



HIGHER EDUCATION SCIENCE AND TECHNOLOGY

Internship Logbook



Student Name: NAMUJI JOTCE

Month: THREE (3)

Target	Achievements	Challenges	Lessons Learnt
kin. Cur. vodka Determining turbidity, miscibility with water	<ul style="list-style-type: none"> Determined the ethyl Alcohol content using Pyknometer method. 	<ul style="list-style-type: none"> The apparatus were very few in that we carried out one experiment for illustration. 	<ul style="list-style-type: none"> I learnt how to determine esters in alcohol. I learnt preparation of 99% Alcohol.
Determining (in wine) - total solids - Brix - Alkalinity - Aldehydes	<ul style="list-style-type: none"> Determined total solids, Brix, Alkalinity and Aldehydes. Distilled wine water. 	<ul style="list-style-type: none"> The preparation of the reagents to be used required all the apparatus to be cleaned which made it hard because of rust. 	<ul style="list-style-type: none"> I learnt how to determine total solids, Brix, alkalinity and Aldehydes.
Determination of Alcohol content - Determining esters in alcohol sample.	<ul style="list-style-type: none"> Determined ethyl Alcohol content on personal basis. 	<ul style="list-style-type: none"> I faced the problem of connecting most things where some broke. I faced the problem of rusted equipment. 	<ul style="list-style-type: none"> I learnt how to collect 99% alcohol content. Used the sample to determine esters.
Determining Sugar content, it's pH, Refractive index Determining titratable acidity in juice sample.	<ul style="list-style-type: none"> Determined sugar content and it's pH. Determined titratable acidity in juice sample. 	<ul style="list-style-type: none"> I faced the challenge of preparing reagents in that some stock solutions were not here. I also faced the challenge of handling in using machines. 	<ul style="list-style-type: none"> I learnt how to determine sugar content, it's pH, refractive index of juice sample. I learnt how to determine titratable acidity in juice sample.
Determining Acid insoluble ash.	<ul style="list-style-type: none"> I got to know how to determine moisture and acid insoluble ash. 	<ul style="list-style-type: none"> Durations taken to prepare the reagent was too long. 	<ul style="list-style-type: none"> I learnt how to determine acid insoluble ash.

<ul style="list-style-type: none"> Determining Ascorbic acid (vitamin C) in fruits. Determining matter insoluble in alcohol. 	<ul style="list-style-type: none"> Standardizing solution like 1% starch solution, iodine solution Titrated juice sample 	<ul style="list-style-type: none"> Collecting the sample was very hard because to be collected because the juice sample was not in the laboratory 	<ul style="list-style-type: none"> I learnt determination of ascorbic acid (vitamin C) in fruits. I learnt how to determine matter insoluble in alcohol.
<ul style="list-style-type: none"> Determining pH value range in liquid detergents 	<ul style="list-style-type: none"> Determined pH value range in liquid detergents. Determined pH value in liquid detergents 	<ul style="list-style-type: none"> Faced the challenge of inadequate sample. The detergent used required most of the equipment which were not there 	<ul style="list-style-type: none"> I learnt the pH value range in liquid detergents using a pH meter.
<ul style="list-style-type: none"> Determining total surface active matter content in liquid detergent. 	<ul style="list-style-type: none"> Determined the total surface active matter content in liquid detergents and also the soap. 	<ul style="list-style-type: none"> The colour change is very hard to observe the change in the pH in the of the detergent was very hard. 	<ul style="list-style-type: none"> I learnt how to determine total surface active matter content in liquid detergent.

Supervisors Comment: Joyce has participated in a number of Analysis, where she obtained correct results.

Signature: 