



Annamalai University, Chidambaram

CERTIFICATE

This is to certify that the project entitled, "A STUDY ON FUZZY GRAPH AND THEIR RESULTS" submitted to Annamalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by **Ms.K.ANCHANADEVI** (Reg. No. 11121401001), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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Submitted for the viva-voce held on..04.10.2023.

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Annamalai University, Chidambaram

CERTIFICATE

This is to certify that the project entitled, "A STUDY ON COMPLETE FUZZY GRAPH" submitted to Annamalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by Ms. S.BANUPRIYA (Reg. No. 11121401002), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.


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Submitted for the viva-voce held on...~~01.05.2023~~ 01.05.2023


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Annamalai University, Chidambaram

CERTIFICATE

This is to certify that the project entitled, "A STUDY ON GRAPH COLOURING" submitted to Annamalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by **Ms. S. DHIVYA** (Reg. No. 11121401003), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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Annamalai University, Chidambaram

CERTIFICATE

This is to certify that the project entitled, "A STUDY ON GRACEFUL LABELING OF GRAPHS" submitted to Annamalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by Mrs. M. DIVYA (Reg. No. 11121401004), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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CERTIFICATE

This is to certify that the project entitled, "A STUDY ON CYCLE IN FUZZY GRAPHS" submitted to Annamalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by Ms. G. GOMATHI (Reg. No. 11121401005), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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Annamalai University, Chidambaram

CERTIFICATE

This is to certify that the project entitled, "A STUDY ON RADIO MEAN LABELING OF GRAPHS" submitted to Annamalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by Ms.D.ISHWARYA (Reg. No. 11121401006), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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CERTIFICATE

This is to certify that the project entitled, "A STUDY ON FUZZY MATRIX" submitted to Annamalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by Ms. A. KARTHIGA (Reg. No. 11121401007), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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Annammalai University, Chidambaram

CERTIFICATE

This is to certify that the project entitled, "A STUDY ON CRYPTOGRAPHY" submitted to Annammalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by Ms. V. KEERTHI (Reg. No. 11121401008), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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Annamalai University, Chidambaram

CERTIFICATE

This is to certify that the project entitled, "A STUDY ON CORDIAL LABELING OF GRAPHS" submitted to Annamalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by **Ms.T.MALARVIZHI (Reg. No. 11121401009)**, during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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CERTIFICATE

This is to certify that the project entitled, "A STUDY ON APPLICATIONS OF GRAPH THEORY" submitted to Annamalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by Ms. B. NIVETHA (Reg. No. 11121401010), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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Annamalai University, Chidambaram

CERTIFICATE

This is to certify that the project entitled, "A STUDY ON MEAN LABELING OF GRAPHS" submitted to Annamalai University in partial fulfilment of the requirement the award of the degree of Master of science in Mathematics by **Ms.S.PRIYADHARSHINI** (Reg. No. 11121401011), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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CERTIFICATE

This is to certify that the project entitled, "A STUDY ON GEOMETRIC MEAN LABELING GRAPHS" submitted to Annamalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by Mrs. A. SASTIKA (Reg. No. 11121401013), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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CERTIFICATE

This is to certify that the project entitled, "A STUDY ON PRIME LABELING OF GRAPH THEORY" submitted to Annamalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by Ms. D.SIVARANJANI (Reg. No. 11121401014), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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Annamalai University, Chidambaram

CERTIFICATE

This is to certify that the project entitled, "A STUDY ON MAGIC LABELING OF GRAPHS" submitted to Annamalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by Ms. S. SONA (Reg. No. 11121401015), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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Annamalai University, Chidambaram

CERTIFICATE

This is to certify that the project entitled, "A STUDY ON LINEAR ALGEBRA WITH APPLICATION" submitted to Annamalai University in partial fulfilment of the requirement the award of the degree of Master of science in Mathematics by Ms.S.SUBASHREE (Reg. No. 11121401016), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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Annamalai University, Chidambaram

CERTIFICATE

This is to certify that the project entitled, "A STUDY ON EDGE PRODUCT CORDIAL LABELING" submitted to Annamalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by Ms. K. SUVETHA (Reg. No. 11121401017), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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Annamalai University, Chidambaram

CERTIFICATE

This is to certify that the project entitled, "A STUDY ON CONTRA HARMONIC MEAN LABELING OF GRAPH THEORY" submitted to Annamalai University in partial fulfilment of the requirement for the award of the degree of Master of science in Mathematics by Mrs. L.YAMUNA (Reg. No. 11121401018), during the period of her study 2021-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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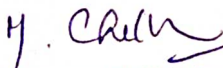
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Thiruvalluvar University, Vellore


