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Criterion 1 – Curricular Aspects

Key Indicator	1.3	Curriculum Enrichment
Metric	1.3.4	Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year)

Department of Mathematics

S.No	Description
1.	List of students undertaking the field projects/ research projects / internship program-wise in the last completed academic year along with the details of title, place of work etc.
2.	<ul style="list-style-type: none">• Internship / research projects completion certificate from the organization where internship / research projects was completed along with the duration.• Report of the field visit / sample photographs of the field visit / permission letter from the competent authority will be considered.

Summery

S.No	Programme	No of students – Field Projects (a)	No of students – Research Projects (b)	No of students – Internships (c)	Total No of students (d)
1	Msc Maths	19	-	-	19
2	BSc Maths	5	-	-	5
Grand Total					24

List of students M.Sc maths

S. No	Reg. NO	Name	Title
1.	121011359038	AARTHI S	Geometric Mean Graphs and Super Edge Magic Graphs
2.	121011359039	ABINAYA S	Algorithm of Two modulo three harmonic mean labeling of path related graphs
3.	121011359040	ARUNDATHI A	A Study on Felicitous Labeling of Ladder, Path and Star Related Graphs
4.	121012359041	DINESHMUKILAN S	Evaluation of solar energy using artificial neural networks and adaptive neuro fuzzy inference system models: A Comparative Study
5.	121011359042	ELAKKIYA M	Evaluating the accuracy and efficacy of Trapezoidal rule for waterbody embankment problem of a pond in a village of South India employing python programming
6.	121011359043	ELANTHENDRAL R	A Study on type 1 Slice Set and its properties
7.	121011359044	MAHARANI S	Two Modulo Three Geometric Mean Labeling of path related Graphs
8.	121011359045	MUGHILARASI B	Super Mean Labeling of Graphs
9.	121011359046	PARKAVI K	A study on decision making for assessing degree of treatments in medical diagnosis
10.	121011359047	RESHMAA RAAJ M R	Evaluation of students academic performance using fuzzy inference system
11.	121011359048	SOWNDARYALAKSHMI K	A Structure of Centro Hermitian Matrices and Polynomial Centro Hermitian Matrices
12.	121011359049	SRILEKHA R	A study on fuzzy analysis of type II slice set
13.	121012359050	SRI RAM SIDDARTH M	Deteriorating inventory items with quadratic time dependent demand with shortage cost under trade credits: A fuzzy approach
14.	121011359051	SUBIKSHA I	A study on super felicitous difference labeling of path and cycle related graphs
15.	121012359052	SUGANDHAN R B	Performance analysis of adaptive neuro fuzzy inference system and artificial neural networks model to evaluate Automobile(car) mileage
16.	121011359053	VAISHNAVI N	A statistical study on the evaluation of presence of heart disease using the binary logistic regression method
17.	121012359054	VIGNESH P	Fuzzification of an EOQ model under the form of permissible delay in payments with various

			manageable costs and delivery lag
18.	121012359055	VIGNESH S	A study on impact of type III slice set on fuzzy sets
19.	121011359057	VIVEDHA S	A Study on Continued Fraction and Expression of Continued Fraction in terms of Jacobsthal Numbers

List of students B.Sc maths

S. No	Register No	Name of the Student	Title of the Project
1.	120012164057	ASHWIN K	A Study on Continued Fraction and Expression of Continued Fraction in terms of Jacobsthal Numbers
2.	120011164058	AYESHA UMMA HANI L	
3.	120011164059	JAYALAKSHMI S	
4.	120011164060	SUBASHINI V	
5.	120011164061	MATHARASI REGINA T	

CERTIFICATE

This is certified that the dissertation "GEOMETRIC MEAN GRAPHS AND SUPER EDGE MAGIC GRAPHS" is a record of research work done by S. AARTH during the period of her study under my guidance and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by her.


Date: 28. 04. 2023

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CERTIFICATE

This is certified that the dissertation "A STUDY ON TWO MODULO THREE HARMONIC MEAN LABELING OF PATH RELATED GRAPHS" is a record of research work done by S. ABINAYA during the period of her study under my guidance and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by her.


