МАТЕРІАЛИ

VIII МІЖВУЗІВСЬКОЇ НАУКОВО-ПРАКТИЧНОЇ

КОНФЕРЕНЦІЇ

ЛІНГВІСТИЧНОГО НАВЧАЛЬНО-МЕТОДИЧНОГО ЦЕНТРУ

КАФЕДРИ ІНОЗЕМНИХ МОВ

"TO LIVE IN A SAFER WORLD"

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The eighth scientific practical student`s, postgraduate's and teacher's
LSNC conference

7.   Production buildings experimental techniques (cars, telephones, electronic equipment)

8.   Food Production

SMART HOUSE

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An important aspect of human life is house. After all, a house, apartment or flat are the places where a person spends most of free time. A house is a fortress which should be cozy, comfortable, beautiful and what is the most important - safe and at the same time needs to be economically efficient. That is the maximum resource saving electricity, water, heat and natural gas.

It starts with the design of the building. Taking into account weather conditions, it is necessary to choose the location, exterior, environmentally friendly materials which we will use for the building.

Next, to fill the house with all necessary furniture and appliances. Smart House is a program on the microcontroller, which manages all the communications that are connected to home, appliances that are in the house and in the yard. It includes control of the lighting, the systems of engineering, the microclimate. The program runs all the time when you get home or when you leave, this is done through a variety of modes. For example, the mod "Standby" saves resources and keeps the appliances off, the temperature is kept as low as possible depending on the weather outside . The program also monitors the airing space, water heating, cooking, etc. And all this can be controlled by the telephone or Internet.

It is worth noting that it is safe. This is done with the help of sensors: gas and water leaks, broken glass and the volume. With the penetration of a burglar into the house breaking glass sensor is triggered and an alarm alerts the police and the owners of the incident.

Smart house is an organism which can understand you. It gives it owner a completely new quality of life. And this is really actual today.