A PROJECT REPORT ON

"ANALYSIS OF BOUNDARY LAYER THEORY"

FOR ACADEMIC YEAR 2019-2021

In partical fulfilment of the requirement at the award of the degree of master of science in mathematics on elective paper boundary layer theory" EC MATH 403A"

By:-

Name :-Sangeeta Gagrai

Semester :-IV

Class roll No.:- 72

University Roll No. :-202606505987

Registration No. :-KU1619409

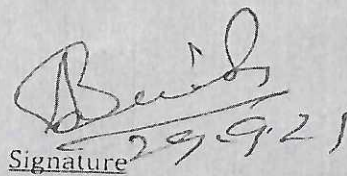Session :- 2019-2021

P.G Department (MATHS)

KOLHAN UNIVERSITY, CHAIBASA

CERTIFICATE

I hereby certify that the work which is being presented in dissertation entitled "ANALYSIS OF BOUNDARY LAYER THEORY^ prime . Inthe partial fulfilment of the requirement for the award of the Degree of Master of Science ,submitted in the department of mathematics, Kolhan University, Chaibasa, bonafied work carried out under the supervision of Dr. Dheeraj Viswakarma

This is to certify that the above statement made by the candidateis correct to the best of my knowledge

Summited by
(SANGEETA GAGRAI)

Signature
Dr.B.K.Sinha
Head of the Dept. of Mathematics
(KOLHAN UNIVERSITY CHAIBASA)

PG DEPARTMENT OF MATHEMATICS

KOLHAN UNIVERSITY, CHAIBASA

STUDY OF WAVE EQUATION

IN PARTIAL DIFFERENTIAL EQUATION

UNDER THE GUIDANCE OF

Dr. B. K. SINHA

FOR THE PPROJECT PAPER IN 4TH SEMESTER (2019-21)

OF MASTER OF SCIENCE (MATHEMATICS)

-: SUBMITTED BY :-

NAME : SNEHANSHU SHAW

UNIV. ROLL NO. : 202606505998
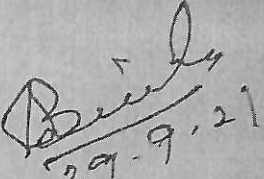
REG. NO/YEAR : KU1206783/2012

SEMESTER : 4TH

COLLEGE ROLL NO. : 63

Certificate

This is certify that the project work entitled " **Study of wave equation in partial differential equation**" being submitted by **Snehanshu Shaw** bearing registration no. **KU1206783/2012** roll no. **202606505998**, in partial fulfillment for the award of the degree of **M.sc (Mathematics)** to Kolhan University, Chaibasa is a bonafide work carried out by her under my supervision. This matter embodied in this project report has not been submitted to any other university for the award of any other degree.

29-9-21

Dr. B.K Sinha

Project Supervisor

PG department of Mathematics

Kolhan University, Chaibasa

A STUDY OF VISCOUS INCOMPRESSIBLE FLUID

IN BOUNDARY LAYER THEORY

A dissertation submitted to

PG Department of Mathematics

Kolhan University,Chaibasa

Under the Guidance of

Dr .B.K.Sinha

For the project paper in 4th semester (2019-2021) of

Master of Science (Mathematics)

Kolhan University, Chaibasa

Submitted by

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Semester:-4th

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