

Steering Committee meeting

21st October 2011, Belgrade

WBC-VMnet Project Partner presentation

Mileta Janjic, University of Montenegro

Outline

- ❖ Overall achievements, project implementation timeframe, obstacles and shortcomings
- ❖ Key project results, per Outcomes
- ❖ Conclusions

Overall achievements, project implementation timeframe, obstacles and shortcomings

UNIVERSITY OF MONTENEGRO performed the activities between two steering committees in Tivat and Belgrade on the WBC-VMnet project in accordance with the requirements of the Project. Mainly, the activities on the WBC-Vmnet project were performed in accordance with the planed timeframe of the Project.

Overall achievements, project implementation timeframe, obstacles and shortcomings

There was some objective delays and exceptions.

We have a problem with small number of students in all degrees on the Faculty of Mechanical Engineering in Podgorica.

There is problem with IFP implementation.

Key project results, per Outcomes

1.3. Market and marketing activities

6.3. Information days and public appearances

Workshop was held on 13th May 2011. in Podgorica

- There were 53 participants
- WBC-VMnet project was presented by V. Mandic, University in Kragujevac
- CTC, and IFP and PPP programs were presented by M. Janjic
- Held the following lectures:
















Rukovodilac:
 Doc. dr. Mileta Janjić

Kadrovi:

- Profesori i saradnici Univerziteta Crne Gore
- Profesori i saradnici na WBC-VMnet TEMPUS projektu, u toku trajanja projekta do januara 2012.
- Spoljni eksperti, članovi VMnet mreže, servis provajderi, koji će sklopiti ugovor sa RTC na određeno vrijeme
- Studenti završnih godina studija, posrediplomci i doktoranti

Doc. dr. Mileta Janjić

Projektat na Univerzitetu u Kragujevcu, pod nazivom: Univerzitet Kragujevac


Doc. dr Mileta Janjić

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Held the following lectures:

1. Virtual production in industrial applications, V. Mandic, University in Kragujevac
2. Engineering economy - fundamentals and applications, M. Vukcevic, University of Montenegro
3. Modern Approach for Preparation of Mold Quotations, J. Čaloska, CIRKO, Makedonija
4. Maintenance in function of the effectiveness of the systems, M. Bulatovic, University of Montenegro
5. Innovations in the development of microelectronic components, G. Stojanovic, FTN Novi Sad
6. Scientific research and innovation - a condition for economic development and entrepreneurship (EIIICM project experience), A. Vujovic, University of Montenegro





- Principi inženjerske ekonomije:
- PRINCIP 1 – Razvoj varijanti (alternativa)
 - PRINCIP 2 – Uočavanje razlika
 - PRINCIP 3 – Koristiti konzistentnu tačku posmatranja problema
 - PRINCIP 4 – Koristiti jedinstvenu jedinicu mjere
 - PRINCIP 5 – Razmotriti sve relevantne kriterijume
 - PRINCIP 6 – Definirati neodređenost
 - PRINCIP 7 – Preispitati vlastitu odluku







Razvoj mašina i opreme počeo je u industrijskom smislu proizvodnjom prve parne lokomotive.

Nastankom i rastom tehničke i tehnološke složenosti fabrika, povezano sa faktorima produktivnosti i ekonomičnosti proizvodnih procesa, uslođen je razvoj funkcije održavanja do nivoa Teorije održavanja.

Složeni zadaci tehničkih sistema zahtijevali su nov prilaz u obezbjeđenju efektivnog funkcionisanja, multidisciplinarnim rješavanjem problema.





WBCVMnet
"Inovacije u inženjerskom projektovanju"
11. maja 2011, Univerzitet Crne Gore - Arhiva Tehničkih Fakulteta

Usluge Centra:

- ◆ Projektovanje složenih elektronskih kola i ugrađenih sistema, izrada shemata izvodljivosti i konsalting
- ◆ Izrada štampanih pločica i elektronskih komponenti i kola na modernij mašini za brzu fabričakuju prototipova na PCBu.
- ◆ Izrada elektronskih komponenti, kola i sistema (kao što su RFID tagovi, kartice, senzori, itd.) na fleksibilnoj osnovi.
- ◆ Projektovanje i izrada različitih vrsta senzora (temperature, pritiska, vlage, itd.)
- ◆ Ispitivanje, testiranje i karakterizacija različitih vrsta elektrotehničkih materijala
- ◆ Specijalizovane usluge iz oblasti softverskih alata za simulaciju komponenti i kola kao i novih oblasti elektronike



Key project results, per Outcomes

2.2. Bring new VMnet members and experts for multidisciplinary approach

Obtained almost 50 new members of WBC-VMnet network

Key project results, per Outcomes

5.1. Develop and delivery vocational trainings for SME, unemployed graduates, non-university teachers and students

One training performed from CAD - Pro/ENGINEER for 10 students

Four trainings performed from OFFICE INFORMATICS for 43 students

Key project results, per Outcomes

5.4 Develop and conduct Practical Placement Programme (PPP) for students

Ten students implemented PPP til now:

- From PC to EU 1 student (Si)
- From PC to PC 2 students (Ri, Kg)
- In PC 7 students are finished and 6 students working currently.

Conclusions

Previous activities of the University of Montenegro on the WBC-Vmnet project were performed mainly in accordance with the requirements of the project.

The numbers of students for vocational trainings and the PPP program are in accordance with objectively assessed possibilities and conditions at the University of Montenegro - Faculty of Mechanical Engineering in Podgorica.

Hvala na pažnji!