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### CERTIFICATE

This is to certify that the dissertation entitle 'Multi-functional finish on cotton with Myrica esculenta (Kaphal) bark oil using microencapsulation' submitted for the degree of Master of Science (Home Science) in Clothing and Textiles, to Panjab University, Chandigarh, is a bonafide research work carried out by Ms. Priyanka Purohit 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 "DESIGNING AND CONSTRUCTION OF WAISTCOATS FOR COLLEGE GOING GIRLS" submitted to Punjab University, Chandigarh in partial fulfillment of the requirement for the degree of Master of Science (Home Science) in Clothing and Textiles, is a faithful record of bonafide research work carried out by Ms. Sweety Nehra under my guidance and supervision and that no other 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 "A CASE STUDY: SOCIO-ECONOMIC EMPOWERMENT OF WOMEN ARTISANS THROUGH NGO, DISHA SHEKHAWATI (CHURU DISTRICT), RAJASTHAN "submitted to Panjab University, Chandigarh in partial fulfillment of the requirements for the degree of Master of Science (Home Science) in Clothing and Textiles, is a faithful record of bonafied research work carried out by Ms. ARSHYIA MONGA 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 the study have been fully acknowledged.

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This is to certify that the dissertation entitled "AN EXPLORATORY STUDY OF BLANKET AND UPHOLSTERY FABRIC MANUFACTURING UNITS OF PANIPAT" submitted for the degree of Master of Science (Home Science) in Clothing & Textiles, to Panjab University, Chandigarh, is a bonafide research work carried out by Ms. Shreya Chaudhary 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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#### CERTIFICATE

This is to certify that the dissertation entitled "Effect of Sales Promotion and Visual Merchandising On Buying Practices Of Adult Women" submitted to the Panjab University, Chandigarh in Partial fulfillment for the requirement of the degree of Master of Science (Home Science) in Clothing and Textiles. is a faithful record of bonafied research work carried out by Ms. Mrinalini Sharma 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 the study have been fully acknowledged.

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This is to certify that the dissertation entitled "MADHUKALA: WALL PANELS INSPIRED FROM MADHUBANI ART AND KALAMKARI" submitted for the degree of Master of Science (Home Science) in Clothing Textiles, to Panjab University, Chandigarh, is a bonafide research work carried out by Ms Priyanka Malik 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 "Designing of dupattas with hand painting taking inspiration from Turkish pottery motifs" submitted to the Panjab University, Chandigarh in Partial fulfillment of the requirement of the degree of Master of Science (Home Science) in Clothing and Textiles, is a faithful record of bonafide research work carried out by Ms. Devi 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 the study have been fully acknowledged.

S/29/51/8

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This is to certify that the dissertation entitled "A study on the clothing practices of elderly men" submitted to the Panjab University, Chandigarh in the partial fulfillment of the requirement of the degree of Master of Science (Home Science) in Clothing and Textiles, is a faithful record of bonafied research work carried out by Ms. Poorvi Mittal under my guidance and supervision and that no part of this dissertation has been submitted for any degree or diploma.

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This is to certify that the dissertation entitled "DESIGNING OF WALLPANELS USING CROCHETING TECHNIQUES" submitted to Panjab University, Chandigarh in partial fulfillment of the requirement for the degree of master of science (home science) in clothing and textiles, embodies the research work carried out by Ms. HEENA SHARMA under my guidance and supervision and that no part of this dissertation has been submitted for any other degree or diploma.

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This is to certify that the dissertation entitled "DOODLING: INTRODUCING PAPER ART INTO TEXTILES" submitted for the degree of Master of Science (Home Science) in Clothing Textiles, to Panjab University, Chandigarh, is a bonafide research work carried out by Ms RashiGarg 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 "An Exploratory Study on the Manufacturing Units of Packaging Textiles" submitted for the degree of Master of Science (Home Science) in Clothing and Textiles, to Panjab University, Chandigarh, is a bonafide research work carried out by Ms. Tania Sharma 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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