

## **PARTNER SEARCH FORM FOR COOPERATION IN TEMPUS IV PROJECT**

### **1. Name of your university/institution/industry or company interested in participating in TEMPUS project:**

The Moscow state open university (Moscow, Russia) carries out search of partners for joint realization of some projects within limits of Tempus Tasis IV.

### **2. Main field of activities of your institution:**

Scientifically-educational activity - a wide spectrum of engineering-humanitarian directions:

- The applied mathematics
- Informatics and Electronics
- Industrial and Civil Engineering
- Organic chemistry
- Geology and hydrogeology
- Mining of mineral deposits
- Ecological safety and Environmental protection
- Mechanical engineering
- Power industry
- Jurisprudence
- The international economic relations
- Management
- Public and Municipal Administration
- Linguistics and cross-cultural communication

### **3. Previous international experience:**

MSOU maintains its international activity at a high level. It has signed some tens joint cooperation documents (agreements and other accords) worldwide and already introduced several joint degree programs with European universities.

### **4. Information about the intended TEMPUS project:**

1. New directions in development windenergy.
2. Nanocomposite materials.
3. The bachelor academic curriculum on machine-building technologies.

### **5. Project proposal/description:**

1. The project concerns electric power industry area, namely to designs wind turbines with a vertical axis of rotation of a rotor (Vortex rotor electric power stations).
2. Reception of composite alloys with application of effect of a cavitation.
3. The project provides working out and approbation of the curriculum of preparation of bachelors on a speciality "Machine-building technologies".

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