

## **Development of an Artificial Respirator (AR) at the University of Boumerdes**

The idea of the project was suggested by Mr. the Rector (Prof. M. YAHI) and Mr. the Vice-Rector in charge of Postgraduate Higher Education and Scientific Research (Prof. M. KADRI). The project contains two main parts, the 1st one concerns the mechanical part developed by the team of Prof. M. HACHEMI "Laboratoire Énergétique, Mécanique et Ingénieries, Faculté de Technologie". The 2nd part concerns the control of AR using electrovalves developed by the team of Signals and Systems Laboratory (LSS) of the IGEE.

The concerned LSS team is composed of

- Prof. M. CHALLAL, Director of IGEE,
- Prof. H. BENTARZI, Director of LSS,
- Dr. A. ZITOUNI, Department Head of Electronic
- Dr. A. OUADI, Ex. Department Head of Power and Control
- Mr Z. REBEAI, Doctoral student at IGEE

Some pictures taken during the AR development are shown below.

Congratulations to the IGEE/UMBB.



