



3rd NewsLetter of ARDUinVET

3rd TPM Potenza, Italy – 11st and 12nd of March 2022

11st of March 2022

The third meeting was hosted by Italy. The project participants from Turkey, Romania and Austria were hosted in the city of Potenza and at the Institute IIS “Einstein De Lorenzo” of Potenza, where they met the vice-principal Elvira Mancusi, head of the second branch of the school in Via Danzi, Potenza, which houses 18 classes of the three-year specialization in the curricula of Chemistry, Computer Science, Electronics and Automation. The participants from Greece attended the meeting online via Google Meet and all the participants met the Italian team of ArduinVet project.

The participants met in the library of the institute after visiting the chemistry and computer laboratories and started their work as the agenda of the meeting.

During the meeting, the Italian school presented the projects carried out by the teachers involved in the project. A video of the results was prepared by the students, who developed with the teachers, some projects with Arduino LCD, with the data sheet and source codes of each one.

At the end of the sharing activity, the participants verified the realization of the documents’ translations in the shared folder, the tasks of each partner for the care of the social pages, the dissemination activities and agreed on the next steps. The dates of 12th and 13th May for the meeting in Austria has been confirmed.

The Italian team will produce 5 programmed Arduino LCD kits to be delivered to the partner schools during the meeting in Austria and will further improve the description of the LCD module with other types, including a tutorial and a video with English subtitles.

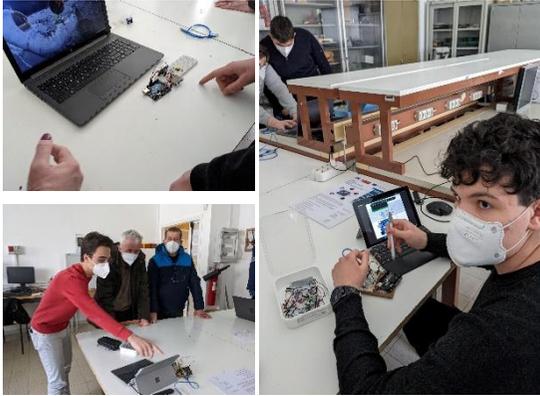




The Italian team will take care of editing the Newsletter and will prepare the certificates for the Greek online participants and upload them on Google.Drive. Furthermore, each participant will prepare video tutorials in English for their respective projects.

The group of teachers, led by Mr. Giuseppe Marcone, met some of the students from the electrotechnics and automation classes, who were involved in implementing Arduino projects with LCDs and sensors. The students showed their works (LCD display with parallel connection showing welcome message in different languages; Display with i2c connection showing distance measured by an ultrasonic sensor; Display model for Nokia 5110 showing school logo in bmp with other animations; Thermostat with parallel 16x2 LCD showing various management menus) and explained the steps for their implementation.

Finally, the online meeting was ended up and the on-site participants were able to continue their visit to the city of Potenza, by going to the historical downtown.





12nd of March 2022

On the second day, the participants from the Turkish, Romanian and Austrian teams visited the Aspek company for the assembly and design of electronic components, where they met the director Giuseppe Bilancia and shared the company's success story in the sector and the objectives of the ArduinVet project.



Afterwards, the group moved to the main office of IIS Einstein De Lorenzo, where they met the headmaster Mr. Domenico Gravante. After the institutional greetings and a discussion on the themes of the project, the group was guided by Mr. Vincenzo Carlucci, teacher of mechanics, in the mechatronics laboratories and they got acquainted a class of 4th year students engaged in experimentation at the vibrating table.

At the end of the afternoon, a ceremony to hand out the certificates of attendance was held in the headmaster's .

Thereafter, the group travelled to Matera, European Capital of Culture in 2019, to visit the 'Sassi', a UNESCO World Heritage Site, and appreciate its history and unique architectural features.



The meeting then ended with the return to Potenza.

