Estimation and Molecular Validation of Amylose Content in Traditional and Released Rice Varieties using Waxy Gene Based Molecular Markers

Dissertation submitted to the University of Kerala in partial fulfilment of the requirements for the award of the Degree of

MASTER OF SCIENCE IN BIOCHEMISTRY

Submitted by

ARATHY M.

Candidate code: 63824142002

Exam code: 63822403

Subject code: BC 544

T.K.M. COLLEGE OF ARTS AND SCIENCE LIBRARY
Acc. No. P1303
Date 03-09-2026

Under the Guidance of

Prof. (Dr.) R. Rajalakshmi & Dr. Nadiya F.

Inter University-Centre for Genomics & Gene Technology (IU-CGGT)
University of Kerala, Kariavattom, Thiruvananthapuram

DEPARTMENT OF BIOCHEMISTRY
T.K.M. COLLEGE OF ARTS AND SCIENCE, KARICODE, KOLLAM
JULY, 2026

P1303