



# Sadakathullah Appa College

\*An Autonomous Institution, Re-Accredited by NAAC at an 'A' Grade, \*ISO 9001 : 2015 Certified\*

## AQAR (2020-2021)

### CRITERION VII

#### INSTITUTIONAL VALUES AND BEST PRACTICES

##### 7.1.3

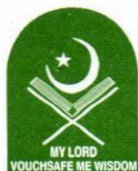
The Institution has facilities for alternate sources of energy and energy conservation

#### Handling of Hazardous Chemicals

*Submitted to*

THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)





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## 7.1.3

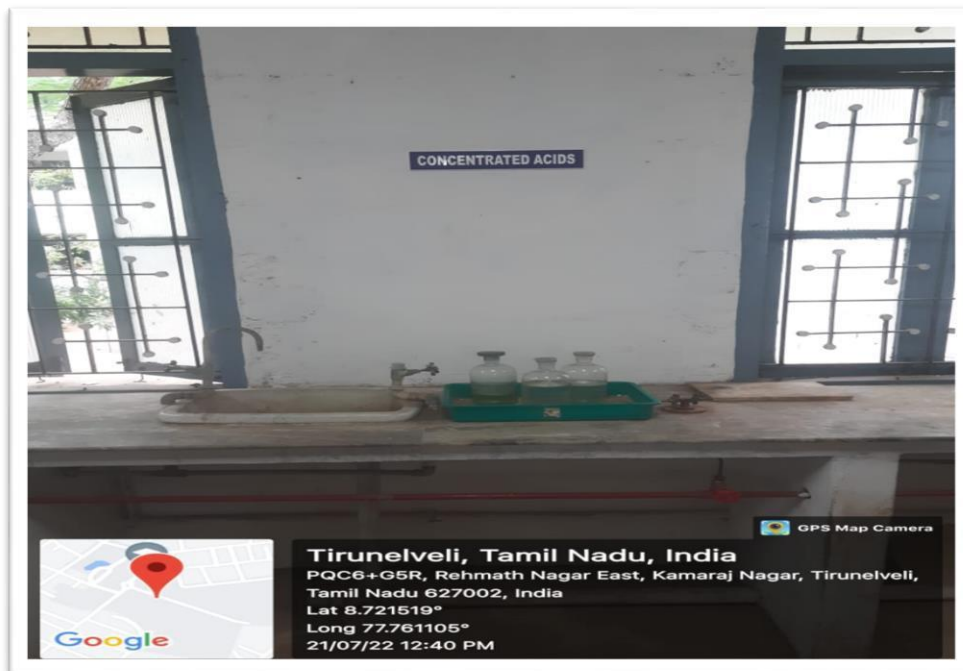
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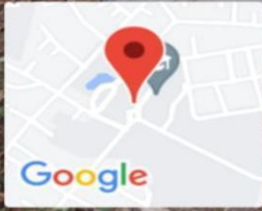
#### Handling of Hazardous Chemicals

The College adopts various methods to prevent discharge of pollutants to the watercourses, through the collection and proper disposal of hazardous liquid materials. As such, in the departments of Chemistry, Microbiology and Zoology, liquid waste management plants have been installed. The liquid waste management tanks contain charcoal and sand that will reduce the reactivity of the hazardous chemicals and liquid discharge that will harm the environment. Every year, the sledge in the liquid waste management tank is disposed properly and is dumped again with charcoal and sand. In the Chemistry Laboratory, hazardous chemicals are safely maintained on sand baths. Also the used reagent and spillage are disposed into two separate sinks. The well-ventilated Chemistry laboratory has exhaust fans to get rid of toxic fumes, grilled windows and doors in the gas storage room, two fire-extinguishers, a master switch and emergency exits. It conducts periodical check-ups for the electrical appliances in the laboratory and allows the students inside the laboratory only with lab coat and goggles. In the Microbiology laboratory, the culture development room is protected with glass door.



## CHEMISTRY LABORATORY





**Tirunelveli, Tamil Nadu, India**

Sadakathullah Appa college, Rahmath Nagar, Kamaraj Nagar,  
Tirunelveli, Tamil Nadu 627002, India

Lat 8.722284°

Long 77.760513°

22/07/22 04:52 PM