

[पूर्ववर्ती-आगरा विश्वविद्यालय] [Formerly - Agra University]

Doctor of Philosophy

This is to certify that Kuldoop Simgh.

has been admitted to the Degree of Doctor of Philosophy in Economics

in this University at the Convocation of 2005.

The Subject on which helshe presented a thesis for the Degree was Impact

of Improved Farm Tahmology on Employment

and Incom of Farmers - A Case Study of

Agra Dist (U.P.)

डॉ. भीमराव अम्बेदकर विश्वविद्यालय, आगरा Dr. B.R. AMBEDKAR UNIVERSITY, AGRA

३१ दिसम्बर, २००४

December 31, 20,0.5

पुमान दिले

कुलसचिव REGISTRAR 2 NOV 2010

Vice-Chancell

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Roll No. 3233

Registration No.___

Punjabi University Patiala



(Established under Punjab Act No. 35 of 1961)

Doctor of Philosophy

	1	Нарру Китаг						, son/danghter		ter	
Certifie of Shri		lirchh B			_and Smt s, Punjahi Unive		Sashi ersity, Patia		nia		
has this	дац		admitted		the	Sei	ate	in	the	degree	of
			Doctor :	of A	Ahilo	soph	ŭ				
				on							

Solution of Axial Dispersion Model for Washing Zone of a Botary Vacuum Washer by Hermite Collocation Method

in the faculty of

Physical Sciences

Given under the seal of the University.

Shiph

REGISTRAR PATIALA February 28, 2017 V? huz

CHANCELLOR

gresit

VICE-CHANCELLOR

Hall



डॉक्टर ऑफ फिलासॅफि



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प्रमाणित किया जाता है कि जगरीप खिंह

को इस विश्वविद्यालय के समाजा विश्वान संकाय के अंतर्गत

विषय में डॉक्टर ऑफ फिलासॅफि की उपाधि
से वर्ष २०१४ में विभूषित किया गया।

इनके शोध प्रबन्ध का विषय है व रीत स्नालकिस ऑफ फार्म ग्रीडकरीबिटी स्ट्ड रेट ऑफ रिटर्न इन स्मीकरूपर इन पंजास "

> Barkatullah University, Bhopal Doctor of Philosophy

This is to Certify that Jagacch Gingh

has been awarded to the degree of **DOCTOR OF PHILOSOPHY**in *Economics* in the faculty of *Gocial Geience* of this
University in the year 2014

The title of his/her thesis is

An Analysis of Jarm Productivity and rate of return
in Agriculture in Panjal"

कुलसचिव Registrar

भोपाल (म.प्र.) दिनांक : Bhopal (M.P.) Dated : 0 7 JAN 2015 कुलपति Vice-Chancellor

Panjab University



Doctor of Philosophy

(In the faculty of Arts)

10 10 to 2 thank	Jaspal Singh	, Regd. No.	2007-ez-46
Certified that	Jagjit Singh	4	, and of
Chandigarh (Union Territory)	, has obtained the di	egree of Doctor	of Philosophy
of this University on the re			
	- I - E 41- Marinaur		

Controller of Examinations

A. K. Bhandar. Registrar

Given under the seal of the University



Bice Chancellor

Chancellor

Chandigarh, March, 8, 2013

EDP S. No.: 600000875

ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ I.K. Guiral Punjab Technical University Ialandhar

Formerly Punjah Technical University Ialandhar



Doctor of Philosophy

The Board of Governors of I. K. Gujral Punjab Technical University, Jalandhar upon the recommendation of the Academic council hereby confers on Mr./Ms Jaspreet Singh Son/Daughter of Sh. Harbans Singh Degree of BUSINESS ADMINISTRATION (MANAGEMENT) IN Doctor of Philosophy in the faculty of DECEMBER-2020. The subject on which He/She presented the thesis for the Degree was " CORPORATE SOCIAL RESPONSIBILITY PRACTICES IN FAMILY BUSINESS: A CASE STUDY OF TATA GROUP IN INDIA. "

Given under the seal of the University

ਰਜਿਸਟਰਾਰ Registrar Jalandhar,04-03-2021

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V They ਚਾਂਸਲਰ Chancellor



S. No.

16335



16380178001

Registration:





Research Innovation Entrepreneurship



Doctorate of Philosophy

Mr./Ms. Narinder Singh son/daughter of Sh. Harbhajan Singh and Smt. Krishna

Devi having completed the course of studies approved by the University and having passed the prescribed examination held in June 2020 has been conferred the degree of Doctorate of Philosophy in Computer Science from this University.

