

**A STUDY ON ADULTERANTS IN FOOD AND A STUDY ON FISH PRESERVATIVES,
AMMONIA AND FORMALIN AND ITS TOXIC EFFECT ON HUMAN HEALTH**

A Dissertation submitted to The Calicut University in partial fulfillment of the requirements
[for the award of degree in]

BACHELORS OF SCIENCE IN BIOCHEMISTRY

Submitted by,

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ANASWARA N P (PZARSBC004)

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Under the guidance of,

Mr. JESSIN GEORGE

(Assistant Professor Department of Biochemistry)



**DEPARTMENT OF BIOCHEMISTRY
PAZHASSIRAJA COLLEGE PULPALLY
ACCREDITED BY NAAC WITH "B" GRADE
MARCH 2020**



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CERTIFICATE

This is to certify that the dissertation entitled "A STUDY ON ADULTERANTS IN FOOD AND A STUDY ON FISH PRESERVATIVES, AMMONIA AND FORMALIN AND ITS TOXIC EFFECT ON HUMAN HEALTH" is a bonafide work submitted to the University of Calicut in partial fulfillment of the requirement for the award of degree in Bachelor of Science in Biochemistry done by **AJAY DAS, ANASWARA N P, ANN MARY MATHEW, AISHWARYA THOMAS, MITHUN K RAJAN** of Department of Biochemistry, Pazhassiraja College, Pulpally, during the academic year 2019-2020.

This is an authentic record of the research carried out under the guidance and supervision of **MR. JESSIN GEORGE**, Assistant Professor, Department of Biochemistry, Pazhassiraja College, Pulpally.

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PHYTOCHEMICAL SCREENING AND BIOPESTICIDAL ACTIVITY OF *Verbascum thapsus* LEAF EXTRACT

A Dissertation submitted to The Calicut University in partial fulfillment of the requirements
for the award of degree in

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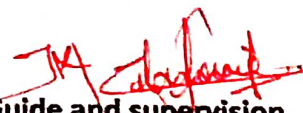
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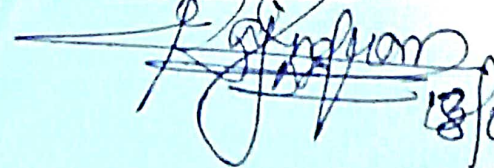
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18/03/20

**SOIL PHYSIO-CHEMICAL AND MICROBIAL ANALYSIS IN FLOOD
AFFECTED AGRICULTURAL PLAINS OF PERIKKALLOOR
VILLAGE**

A Dissertation submitted to The Calicut University in partial fulfillment of the requirements
for the award of degree in

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This is to certify that the dissertation entitled “**A STUDY ON SOIL PHYSIO-CHEMICAL AND MICROBIAL ANALYSIS IN FLOOD AFFECTED AGRICULTURAL PLAINS OF PERIKKALLOOR VILLAGE**” is a bonafide work submitted to the University of Calicut in partial fulfillment of the requirement for the award of degree in Bachelor of Science in Biochemistry done by **AJAY K.S, ARJUN.K, BIBIN RAJ, DIYA K RAJAN, NANDANA A.S**, of Department of Biochemistry, Pazhassiraja College, Pulpally, during the academic year 2019-2020.

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SICKELE CELL DISEASE, SCREENING IN THREE DIFFERENT TRIBAL POPULATIONS IN PULPALLY, WAYANAD

A Dissertation submitted to The Calicut University in partial fulfillment of the requirements
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This is to certify that the dissertation entitled "Scikle Cell Disease, screening in three different tribal populations in Pulpally, Wayanad" is a bonafide work submitted to the University of Calicut in partial fulfillment of the requirement for the award of degree in Bachelor of Science in Biochemistry done by **AKSHAYA.P.P(PZARSBC003)**, **ANJANA.K.R(PZARSBC021)**, **HRIDYA.M.S(PZARSBC010)**, **SANDRA.SUNIL(PZARSBC011)**, **SHINTO JOSEPH.(PZARSBC012)**, **VAISHNAVI.K.A(PZARSBC014)** of Department of Biochemistry, Pazhassiraja Collage, Pulpally, during the academic year 2019-2020.

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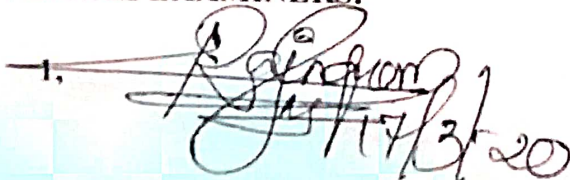
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EXTERNAL EXAMINERS:

1, 
17/3/20

2,

**Phytochemical screening and pharmacological
activities of different solvent extract of *Muehlenbeckia
platyclada* root**

**A dissertation submitted for the partial fulfillment of Bachelor of Science in
Biochemistry**



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MARCH 2020



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This to certify that dissertation entitled" **Phytochemical screening and pharmacological activities of different solvent extracts of *Muehlenbekia platyclada* root** submitted is a bonafide work of the dissertation carried out by Ms.Anjima.M, Ms.Athira Sabu, Ms.Athulya P S, Ms Fathima P S and Mr. Vishnu Balan under the guidance of Dr.Jenson Jacob, Department of Biochemistry Pazhassiraja College, Pulpally affiliated to University of Calicut during the academic year 2019-2020.


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