

## **DECLARATION BY THE STUDENT**

I, Pratiti Haldar, declare that the thesis entitled “A study on risk factors of malnutrition and effectiveness of Family Based Intervention Program (FBIP) on nutritional status of children and knowledge and practices of mothers in selected villages of Nainital district, Uttarakhand” is my own work conducted under the supervision of Dr. Lekha Viswanath (Supervisor) and Dr. A.K. Srivastava (Co-Supervisor) at Himalayan College of Nursing, Swami Rama Himalayan University, Dehradun, approved by Departmental Research Committee (DRC) on 3<sup>rd</sup> October 2019.

I further declare that to the best of my knowledge the thesis does not contain any part of my work which has been submitted for the award of any degree either in this University or in any other University/Deemed University without proper citation.

Besides this, I have successfully completed the Course work of one semester as per UGC – Regulation – 2016 norms. I have also given a pre – Ph.D. presentation and successfully incorporated the changes suggested on the basis of feedback and comments received. I have also published one research paper in the journal from my research work of the thesis and presented two papers in conferences/Seminars and has produced evidence for the same in form of acceptance letter/or the reprint.



**Pratiti Haldar**

## **CERTIFICATE**

This is to certify that Pratiti Haldar in the department of Nursing of this University has fulfilled the requirements prescribed for the Ph.D. degree of the Swami Rama Himalayan University, Dehradun.

This thesis entitled, "A study on risk factors of malnutrition and effectiveness of Family Based Intervention Program (FBIP) on nutritional status of children and knowledge and practices of mothers in selected villages of Nainital district, Uttarakhand" was carried out under my direct supervision. No part of the thesis was submitted for the award of any degree or diploma prior to this date.

Clearance was obtained from the University Ethics Committee for carrying out the study, vide SRHU (SRHU/HIMS/E-1/2019/92).



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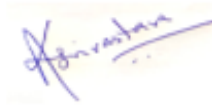
**Swami Rama Himalayan University**

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## CERTIFICATE FOR PLAGIARISM

It is certified that Ph.D. thesis entitled “A study on risk factors of malnutrition and effectiveness of Family Based Intervention Program (FBIP) on nutritional status of children and knowledge and practices of mothers in selected villages of Nainital district, Uttarakhand” by Pratiti Haldar has been examined by us. We undertake & declare that

- a. This thesis has significant new work/knowledge as compared to already published or are under consideration to be published elsewhere. No sentences, equation, diagram, table, paragraph or section has been copied verbatim from previous work unless it is placed under quotation marks and duly referenced.
- b. The work presented is original and own work of the author (i.e., there is no plagiarism). No ideas, processes, results or words of others have been presented as Author’s own work.
- c. There is no fabrication of data or results which have been compiled/analyzed.
- d. There is no falsification by manipulating research materials, equipment or processes, or changing or omitting data or results such that the research is not accurately represented in the research record.
- e. The thesis has been checked using TURNITIN/software as suggested by UGC (copy of originality report attached).

**Pratiti Haldar**

**Dr. A.K Srivastava**

**Dr. Lekha Viswanath**

**CERTIFICATE OF VIVA VOICE OF Ph.D.**  
**STUDENT**

**A STUDY ON RISK FACTORS OF  
MALNUTRITION AND EFFECTIVENESS OF  
FAMILY BASED INTERVENTION PROGRAM  
(FBIP) ON NUTRITIONAL STATUS OF  
CHILDREN AND KNOWLEDGE AND  
PRACTICES OF MOTHERS IN SELECTED  
VILLAGES OF NAINITAL DISTRICT,  
UTTARAKHAND.**

Submitted By

Pratiti Halder

For the Degree of

Doctor of Philosophy in

Nursing Sciences

is evaluated and approved by

**CO – SUPERVISOR**

**SUPERVISOR**

**EXAMINER**

## **Undertaking for the Submission of Ph.D. Thesis**

I solemnly declare that research work presented in the thesis titled “A study on risk factors of malnutrition and effectiveness of Family Based Intervention Program (FBIP) on nutritional status of children and knowledge and practices of mothers in selected villages of Nainital district, Uttarakhand” is solely my research work with no significant contribution from any other person. Small contribution/help wherever taken has been duly acknowledged and the complete thesis has been written by me.

I understand the zero – tolerance policy of the SWAMI RAMA HIMALYAN UNIVERSITY (SRHU) towards plagiarism. Therefore, I as an Author of the above titled thesis declare that no portion of my thesis has been plagiarized and any material used as reference is properly referred/cited.

I undertake that material of the thesis submitted in hard bound and soft copy are same and no alteration has been done. If found guilty in future University may take any action against me.

I undertake that if I am found of any plagiarism in the above titled thesis even after award of Ph.D. degree, the university reserves the rights to withdraw/revoke my Ph.D. degree.



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## LIST OF ABBREVIATIONS

<b>Terminology</b>	<b>Description</b>
WHO	World Health Organization
ICMR	Indian Council of Medical Research
UNICEF	United Nations International Children's Emergency Fund
FBIP	Family based intervention Program
WFA	Weight for Age
HFA	Height for Age
WFH	Weight for Height
MUAC	Mid Upper Arm Circumference
cm	Centimeters
Ht.	Height
Wt.	Weight
kg.	Kilograms
g	Grams
ANM	Auxiliary Nurse Midwife
ASHA	Accredited Social Health Activist
USHA	Urban Social Health Activist
SPSS	Statistical package for social sciences

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