The Title of his/her thesis is:

Energy Efficient Compression Technique in Wireless Sensor Network

Given under the seal of University

Controller of Examination
Mandi Gobindgarh(Pb)

Vice Chancellor

Chancellor

Date: 14 February 2021









Roll No.: 58

Regd i.c : 99.GK/A.9

The Senate of

GURU NANAK DEV UNIVERSIT

have conferred upon

RAJANDEEP KAUR

son/banghter of

BAKHSHISH SINGH

the degree of **Doctor of Philosophy**

to the tarming of

LANGUAGES (PUNJABI)

Amritsar: November 1, 2011

ਗੁਰੂ ਨਾਲਕ ਦੇਵ ਯੂਲੀਵਰਸਿਟੀ



Guru Nanak Dev University



tintry No. : 2010PBZ1c Regd. No. : 95.GK/A.9

्रमें धीलेंग डो. वेराम दिस धारणी, मधील्यन-धरितल, शर्मावत-2010 Pre Ph.D. Course in Punjob. tst. Semester. December-2010

Bell ware with physics.

Name

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RAJANDESEF KAKIR Father's Name | BAKSHISH SINGH NAMENDER KAUN

nffen de Mather's Name SCHOOL OF PUNIARI STUDIES, GURE NAMED DES UNIVERSITY, ASSETTION

Sc.No. Course Code - Course Title

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Credity Grade Grade Printe Regimered:

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Credits Earnest in the Semester. Semester Grade Tolic Average, (SGPA) Constalive Grade Point Average (CGPA)

PROFESSOR INCHARGE (FXAMS)

BUTSAN

Registration No. MSKG(DS)97-39

The situation of the si

(Established under Punjab Act No. 35 of 1961)

Dactor of Alhitosophy

Certifie	d that	Rajinder Kaur	*	, son/daug	l _l ter
0. 00.(Vir Singh	and Smt Punjab State		Kaur	
of thethis day	ŧ	bg the Senate Poctor of Philosophy in ਨਿਹੰਗ ਸਿੰਘ ਸੰਸਥਾ : ਆਰੰਭ, ਵਿਕਾਸ ਤੇ ਯੋਗਦਾਨ		e degree	of
REGISTRAR PATIALA	Given	in the faculty of Social Sciences under the seal of the Uni CHANCELLOR	iversity.	VICE-CHAI	, Sight,

Gura Nanak College BUDHLADA (Manee)

S. No.

16317



16380178002 Roll No:

Registration: 112-DBU(Ph.D)2016







Desh Bhagat University

Research Innovation Entrepreneurship

Doctorate of Philosophy

Mr./Ms. Rekha Rani son/daughter of Sh. Banwari Lal and Smt. Asha Rani having completed the course of studies approved by the University and having passed the prescribed examination held in May 2020 has been conferred the degree of Doctorate of Philosophy in Computer Science from this University in .

The Title of his/her thesis is:

An Enhancement of Secured Routing Protocol in Wireless Sensor Networks to Increase the Energy Efficiency

Given under the seal of University

Controller of Examination Mandi Gobindgarh(Pb)

Vice Chancellor

Chancellor

Date: 14 February 2021









ਰੇਲ ਨੰਬਰ 2644 ਰਜਿਸਟੇਸ਼ਨ ਨੇ. PC(S)2002-288

र्धम्यी जुठीहवमिटी पटिभएस



(1961 ਦੇ ਪੰਜਾਬ ਐਕਟ ਨੂੰ. 35 ਤਹਿਤ ਸਥਾਪਿਤ)