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CERTIFICATE

This is certified that the dissertation "A STUDY ON FELICITOUS LABELING OF LADDER, PATH AND STAR RELATED GRAPHS" is a record of research work done by A. ARUNDATHI during the period of her study under my guidance and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by her.


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CERTIFICATE

This is certified that the dissertation "EVALUATION OF SOLAR ENERGY USING ARTIFICIAL NEURAL NETWORKS AND ADAPTIVE NEURO FUZZY INFERENCE SYSTEM MODELS: A COMPARATIVE STUDY" is a record of research work done by S. DINESHMUKILAN during the period of his study under my guidance and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by him.

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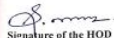


CERTIFICATE

This is certified that the dissertation "A STUDY ON ANALYSING THE ACCURACY OF SIMPSON'S AND TRAPEZOIDAL RULE FOR UNEQUAL DATA SPACE IN CANNAL DIGGING PROBLEM" is a record of research work done by M. ELAKKIYA during the period of her study under my guidance and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by her.

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This is certified that the dissertation "A STUDY ON TYPE 1 SLICE SET AND ITS PROPERTIES" is a record of research work done by R. ELANTHENDRAL during the period of her study under my guidance and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by her.

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This is certified that the dissertation "SUPER MEAN LABELING OF GRAPHS" is a record of research work done by S. MAHARANI during the period of her study under my guidance and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by her.

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This is certified that the dissertation "A STUDY ON TWO MODULO THREE GEOMETRIC MEAN LABELING OF PATH RELATED GRAPHS" is a record of research work done by B. MUGHILARASI during the period of her study under my guidance and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by her.

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This is certified that the dissertation "EVALUATION OF STUDENTS ACADEMIC PERFORMANCE USING FUZZY INFERENCE SYSTEM" is a record of research work done by M. R. RESHMAA RAAJ during the period of her study under my guidance and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by her.

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This is certified that the dissertation "A STUDY ON POLYNOMIAL CENTROHERMITIAN MATRICES" is a record of research work done by K. SOWNDARYALAKSHMI during the period of her study under my guidance and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by her.


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This is certified that the dissertation "A STUDY ON FUZZY ANALYSIS OF TYPE II SLICE SET" is a record of research work done by R. SRILEKHA during the period of her study under my guidance, and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by her.


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BONAFIDE CERTIFICATE

Certified that this project report on "DETERIORATING INVENTORY ITEMS WITH QUADRATIC TIME DEPENDENT DEMAND WITH SHORTAGE COST UNDER TRADE CREDITS: A FUZZY APPROACH" is the bonafide work of M. SRI RAM SIDDARTH Reg No: 121012359050 who carried out the project work under my supervision.

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This is certified that the dissertation "A STUDY ON SUPER FELICITOUS DIFFERENCE LABELING OF PATH AND CYCLE RELATED GRAPHS" is a record of research work done by SUBIKSHA I during the period of her study under my guidance and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by her.

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This is certified that the dissertation "PERFORMANCE ANALYSIS OF ADAPTIVE NEURO FUZZY INFERENCE SYSTEM AND ARTIFICIAL NEURAL NETWORKS MODEL TO EVALUATE AUTOMOBILE (CAR) MILEAGE" is a record of research work done by R. B. SUGANDHAN during the period of his study under my guidance and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by him.

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This is certified that the dissertation "A STATISTICAL STUDY ON THE EVALUATION OF PRESENCE OF HEART DISEASE USING THE BINARY LOGISTIC REGRESSION METHOD" is a record of research work done by N. VAISHNAVI during the period of her study under my guidance and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by her.

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This is certified that the dissertation "A STUDY ON EXPRESSION OF CONTINUED FRACTION IN TERMS OF STAR NUMBERS AND SQUARE NUMBERS" is a record of research work done by S.VIVEDHA during the period of her study under my guidance and that the dissertation has not previously formed the basis for the award of any degree, diploma, fellowship or similar other titles and that it is an independent work done by her.

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Certified that this project report "A STUDY ON CONTINUED FRACTION AND EXPRESION OF CONTINUED FRACTION IN TERMS OF JACOBSTHAL NUMBERS" is the bonafide work of ASHWIN K, AYESHA UMMA HANI L, JAYALAKSHMI S, SUBASHINI V, MATHARASI REGINA T who carried out the project work under my supervision.

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