

GOVERNMENT HOME SCIENCE COLLEGE

SECTOR 10 - D, CHANDIGARH



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This is to certify that the dissertation entitled **“DEVELOPMENT OF CALCIUM AND B COMPLEX VITAMINS RICH READY TO EAT SNACK ENRICHED WITH MILLETS”** submitted for the degree of Master of Science (Home Science) in Foods and Nutrition, to Punjab University, Chandigarh, is a bonafide research work carried out by Ms. Sannati under my supervision and no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of study have been fully acknowledged.

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This Is to certify that the dissertation entitled "Computational Investigation on Biological Properties of Flavoring Agents" Submitted for the degree of Master of Science (Home Science) in Food and Nutrition, to Panjab University, Chandigarh, is a Bonafide research work carried out by Anchal Sheokand under my supervision and no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of the study has been fully acknowledged.

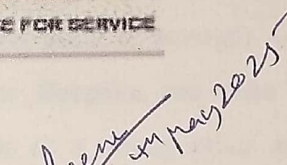



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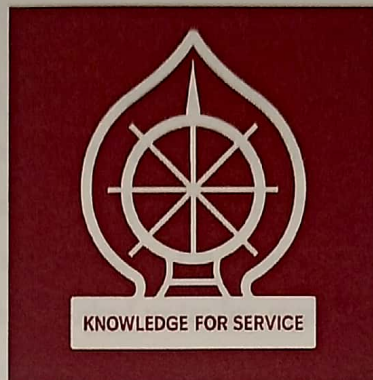
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This is to certify that the dissertation entitled '**KNOWLEDGE, ATTITUDE, AND PRACTICES (KAP) TOWARDS CERVICAL CANCER AMONG WOMEN IN CHANDIGARH**' submitted in partial fulfilment of the requirement for the degree of **Master of Science (Home Science) in Foods and Nutrition**, embodies the research carried out by **Annie Mittal**, under my guidance and supervision and no part of this work has been submitted for any other degree.

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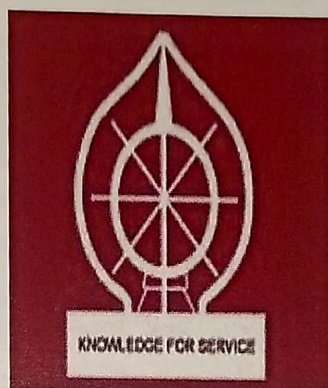
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This is to certify that the dissertation entitled " **ROLE OF CIRCADIAN RHYTHM IN OBESITY**" submitted for the degree of **Masters of Science (Home Science) in Foods and Nutrition**, to **Panjab University, Chandigarh** is a bonafide research work carried out by Ms. Anushka Sharma under my guidance and supervision and no part of this dissertation has been submitted for any other degree or diploma. The assistance and the help received during the course of study have been fully acknowledged.


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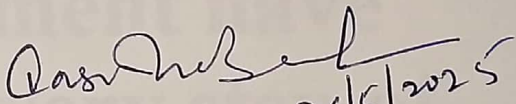
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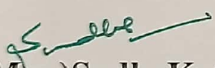
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This is to certify that the dissertation entitled “**To assess the nutritional status, knowledge and awareness regarding MCP card and ICDS programme of pregnant females of Hisar Haryana**” submitted for the degree of **Master of Science (Home Science) in Foods and Nutrition to Punjab University, Chandigarh**, is a bona fide research work carried out by Ms. Diksha Bamal under my supervision and no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of study has been fully acknowledged.

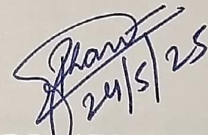

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This is to certify that the dissertation entitled **“DEVELOPMENT AND EVALUATION OF VALUE-ADDED PRODUCTS USING ORANGE PEEL AND POMACE POWDER”** submitted for the degree of Master of Science (Home Science) in Foods and Nutrition, to Panjab University, Chandigarh, is a bonafide research work carried out by Ms. Hamita Preet Kaur under my supervision and no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of study have been fully acknowledged.

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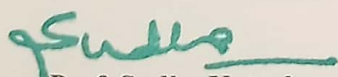
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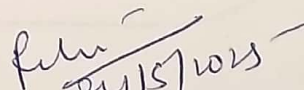
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This is to certify that the dissertation entitled “**A COMPARATIVE STUDY TO ASSESS THE PREVALENCE AND RISK ASSESSMENT OF DIABETES MELLITUS AMONG 25-40 YEARS OLD ADULTS IN URBAN AND RURAL AREAS**” submitted for the degree of Masters of (Home Science) in Foods and Nutrition, to Panjab University, Chandigarh, is a bonafied research work carried out by Ms. Jasreet Kaur under my supervision and no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the study have been fully acknowledged.


