

## FORM FOR EMPLOYERS

INSTITUTION: **Rzeszów University of Technology – Faculty of Mechanical Engineering and Aeronautics**

CITY: **Rzeszów**

POSITION: **assistant professor in Department of Combustion Engines and Transport**

DISCIPLINE: **design and exploitation of machines**

POSTED: **July 18<sup>th</sup>, 2012**

EXPIRES: **September 30<sup>th</sup>, 2012**

WEBSITE: <http://wbmil.portal.prz.edu.pl/pl/konkursy/>

KEY WORDS: **recycling, alternative fuels, combustion engines, vehicles**

DESCRIPTION (subject area, expectations, remarks)

**Candidates for the above mentioned position should meet the following requirements:**

- have PhD level degree in engineering sciences;
- meet the conditions specified in the Law on Higher Education of July 25<sup>th</sup>, 2005, art. 109 and art. 114 par. 5 (Journal of Laws of 2005. No. 164, item 1365 with later changes) and § 59 item 5 of the Statute of Rzeszów University of Technology of May 25<sup>th</sup>, 2006;
- have scientific achievements related to the recycling of automotive transport with particular regard to the use of synthetic alternative fuels in internal combustion engines,
- take an active part in research on the toxic exhaust emissions by engines of transport and physical and chemical properties of fuels,
- have experience in designing and creating documentation of test equipment used in research on the properties of fuels,
- have experience and demonstrate knowledge of research methodology and the ability to use reverse engineering and CAD software (preferred: CATIA V5, GOM Inspect),
- have a wide knowledge of automotive engineering, in particular internal combustion engines and their impact on the environment,
- have extensive experience in research work and teaching related to automotive and transport,
- be compliant with generally accepted ethical standards.

**Required documents:**

- an application to the Rector of the Rzeszow University of Technology,
- CV, personal report,
- a copy of MSc diploma and a copy of PhD diploma,
- information about scientific achievements,
- information about research achievements,

- list of research publications,
- a candidate's statement that the Rzeszów University of Technology will be the main employer if he/she wins the competition,
- a statement of consent for processing the personal data from the job offer for the purposes of the recruitment procedure in accordance with the Data Protection Act of August 29<sup>th</sup>, 1997 (Journal of Laws of 2002, No.101, item 926 with later changes).

The documents should be submitted not later than **September 30<sup>th</sup>, 2012** to the Dean's Office of the Faculty of Mechanical Engineering and Aeronautics, Rzeszów University of Technology, al. Powstańców Warszawy 8, 35-959 Rzeszów.

The Rzeszów University of Technology reserves the right to close the competition without selecting a candidate.

Not informing a candidate about the results of competition amounts to a rejection his/her offer.