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# BSc MATHEMATICS

PROJECT CERTIFICATES



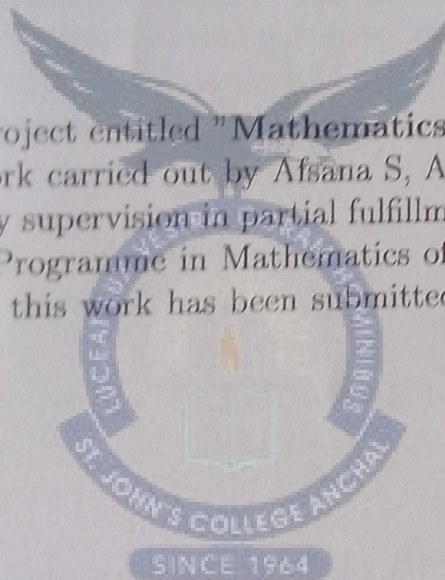
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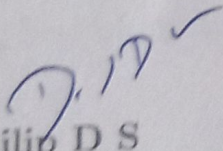
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## St. John's College, Anchal, Kollam

### CERTIFICATE

I hereby certify that this project entitled "Mathematics of Artificial Intelligence" is a project work carried out by Afsana S, Anandu A, Krishna Anil and Sherin R under my supervision in partial fulfillment of the requirement for the First Degree Programme in Mathematics of the University of Kerala and that no part of this work has been submitted for the award of any Degree.



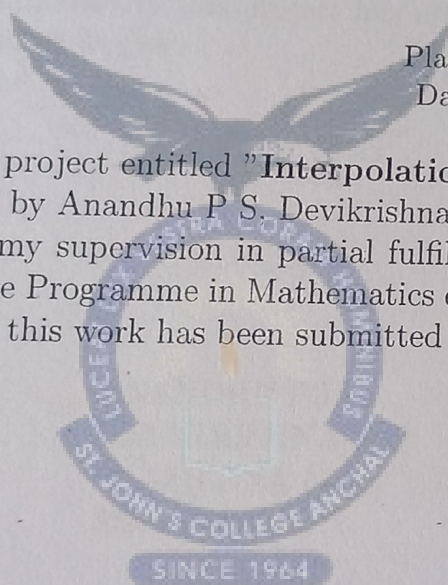
  
Dr Dilip D S  
Supervising Teacher  
Head of the Department  
Department of Mathematics

# St. John's College, Anchal, Kollam

## CERTIFICATE

Place : Anchal  
Date : May 13, 2024

I hereby certify that this project entitled "**Interpolation Techniques**" is a project work carried out by Anandhu P S, Devikrishna B R, Shameena Mol and Aswadh A under my supervision in partial fulfillment of the requirement for the First Degree Programme in Mathematics of the University of Kerala and that no part of this work has been submitted for the award of any Degree.



*D S*

Dr Dilip D S  
Head of the Department  
Department of Mathematics

*FWI* *[Signature]*  
18-5-2024

Dr Dhanya Ramachandran  
Supervising Teacher  
Assistant Professor  
Department of Mathematics

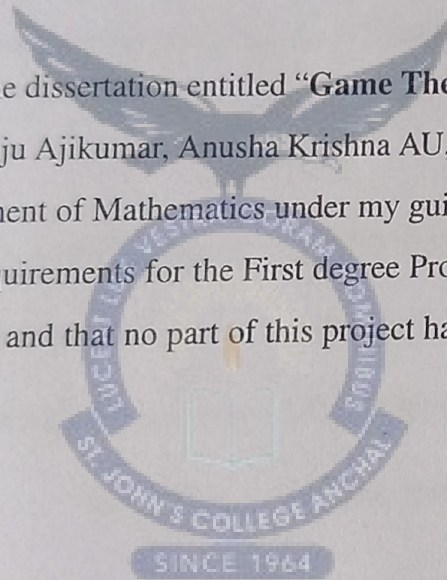
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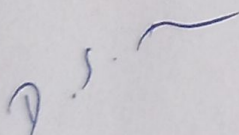
## CERTIFICATE

Place : Anchal

Date : 14 May 2024

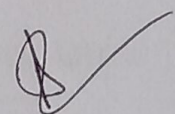
I hereby declare that the dissertation entitled "**Game Theory**" is a bonafide record of works carried out by Anju Ajikumar, Anusha Krishna AU, Athira Krishnan UB and Avya Babu, at the Department of Mathematics under my guidance and supervision in partial fulfilment of the requirements for the First degree Programme in Mathematics of the University of Kerala and that no part of this project has been submitted for the award of any degree.



