

**SPECTROSCOPIC AND CRYSTALLOGRAPHIC STUDIES OF TiO₂
NANOPARTICLES AND ITS EFFECTS ON EARLY
GROWTH STAGE OF ASIAN RICE PLANTS**

*Dissertation submitted to
UNIVERSITY OF KERALA*

*In partial fulfilment of the award of the credits of
First Degree Programme in Chemistry*

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Subject Code : CH 1646
Exam Code : 2320602



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MAY 2024

**Ecofriendly Synthesis of 2-Aminophenylimino Methyl Phenol: A
Clean, Quick and Yield Boosting Approach**

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**KINETIC REMOVAL OF AMINO PROTECTING BASE LABILE
FMOC AND ACID LABILE BOC GROUPS FROM TRYPTOPHAN
AMINO PS-DVB RESIN: A COMPARITIVE STUDY**

PROJECT WORK

Submitted to the University of Kerala in partial fulfillment of the requirements for the award of Bachelor of Science in Chemistry under CBCS System

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ESTIMATION OF GLUCOSE BY PHENOL- H₂SO₄ METHOD

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In partial fulfilment for the award of the degree of

BACHELOR OF SCIENCE IN

CHEMISTRY

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2021-2024

VOLUMETRIC DETERMINATION OF CALCIUM

PROJECTWORK

Submitted to the University of Kerala
In partial fulfillment of the requirements for the first degree
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MAY 2024

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**EXTRACTION OF DYES FROM NATURAL PRODUCTS FOR THE
UTILISATION IN DSSC**

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MAY, 2024.

**PREPARATION OF POTASSIUM TRISOXALATO CHROMATE
(III) TRIHYDRATE AND ESTIMATION OF CHROMIUM AND
OXALATE**

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Comparing Crosslink Densities of Tyre Components by Swell Method

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