

# S<sup>3</sup> Science Students' Society

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## Scubed reaction for:

## KSU's report on the Laboratory Facilities in the Departments of Biology and Chemistry

### Affiliates



First of all, Scubed would like to congratulate KSU's education commission for writing such a detailed report on the facilities which are mostly used by the faculty of science students; hence Scubed members.



We believe that the labs should not just be maintained for students to enjoy the use of new and modern laboratories. More importantly, as outlined in the report, they should provide a complete lab experience; something which every scientist in the field should have before graduating.

We also agree with KSU's initiative to promote better health and safety measures in the laboratories, as very often these places can cause some risks to the students; risks that can be easily minimized by appropriate equipment and procedures.



In addition, we wish to include a suggestion by which less water is wasted in the labs. We have noted that the vacuum suction pumps work with a system by which water is used to create suction and the water is then put in another system, where it is retrieved. This system is very inefficient since loads of energy is needed for the retrieval of pure tap water. Vacuum machines can be bought instead which are more efficient, easier to use and do not need a water system.

Students have also noted that in both departments, huge amounts of tap water is wasted daily as it is used to cool the condenser used to cool the distilled water. This water can be easily retrieved and used for other purposes and it is of great disappointed to see tap water constantly running down the drain: clean and unused.

We are sure that any lack of equipment and the fact that no major refurbishment has been done to the laboratories are both a problem caused by lack of funding. We have noticed that more students are choosing to study biology and chemistry double honors or chemistry single honors as their undergraduate course, which means that more money is spent on chemicals for the students to use but the funding was not increased. We are sure that with appropriate funding, the departments will be able to make the necessary changes that will make the laboratories safer, more efficient and better looking.

Thanks,  
Scubed Executive.



Ministry of Education  
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