

**SAHODARAN AYYAPPAN SMARAKA SNDP YOGAM
COLLEGE**

KONNI, PATHANAMTHITTA

(Aided College Affiliated to Mahatma Gandhi University, Kottayam)



BACHELOR OF SCIENCE IN MATHEMATICS

CERTIFICATE

This is to certify that the Main Project entitled "GRAPH COLOURING AND APPLICATIONS" is the bonafide work carried out by AKSHARA ASHOK (Reg.no. 210021033168) student of BACHELOR OF SCIENCE IN MATHEMATICS, Sahodaran Ayyappan Smaraka SNDP Yogam College, Konni, Pathanamthitta, Kerala during the year (2021 - 2024), in partial fulfilment of the requirement for the award of the degree in BSC Mathematics of Mahatma Gandhi University, Kottayam and that the project has no formed the basis for the award previously of any degree, diploma, associateship, fellowship or any other similar title.

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This is to certify that the Main Project entitled "PARTIAL DIFFERENTIAL EQUATIONS AND APPLICATIONS IN PHYSICS" submitted by ASWIN S (Reg.no. 210021033169) in partial fulfillment of the requirements for the award of the Degree of Bachelor of Science in Mathematics of Mahatma Gandhi University is the bonafide record of the studies undertaken by her under my supervision at the Department of Mathematics, Sahodaran Ayyappan Smaraka SNDP Yogam College, Konni, during the period 2021 -2024. This dissertation has not been submitted for any other degree elsewhere.



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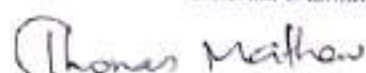


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This is to certify that the Main Project entitled "NUMERICAL SOLUTION OF ORDINARY DIFFERENTIAL EQUATION" submitted by HARIPRIYA C H (Reg.no. 210021033170) in partial fulfillment of the requirements for the award of the Degree of Bachelor of Science in Mathematics of Mahatma Gandhi University is the bonafide record of the studies undertaken by her under my supervision at the Department of Mathematics, Sahodaran Ayyappan Smaraka SNDP Yogam College, Konni, during the period 2021 -2024. This dissertation has not been submitted for any other degree elsewhere.


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This is to certify that the Main Project entitled "NUMERICAL SOLUTION OF ORDINARY DIFFERENTIAL EQUATION" is the bonafide work carried out by **SABITHA K S** (Reg.no. 210021033171) student of **BACHELOR OF SCIENCE IN MATHEMATICS**, Sahodaran Ayyappan Smaraka SNDP Yogam College, Konni, Pathanamthitta, Kerala during the year (2021 - 2024), in partial fulfilment of the requirement for the award of the degree in **BSC Mathematics of Mahatma Gandhi University, Kottayam** and that the project has no formed the basis for the award previously of any degree, diploma, associateship, fellowship or any other similar title.

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This is to certify that the project entitled "**APPLICATION OF DERIVATIVES**" is the bonafide work carried out by **ABHIRAMI A** (Reg. No.210021033172) student of **BACHELOR OF SCIENCE IN MATHEMATICS**, Sahodaran Ayyappan Smaraka SNDP Yogam College, Konni, Pathanamthitta, Kerala during the year 2021-2024, in partial fulfilment of the requirement for the award of the degree in **BSc Mathematics of Mahatma Gandhi University, Kottayam**.

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This is to certify that the Main Project entitled “**PARTIAL DIFFERENTIAL EQUATIONS AND APPLICATIONS IN PHYSICS**” submitted by **ARCHANA M G (Reg.no. 210021033173)** in partial fulfillment of the requirements for the award of the Degree of Bachelor of Science in Mathematics of Mahatma Gandhi University is the bonafide record of the studies undertaken by her under my supervision at the Department of Mathematics, Sahodaran Ayyappan Smaraka SNDP Yogam College, Konni, during the period 2021 -2024. This dissertation has not been submitted for any other degree elsewhere.

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This is to certify that the project entitled "**APPLICATION OF DERIVATIVES**" is the bonafide work carried out by DHANASREE SURESH (Reg. No.210021033174) student of **BACHELOR OF SCIENCE IN MATHEMATICS**, Sahodaran Ayyappan Smaraka SNDP Yogam College, Konni, Pathanamthitta, Kerala during the year 2021-2024, in partial fulfilment of the requirement for the award of the degree in **BSc Mathematics of Mahatma Gandhi University, Kottayam.**

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This is to certify that the Main Project entitled "GRAPH COLOURING AND APPLICATIONS" is the bonafide work carried out by S ASWIN (Reg.no. 210021033175) student of BACHELOR OF SCIENCE IN MATHEMATICS, Sahodaran Ayyappan Smaraka SNDP Yogam College, Konni, Pathanamthitta, Kerala during the year (2021-2024), in partial fulfilment of the requirement for the award of the degree in **BSC Mathematics of Mahatma Gandhi University, Kottayam** and that the project has not formed the basis for the award previously of any degree, diploma, associateship, fellowship or any other similar title.

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