

# UNIVERSITY OF KERALA

DEPARTMENT OF BIOTECHNOLOGY  
UNIVERSITY CAMPUS  
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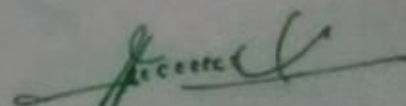


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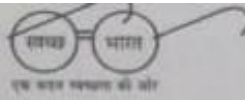
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## CERTIFICATE

This is to certify that the dissertation entitled "**Studies On Nrf-2 Gene Expression In Neurodegeneration Through Mitochondrial Dysfunction In Differentiated PC-12 Cells**" is a bonafide record of the project work carried out by **Ms. SAJANA S**, under my guidance and supervision in the Department of Biotechnology, University of Kerala, Kariavattom campus, Thiruvananthapuram, and that no part thereof has been presented for the award of any degree.

  
Dr. A Jayakumaran Nair  
Associate Professor and Head





एक कदम स्वच्छता की ओर

## भा.कृ.अनु.प - केंद्रीय कन्द फसल अनुसंधान संस्थान

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### CERTIFICATE

This is certified that the dissertation entitled "Cassava mosaic disease associated marker validation in susceptible and resistant cassava lines" is an authentic record of project work carried out by Miss. Priyanka. C at ICAR-Central Tuber Crops Research Institute (ICAR-CTCRI), Thiruvananthapuram in partial fulfilment of the requirements for the Master of Science in Biotechnology, submitted to Sree Narayana College, Kollam - 691 001 under University of Kerala. The content of this dissertation, in full or parts have not been submitted to any other Institute or University for the award of any degree or diploma.

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