Iran

Link to attend the meeting remotely:

<https://meet.google.com/xab-qiub-tni>

Monday 27th November 2023

The meeting started in time, a new MEET link has been sent in order to prevent any technical issues. The coordinator welcomed the External Evaluator, Dr. Morten Flate Paulsen, who joined the meeting. All the suggestions he would be able to provide in the future will be more than welcome. The coordinator then introduced the Agenda and the rationale of the meeting. In order to comply with the requirements as listed in the project application form, a round table discussion was carried on to identify the progress of the activities related to the **WP4: UNI-TEL curriculum modernisation**. Each IR University presented its progress report on:

1. modernised curricula through integration of ICT-based approaches and contents
2. experimentation activities through at least 1 remote lab
3. Piloting of the modernised curricula with a testing groups of students

SU: Akbar Safavi from Shiraz University took the floor. He explained everything is going well, but after the coordinator asked to increase the number of modernized courses, he told that it would be problematic as the semester has already begun 2 months ago. He also explained that some professors moved their modernized courses to the next semester. All the efforts will be made to provide 12 modernised courses (9 already provided + 3 more) by the end of the project.

Dr. Safavi provided a:

1. Template to report the Modernisation of the courses
2. Template to report the activities of the remote lab/s

The coordinator will send both templates to the partners after the meeting together with the MINUTE.

SCU: Gholamhossein Rahimidoost proceeded to describe their situation. They are organising several meetings with the professors and the faculty members in order to increase the number of modernised courses to provide extra materials for WP4. They received feedback from professors and they are going to receive feedback from students soon. Next week they will have another meeting with professors. Regarding the remote lab “smart systems”, he explained that they had many meetings with professors who told him that they are already using the infrastructure. They will send proofs of those activities. All the efforts will be made to provide 10/13 modernised courses (9 already provided + 3/4 more) by the end of the project.

The coordinator reminded to keep proofs for each meeting/event either for WP4 Curriculum Modernisation or for WP6 dissemination/exploitation. For Dissemination events, please fill the Dissemination Event Report template.

With reference to the Equipment /remote Lab, USGM reminded that the coordinator should receive from each university: an inventory, pictures and other proofs. Dr. Renzo Linsalata sent an email detailing the procedure to follow and the documents to produce. If the partners need, they could send an email to the coordinator asking for more clarification.

According to the Project proposal, the total number of modernised courses should be 70 together with at least 700 students involved.

The coordinator highlighted that the same professor can modernise more than one course and that, as explained by prof. Martini, the modernisation/innovation may regard different aspects of the course (evaluation, tools, distance lesson, etc.). (For more details, please see the PPT WP4)

USB: Shahram Mohanna from USB took the floor. He explained that this semester they plan to modernise seven courses this semester, but they wanted to increase the number in the next semester starting in February, but as there will be no extension, they will not be able to do so. All the efforts will be made to provide 12 modernised courses (9 for this semester) by the end of the project.

All Iranian Universities approved to send another email to the Project Officer asking to revise the decision to refuse the extension of the eligibility period.

Iranina Universities voted to ask for a shorter period of extension (three HEIs voted for three additional month, 2 HEIs voted for 2 additional months.

USGM will send an email to the EC to ask at least 2/3 months of extension in order to allow the Universities to report/assess the experimentation of the first semester.

Shahram Mohanna stressed that since it will be the New Year official celebration two or three months will be almost the same in substance. The University will be closed almost a month.

UI: Komail Tayebi told that they have finalised 12 modernised courses and they have started the remote labs and then gave the floor to Azam Naghavi. She explained that they had several meetings and it seems that everything is going well. They are also working on the ICELET 2024 conference.

Dr Marateb then proceeded to explain the situation of the remote labs. All of the equipment has been bought. They implemented two different version: one with national and one with international devices.

IKIU: Amir Zarkeshan explained that they provided 16 modernised courses. Furthermore, they have two remote labs: industrial and robotics. The installation is concluded.

The coordinator reminded the partners to provide the Farsi version of the modernised courses' descriptions. She also asked USB to provide a description of the remote labs. She then presented the next steps to follow and deadlines to stick to before the end of the project.

As concerns the experimentation through the Remote lab, Dr. Safavi has implemented a shared server available for all the Iranian Universities.

A demonstration on how to access the Remote lab, has been scheduled on **Wednesday 13rd December, 1 pm Iranian Time.** All the professors and project partners are invited to join the demonstration.

WP4 Next TASK and DEADLINES:

- The IR Universities will send the missing Modernised curricula in English and Farsi
- USB will send the description of the remote lab as soon as possible

- The IR Universities will fill the Template to report the Modernisation of the courses by the end of the project (14th of January)
- The IR Universities will fill the Template to report the activities of the remote lab/s by the end of the project (14th of January)
- USGM will draw up the Piloting report with all the activities related to the WP4

s concerns the **WP5 Quality Assurance**, none attended the meeting; the Coordinator reminded the urgent missing deadlines in charge of UaB:

- Project meetings/management assessment/Report to be designed/delivered as soon as possible
- Students' Expectation Questionnaire to be designed/delivered as soon as possible
- Students' Satisfaction Questionnaire to be delivered by the end of the WP4 Activities.

A reminder message has been already sent to UaB.

As concerns the **WP6 Dissemination and Exploitation**, Dr. Safavi – SU reminded that the dissemination should be implemented at institutional level. At least two exploitation events should be organised in each IR University by the end of the project. If missing, two webinars could be organised:

- 1. Webinar could be focused on “What has been done so far within Unitel project at institutional level”
- 2. The second could be focused on “Best practices related to the UNITEL project at institutional level”

As concerns the Dissemination, Dr. Safavi introduced again the purposes and the aims of the Conference ICELET 2024. In the conference, there will be a panel discussion on UNITEL project with the participation of all the project partners. In addition, the companies could present their results and activities related to the project aims.

WP6 Next TASK and DEADLINES:

- Each IR university should organise at least 2 exploitation events by the end of the project
- partners should reply to the email regarding ICELET 2024 to Dr. Safavi, in the respect of the deadlines a paper could be submitted according to the topics of the conference.

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