CERTIFICATE

This is to certify that the project entitled, "A STUDY ON VECTOR ANALYSIS" submitted to Thiruvalluvar University in partial fulfilment of the requirement for the award of the degree of Bachelor of science in Mathematics by Ms. E. ABINAYA(Reg.No.12020U25001), Ms.P.BAKKIYALAKSHMI(Reg.NO:12020U25002),Ms. G. INDHUMATHI(12020U25009), Ms .R. KEERTHANA(12020U25014), Mrs. S. RAMYA(12020U25021) during the period of her study 2020-2023,in the Department of Mathematics, Krishnasamy college of Science, Arts & Management for women,Anand Nagar, S.Kumarapuram, Nellikuppam Main Road, Cuddalore, Under my supervision and guidance.


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PATRICIA.F(133)



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CERTIFICATE

This is to certify that the project entitled, "A STUDY ON EIGEN FUZZY SETS OF FUZZY RELATION WITH APPLICATIONS" submitted to Thiruvalluvar University in partial fulfilment of the requirement for the award of the degree of Bachelor of science in Mathematics by Ms. S. DEEPA (Reg. No. 12020U25003), Ms. S. PRATHIPA (Reg.NO: 12020U25019), Ms. D. SINDUJA (Reg.NO: 12020U25026), Ms. E. VALARMATHY (Reg.NO: 12020U25034), during the period of her study 2020-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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CERTIFICATE

This is to certify that the project entitled, "A STUDY ON CORDIAL LABELING GRAPHS" submitted to Thiruvalluvar University in partial fulfilment of the requirement for the award of the degree of Bachelor of science in Mathematics by Ms. V. DHANA LAKSHMI (Reg. No. 12020U25005), Ms. A. JAGATHEESWARI (Reg.NO: 12020U25011), Ms. P. PAVITHRA (Reg. No: 12020U25018), Ms. K. SUBASHINI (Reg.NO: 12020U25028), Ms. R. SWETHA (Reg.NO: 12020U25032) during the period of her study 2020-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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CERTIFICATE

This is to certify that the project entitled, "A STUDY ON ZAGREB INDICES OF GRAPHS" submitted to Thiruvalluvar University in partial fulfilment of the requirement for the award of the degree of Bachelor of science in Mathematics by Ms. P. DHIVYA (Reg. No. 12020U25006), Ms. U. HEMAMALINI (Reg.NO: 12020U25008), Ms. A. INDHUMATHY (Reg.NO: 12020U25010), Ms. N. NANDHINI (Reg.NO: 12020U25017), Ms. C. SHALINI (Reg.NO: 12020U25025) during the period of her study 2020-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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This is to certify that the project entitled, "A STUDY ON DOUBLE LAYERED FUZZY GRAPHS" submitted to Thiruvalluvar University in partial fulfilment of the requirement for the award of the degree of Bachelor of science in Mathematics by Ms. A. HARI PRIYA (Reg. No. 12020U25007), Ms. P. KOKILAMBAL (Reg.NO: 12020U25015), Ms. R. PRIYANKA (Reg. No: 12020U25020), Ms. D. SIVAANANDHI (Reg.NO: 12020U25027), Ms. M. VINOTHINI (Reg.NO: 12020U25035) during the period of her study 2020-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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This is to certify that the project entitled, "A STUDY ON EDGE PRODUCT CORDIAL LABELING GRAPHS" submitted to Thiruvalluvar University in partial fulfilment of the requirement for the award of the degree of Bachelor of science in Mathematics by Ms. S. JAYASRI (Reg. No. 12020U25012), Ms. S. KALAIVANI (Reg.NO: 12020U25013), Ms. K. SADHANA (Reg.NO: 12020U25022), Ms. M. SUBASRI (Reg.NO: 12020U25029), Ms. N. YUVALAKSHMI (Reg.NO: 12020U25037) during the period of her study 2020-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore, under my supervision and guidance.

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CERTIFICATE

This is to certify that the project entitled, "A STUDY ON MATRICES" submitted to Thiruvalluvar University in partial fulfilment of the requirement for the award of the degree of Bachelor of science in Mathematics by Ms. G. SELSIYA (Reg. No.12020U25024), Ms. R. SUMITHA (Reg.NO: 12020U25030), Ms. U. USHA (Reg.NO: 12020U25033), Ms. M. YUGAVARTHINI (Reg.NO: 12020U25036), during the period of her study 2020-2023, in the Department of Mathematics, Krishnasamy College of Science, Arts & Management for Women, Anand Nagar, S. Kumarapuram, Nellikuppam Main Road, Cuddalore. under my supervision and guidance.

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Submitted for the viva-voce held on...11.5.2023.....

EXTERNAL EXAMINER