

Development and Implementation of Multimedia and Digital TV Curricula

Presentation of Project Results and Outputs: VSB-TUO

Oct 2018 – Oct 2021

Prof. Dr. Miroslav Voznak
DIMTV Closing Event
Sept 2021 @ Durres

- Training from the field of Multimedia, creating multimedia content and its broadcasting:
 - Multimedia signals,
 - Multimedia services,
 - Audio and video signal processing,
 - Multimedia compression techniques,
 - Streaming and IPTV,
 - DVB-T, DVBT2 and 3DTV,
 - Smart TV and HbbTV,
 - Audio and Video quality issues and QoE,
 - Practical applications of content delivery

- Training in the field of multimedia technologies:
 - Signal processing,
 - Creating and editing of video content
 - Assessment of audio and video quality
 - DVB-T implementation and measurement
 - IPTV implementation and measurement.

Consulting :

Curriculum topics and courses,
Hardware and equipment for
laboratory.

WP 2: Development 2-1

Lead Organisation	VSB-TUO	Participating Institution	All Partners
Title	Reviewing and restructuring the existing bachelor MDTV curricula		
Related assumptions and risks	<p>Assumptions:</p> <ul style="list-style-type: none"> - Good support and experience/knowledge transfer from EU partners. - Support form industry partners - High motivation of responsible staff members 	<p>Risks:</p> <ul style="list-style-type: none"> - Inadequate cooperation between consortium members - Restructured curriculum is not in line with the needs in both countries (AL/KO) 	
Description	<p>The existing bachelor MDTV program: certain changes should be done to meet the needs of the country in this field.</p> <p>EU consortium members and industry partners will be consulted regularly</p> <p>Course types and syllabi will be revised and reconsidered during this phase of the project.</p> <p>New courses may be added or replaced with other course of the existent MDTV curriculum.</p> <p>The curriculum will be carefully and comprehensively studied by especially the representatives of the leading institution and Epoka university members.</p> <p>All the decisions made will be supervised, controlled and consulted with the EU members of this project.</p> <p>Competences and the learning outcomes of the new revised MDTV curriculum will be defined and the book will be published.</p>		
Tasks	<ul style="list-style-type: none"> - VSB-TUO is the leader - A workshop will be held will to discuss and obtain the required EU expertise in the MDTV area. - UAMD and EPOKAUNI will review and restructure their existing bachelor MDTV curricula according the Albanian labour market needs. - Albanian HEIs will define the required competences and learning outcomes for the revised bachelor MDTV curricula. 		
Estimated Start Date (dd-mm-yyyy)	15-12-2017	Estimated End Date (dd-mm-yyyy)	15 - 10 - 2018

How activities were fullfield ?

- Within the project, we share our expertise and knowledge in the DIMTV area, we organize
 - workshops
 - meetings
 - and lectures.
- We presented our experience with accreditation.

Summary our activities

EU STUDY VISIT

Meeting Venue: VSB-TUO, Ostrava
Meeting Dates: May 15-17, 2018

Discussion session on UAMD Curricula Restructuring: Final Conclusions

WP2: Development Phase
(Activity: 2.1.2. Reviewing the existing MDTV curriculum)

Summary our activities

EU STUDY VISIT

Meeting Venue: VSB-TUO, Ostrava

Meeting Dates: May 15-17, 2018

- Teacher Training on creation of multimedia content and its processing from Dr.Premysl Mer and Dr. Pavol Partila (VSB-TUO staff)
- Visit of laboratories in Faculty of Electrical Engineering and Computer Science
- Visit of TV transmitter Ostrava Hošťálkovice

Summary our activities

EU STUDY VISIT

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Teacher Training on creation of multimedia content and its processing from
Dr.Premysl Mer and Dr. Pavol Partila (VSB-TUO staff)

5th Steering Committee and Project Quality Board

MEETING AGENDA

Meeting Venue: VSB-TUO, Ostrava
Meeting Dates: March 17-18, 2020

Unfortunately cancelled

STAFF TRAINING - MULTIMEDIA PRODUCTION AND POST-PRODUCTION

AGENDA

Meeting Venue: VSB - Technical University of Ostrava, FEECS
Meeting Dates: September 1-3., 2021

Introduction into Multimedia Studio

- Lab environment, interface, tools and basic approach

Introduction into Multimedia production – MTLab

What we found in your accreditations and can recommend you:

- Less is more

Students will be lost without solid background, the education is like a pyramid, sometimes you load more in the content of courses

- Education in Follow Up Master study should be more related to project activities

We miss long-term project activities, also institutional projects are counted, new experiments, research, focusing on new technologies

Thank you for your attention!