Project work form –
Soft computing methods in automotive application

Title: Soft computing methods in automotive application	**Project work - ID: MEI-081**
Aim of the project work: The aim of this work is to get familiar with soft computing methods, prepare, fulfill and evaluate measurements, draw own conclusions and present experimental results.	
Topic Announcer:	**Dr. Lukács Judit** (OE-BGK-MEI, assistant professor)
Supervisor(s):	Dr. Lukács Judit
Contact	lukacs.judit@bgk.uni-obuda.hu
Group size: (min./max.):	3-5 person The project work is not available under 3 applicants.
Available resources:	—
Required resouces:	—
Budget:	—
Precondition(s):	**Mandatory:** - **Recommended:** *Knowledge in Matlab*

Schedule:	1-4th weeks	Getting familiar with soft computing methods
	5-8th weeks	Specify measurement parameters and experimental design
	10-14th weeks	Evaluate experimental results, draw conclusions, determine limitations, probable future goals. Prepare documentation and presentation.

Comments:
- *Both mechanical and mechatronical engineers can apply for the project work.*