

LABORATORY OF ELECTRIC EQUIPMENT OF VEHICLES AND ELECTRONICS

Faculty of Engineering, Research Centre of Vehicle Industry

HEAD OF LABORATORY

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CONTACT

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LABORATORY PROFILE

- Year of foundation: 1976 (renewed in 2006, 2007)
- Capacity (working hours/month): 8 working hours/month available capacity in addition to the educational and research activities
- Fields of activities: The main field of activities of the laboratory can be divided into two parts: (1) educational and (2) research and development. As for education, we provide classical practice-oriented lab courses in Electric Equipment of Vehicles and Electronics, while during the research and development activities electronic, communication and vehicle control problems of alternative driven vehicles are solved
- Technical Specifications: The laboratory consists of two rooms. One allows a maximum 12 students at a time to participate in laboratory lessons and to use the equipment transformed especially for educational purposes. The other room offers a place for the research and development activities and is equipped with a carport and a vehicle lift and the devices needed for the room's special task
- Services provided: In the off hours of educational training of the laboratory we can provide support in the field of research and development building upon the laboratory equipment and the specialized knowledge our staff has
- References:
 - The development of the CAN communication and on board system of E-VAN Hybrid vehicles
 - SZEvo 5 – The development of the on board system of solar-driven vehicles
 - Magna-Steyr R&D support

Equipment and software of the laboratory

VECTOR BUS SYSTEM DEVELOPMENT AND SIMULATION DEVICES

A laboratóriumban rendelkezésre álló fontosabb NI gyártmányú eszközöket az alábbi felsorolásban ismertetjük

- Year of purchase: 2011
- The technical specifications of the devices can be found in full on the official website of Vector. (<http://vector.com/>)

CONTACT PERSON: Head of laboratory



