

## **REPORT –CHEMISTRY DEPARTMENT**

### **INNOVATIVE AND SUSTAINABLE IDEA COMPETITION**



An ONLINE competition was organized by Electronics and communication engineering department of IILM institute, Greater Noida on 12<sup>th</sup> October. 26 Teams participated in this event. Participants from various schools, universities and prestigious institute like AIIMS participated in this competition. **Tanya Mudel of XI B of THE AIR FORCE SCHOOL** participated in this event and exhibited her project with great amount of zeal and enthusiasm on the topic ECOBOT. It was an enriching experience for her. **Ten** best ideas were shortlisted in the **first round**. Tanya Mudel secured the **first position**. She also cleared the final round and secured **fourth position**. **Congratulations!!**

**ECOBOT-The Bin of the New Generation**, is an innovation towards advancement in the garbage management sector, keeping in mind the idea of sustainability. Ecobot is a robot bin consisting of a basket ball net along with a blue and green bin for non-biodegradable and degradable wastes respectively.. Ecobot then, degrades the biodegradable waste in the in built composter and use it as a source of energy. There's also solar panels attached as a complementary source. This model is a small step for enlightening the need of proper garbage disposal in the young generation along with following the sustainability criterias.

