

A Study of Challenges Faced in Conducting Laboratory Sessions by ICSE School Science Teachers of Mumbai and Suburban Region

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Abstract: *The aim of the present study is study the challenges faced in conducting laboratory sessions by ICSE school science teachers of Mumbai and suburban region. The sample selected were 20 teachers teaching science to high school students from the schools and colleges located in the suburbs of Mumbai. The study reveals that the unavailability of the first aid kit in the laboratory puts the students at risk and thus teachers avoid laboratory visits and provide few chances of hands-on experience to students. Students do not handle the apparatus with care and teachers find it risky to conduct lab sessions. Majority of the teachers fail to create curiosity and generate interest among students through demonstrations and experiments. Majority of the teachers rarely go through in-service training to enhance their skills. The laboratories are sometimes not well equipped with the scientific apparatus and latest technology*

Keywords: Challenges, Laboratory, ICSE, school teachers, Mumbai and Suburban region

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