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This is to certify that the dissertation entitled "Computational & ADMET Investigation of Phytochemical Properties of Chemical Constituents Present in Mango Ginger" submitted for the degree of **Master of Science (Home Science) in Foods and Nutrition**, to **Panjab University, Chandigarh**, is a Bonafide research work carried out by Muskaan Thakran under my Supervision and no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of the study has been fully acknowledged.



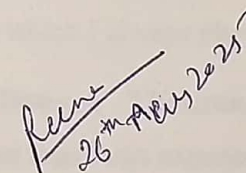

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This is to certify that the dissertation entitled " **A comparative study on the effect of nutritional status on the onset of menarche, menstrual hygiene practices and menstrual health of adolescent girls (9-19 yrs) in rural and urban areas (Ladwa and Kurukshetra)**" submitted in the partial fulfillment of the requirement for the degree of **Master of science (Home Science) in Foods and Nutrition**, embodies the research carried out by **Nandini**, under my Guidance and supervision no part of this work has been submitted for any other degree.

The assistance and help received during the course of study have been fully acknowledged.

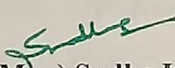
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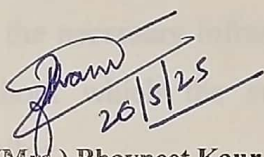


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This is to certify that the dissertation entitled **“Exploring the impact of menopausal transition on lifestyle and dietary pattern amongst urban women of North West Delhi”** submitted in the partial fulfillment of the requirement for the degree of **Master of Science (Home Science) in Foods and Nutrition**, embodies the research carried out by **Pranika Kapoor**, under my guidance and supervision no part of this work has been submitted for any other degree.


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CERTIFICATE

This is to certify that the dissertation entitled “A STUDY ON THE IMPACT OF GERMINATION ON THE NUTRITIONAL VALUE AND ACCEPTABILITY OF MILLET-BASED STEAMED CAKE” submitted for the degree of **Master of Science (Home Science) in Food and Nutrition**, to Panjab University, Chandigarh, is a bonafide research work carried out by **Ms. Sarita Jaiswar** under my guidance and supervision and that no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of study have been fully acknowledged.

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This is to certify that the dissertation entitled **"STUDY ON THE EFFECT OF GERMINATION OF FOXTAIL MILLET AND FINGER MILLET ON THE NUTRITIONAL QUALITY OF WHOLE WHEAT-BASED PIZZA BASE"** submitted for the degree of **Master of Science (Home Science) in Foods and Nutrition of Panjab University, Chandigarh**, is a record of work carried out by **Ms. Shreya Guglani**, under my supervision and no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of study have been fully acknowledged.

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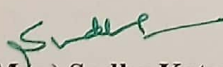
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This is to certify that the dissertation entitled “**Assessment of sodium consumption – A Kap study amongst college going girls**” submitted in the partial fulfillment of the requirement for the degree of **Masters of Science (Home Science) in Foods and Nutrition**, embodies the research carried out by **Tamanpreet Kaur**, under my guidance and supervision. No part of this work has been submitted for any other degree or diploma.

The assistance and help received during the course of study has been fully acknowledged.


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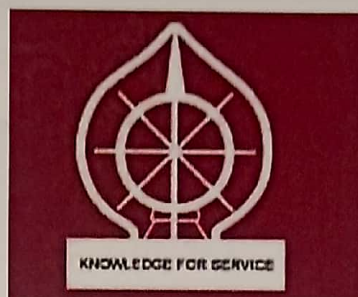
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This is to certify that the dissertation entitled “**Nutritional and Psychosocial Status of Adolescents Residing in Orphanage of Haryana and Chandigarh – A Comparison**” submitted for the degree of **Master of Science (Home Science) in Foods and Nutrition to Punjab University, Chandigarh**, is a bona fide research work carried out by Ms. Tanu under my supervision and no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of study has been fully acknowledge.

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This is to certify that the dissertation entitled “**A Comparative Study On The Association Of Dietary Patterns With Premenstrual Syndrome (PMS) Among School-Going And College-Going Girls In Shimla**” submitted for the degree of **Master of Science (Home Science) in Foods and Nutrition of Panjab University, Chandigarh**, is a record of work carried out by **Ms. Vartika Sood**, under my supervision and no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of study have been fully acknowledged.

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This is to certify that the dissertation entitled **“BANANA PEEL UTILIZATION FOR SUSTAINABLE PRODUCT DEVELOPMENT: A PATHWAY TO FOOD VALORIZATION”** submitted for the degree of Master of Science (Home Science) in Foods and Nutrition of Panjab University, Chandigarh, is a record of work carried out by Ms. Vishali Sharma, under my supervision and no part of this dissertation has been submitted for any other degree or diploma. The assistance and help received during the course of study have been fully acknowledged.

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