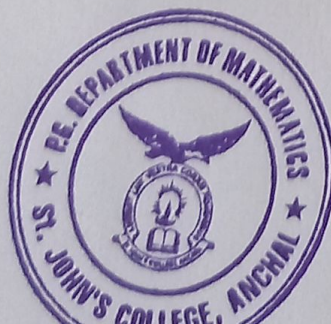
  
Dr. D S Dilip

Head of the Department

Department of Mathematics.

  
Dr Tony Philip

Supervising Teacher.



St.John's College Anchal, Kollam

CERTIFICATE

I hereby certify that this project entitled "ARITHMETICAL FUNCTIONS AND DIRICHLET MULTIPLICATION" is a project work carried out by Bismi Farsana, Aiswarya S, Anzif S Shihab and Abhimanyu Uday under my supervision in partial fulfillment of the requirement for the First Degree Programme in Mathematics of the University of Kerala and that no part of this work has been submitted for the award of any Degree.

Dr Dilip D S

Head of the department

Department of Mathematics

Place: Anchal

Date:13/05/2024

Dr Limna Raj B P

Supervising Teacher

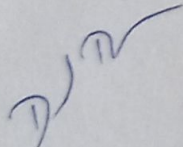
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CERTIFICATE

Place: Anchal

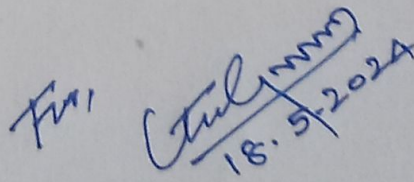
Date: 13 May 2024

I hereby certify that this project entitled "Applications of Derivatives" is a project work carried out by Chaithra M L, Akhila Murali, Devika R and Kripa K P under my supervision in partial fulfillment of the requirement for the First Degree Programme in Mathematics of the University of Kerala and that no part of this work has been submitted for the award of any Degree.

  
Dr. Dilip D S

Head of the Department

Department of Mathematics

  
Dr. Smitha Mary Mathew

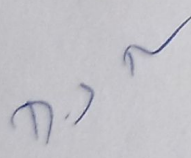
Supervising Teacher

# St.John's College, Anchal, Kollam

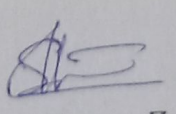
## CERTIFICATE

Place : Anchal  
Date : 14 May 2024

I hereby certify that this project entitled "A Study on Graph Colouring Techniques and Real World Applications" is a project work carried out by Amal Krishnan .M.S , Lekshmi Raj, Nandana Sreckumar, Simi.P.Saji and Albin.V.Jacob under my supervision in partial fulfillment of the requirements for the First Degree Programme in Mathematics of the University of Kerala and that no part of this work has been submitted for the award of any Degree.

  
Dr.Dilip.D.S

Head of the Department  
Department of Mathematics

  
Dr.Sunitha Grace Zacharia  
Supervising Teacher

# CERTIFICATE

I hereby declare that the dissertation entitled "A Study On Fuzzy Relations" is a bonafide record of works carried out by Vishnu Raj.R, Anjaly R, Johncy Johnson and Struthy S B, at the Department of Mathematics under my guidance and supervision in partial fulfilment of the requirements for the First degree Programme in Mathematics of the University of Kerala and that no part of this project has been submitted for the award of any degree.

*D.S.*  
Dr.D S Dilip  
Head of the Department  
Department of Mathematics.



*Sibi C Babu*  
18.5.2024  
Dr Sibi C Babu  
Supervising Teacher  
Department of Mathematics.

