

Lst of Students Undertaking Research Project: (M.Sc(Hons.) Mathematics)

Reference No. : SSBSU/UIS/PS/2022/ 129K

Date: 9/12/2022

Academic Session: 2021-2022

Name Of Institute: University Institute of Sciences

Name Of Department: Physical Sciences

Total Number of students in the Programme: 5

Total Number of students undertaking Research Project*: 5

Percentage of students undertaking Research Project: 100%

S. No	Program Code	Programme Name	Students Registration No.	Name of the Students	Project Title	Project Duration	Supervisor/ Advisor	Place where Research was conducted
1	PG036	M.Sc (Hons.) Mathematics	20036001	Maninderjit Kaur	Fuzzy set theory and its application in operation research	6Month (Jan-June 2022)	Dr. Ashima Kanwar	SBBSU
2	PG036	M.Sc (Hons.) Mathematics	20036003	Ifrah Rathore	A review: Evolution of fractional calculus and fractional Taylor Series method		Dr Anju Sood	SBBSU
3	PG036	M.Sc (Hons.) Mathematics	20036004	Pooja Devi	FUZZY SET THEORY: A brief introduction and its application in engineering		Dr. Ashima Kanwar	SBBSU
4	PG036	M.Sc (Hons.) Mathematics	20036005	Lovejit Kaur	Adomain decomposition method for solving simple harmonic oscillatory problem		Dr Inderdeep Singh	SBBSU
5	PG036	M.Sc (Hons.) Mathematics	20036006	Suman	Evolution of fractional calculus and fractional newton Raphson method		Dr Anju Sood	SBBSU

*Completion certificate from the organization where the research project was completed is to be submitted as proof.

*One student involved in multiple field works and/or research projects and/or internship should be counted as one.

*Report of the field visit / sample photographs of the field visit / permission letter from the competent authority only will be considered.

Signature of Coordinator/In-charge/Head of the Department
 Name of Coordinator/In-charge/Head of the Department

Dr. Neha Shama

Signature of Dean of Institute
 Name of Dean of Institute

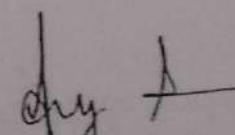
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CERTIFICATE

This is to certify that this research review work presented in this project is entitled "FUZZY SET THEORY AND ITS APPLICATION IN OPERATION RESEARCH" is the work of Ms. Maninderjit Kaur, student of M.sc (Honours) Mathematics conducted in Department of Physical Sciences, Sant Baba Bhag Singh University, Jalandhar, Punjab under my supervision towards the partial fulfilment of the Degree of M.Sc. (Honours) Mathematics during the semester February - June, 2022. This research review work has not been submitted earlier to any University/ Institute for any research degree to the best of my knowledge.

Date: 27/6/22

Place: Jalandhar


Dr. Ashima Kaur

Assistant Professor (Mathematics)
Department of Physical Science
Sant Baba Bhag Singh University
Distt: Jalandhar, Punjab

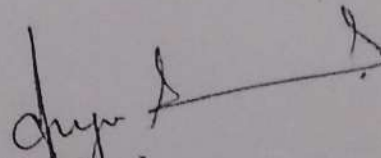


SANT BABA BHAG SINGH UNIVERSITY

CERTIFICATE

This is to certify that the present work entitled "A Review: Evolution Of Fractional Calculus And Fractional Taylor Series Method" is a bonafide work carried out by Ms. Ifrah Rathore, student of M.Sc. (Honours) Mathematics, conducted in the Department of Physical Sciences, Sant Baba Bhag Singh University, Jalandhar, Punjab under my supervision towards the partial fulfilment of the Degree of M.Sc. (Honours) Mathematics during the semester of February-July 2022. This research review has not been submitted earlier to any University Institute for any research degree to the best of my knowledge.

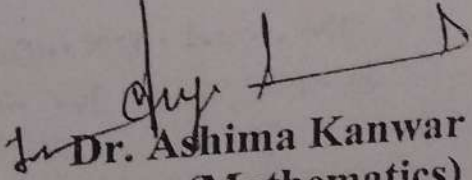
Date: 30/06/2022
Place: Jalandhar


Dr. Anju Sood
Associate
Assistant Professor (Mathematics)
Department of Physical Sciences
Sant Baba Bhag Singh University
Distt: Jalandhar, Punjab

CERTIFICATE

This is to certify that this research review work presented in this project is entitled **"FUZZY SET THEORY: A Brief Introduction and its Application in Engineering"** the own work of Ms. Pooja Devi, student of M.sc (Honours) Mathematics conducted in the **Department of Physical Sciences, Sant Baba Bhag Singh University, Jalandhar, Punjab** under my supervision towards the partial fulfilment of the Degree of M.Sc. (Honours) Mathematics during the semester February - June, 2022. This research review work has not submitted earlier to any University/ Institute for any research degree to the best of my /our knowledge.

Date : 27/06/2022
Place: Jalandhar

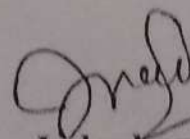

Dr. Ashima Kanwar
Assistant Professor (Mathematics)
Department of Physical Sciences
Sant Baba Bhag Singh University
Distt: Jalandhar, Punjab

CERTIFICATE

This is to certify that this research review work presented in this project is entitled "ADOMIAN DECOMPOSITION METHOD FOR SOLVING SIMPLE HARMONIC OSCILLATORY PROBLEM" is the own work of Ms. Lovejit Kaur, student of M.sc (Honours) Mathematics conducted in the Department of Physical Sciences, Sant Baba Bhag Singh University, Jalandhar, Punjab under my supervision towards the partial fulfilment of the Degree of M.Sc. (Honours) Mathematics during the semester February - June, 2022. This research review work has not submitted earlier to any University/ Institute for any research degree to the best of my /our knowledge.

Date : 27/6/22

Place: Jalandhar



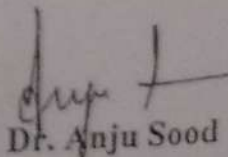
Dr. Inderdeep Singh
Assistant Professor (Mathematics)
Department of Physical Sciences
Sant Baba Bhag Singh University
Distt: Jalandhar, Punjab

CERTIFICATE

This is to certify that this research review work presented in this project is entitled "EVOLUTIC OF FRACTIONAL CALCULUS AND FRACTIONAL NEWTON RAPHSON METHOI is the own work of Ms. Suman, student of M.sc (Honours) Mathematics conducted in t Department of Physical Sciences, Sant Baba Bhag Singh University, Jalandhar, Punjab and my supervision towards the partial fulfilment of the Degree of M.Sc. (Honours) Mathemati during the semester February - June, 2022. This research review work has not submitted earlier any University/ Institute for any research degree to the best of my /our knowledge.

Date: 27/06/2022

Place: Jalandhar


Dr. Anju Sood

Associate Professor (Mathematics)
Department of Physical Sciences
Sant Baba Bhag Singh University
Distt: Jalandhar, Punjab