ਡਾਕਟਰ ਆਫ਼ ਫ਼ਿਲਾਸਫ਼ੀ

ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ	ਜਾਂਦਾ ਹੈ ਕਿ	ਰਿਸ਼ਪਾਲ ਸਿੰਘ		
ਪੁੱਤਰ/ਪੁੱਤਰੀ ਸ੍ਰੀ	ਗੁਰਦੇਵ ਸਿੰਘ	ਅਤੇ ਸੀਮਤੀ	ਜਸਬੀਰ ਕੌਰ	
ਵਾਸੀ	ਮਿਊਜ਼ਿਕ ਵਿਭਾਗ,	ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ,		-
	ਯੂਨੀਵਰਸਿ	ਟੀ ਦੀ ਸੈਨੇਟ ਦੁਆਰਾ		1

ਪੰਜਾਬੀ ਭਾਸ਼ਾਈ ਸੰਗੀਤ – ਪੁਸਤਕਾਂ : ਸਾਰਥਕਤਾ ਅਤੇ ਸੰਭਾਵਨਾਵਾਂ

ਦੇ ਵਿਸ਼ੇ ਤੇ

ਆਰਟਸ ਐਂਡ ਕਲਚਰ ਫ਼ੇਕਲਟੀ ਵਿਚ

ਡਾਕਟਰ ਆਫ਼ ਫ਼ਿਲਾਸਫ਼ੀ

ਦੀ ਡਿਗਰੀ

ਪਰਦਾਨ ਕੀਤੀ ਜਾਂਦੀ ਹੈ

ਯੂਨੀਵਰਸਿਟੀ ਦੀ ਸੀਲ ਅਧੀਨ ਪਰਦਾਨ ਕੀਤੀ ਗਈ।

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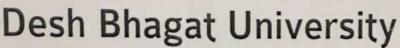


Roll No: 16380166003

19068-DBU(Ph.D)2016

Registration:





Research Innovation Entrepreneurship

- F. DO - OK. DO.

Doctorate of Philosophy

Rupinder Jeet Kaur son/daughter of Jasbir Singh Cheema and Rajinder Kaur having completed the course of studies approved by the University and having passed the prescribed examination held in July 2021 has been conferred the degree of Doctorate of Philosophy in English from this University.

The Title of his/her thesis is:

RE-ACCENTUATING THE FEMALE VOICES A STUDY OF

SELECTED WORKS OF TONI MORRISON

Given under the seal of University

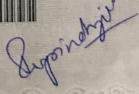
Krandal

Controller of Examinations Mandi Gobindgarh(Pb) Vice Chancellor

Chancellor

Date: 10 September 2021









Roll No. 2747

Registration No. GNC(B)80-58

Dunjabi Chninersity Patiala



(Established under Punjab Act No. 35 of 1961)

Dactor of Philosophy

Certifi	ed the	t†	€a	tgur £	dingh				_ , 50	n/daugh	ter
of Shri_	Ni	ranjan	Singh	and	Su	ıt.	Balw	ant 3	Kaur	NE. S	
of the		3	Dept. of Punj	abi, Pu	mjabi	Univer	sity	, Pat	iala		
has this			admitted Doctor	of A	hilo	sophy	ļ		the	degree	of
				ਪੇਸ਼ਕਾਰੀ							
			in the	e face	Itu .	o.f					

in the faculty of

Languages

Given under the seal of the University.

REGISTRAR

PATIALA December 10, 2014

CHANCELLOR

VICE-CHANCELLOR

Serial No.:

Enrol. No. : P.U .: - 97

108057



Doctor of Philosophy

This is to certi	fy that SHEETAL BAJAJ
has been admitted to	the degree of Doctor of Philosophy in
Year. 2008 in	ENGLISH in this University.
	The title of thesis:
« NEW WOMA	N INTHE NOVELS OF SHASHI
DESHPANDE	
	•

Basant Panchami 2065 Vikramiya

Veer Bahadur Singh Purvanchal University, Jaunpur (U.P.)

Vice-Chancellor

Author No

8539 8975 6581

WILLIAM UNIVERSITY, RAITE

Established by the Haryana State Legislature by Haryana Act No. 16 of 2011

Doctor of Philosophy (Ph.D)

This is to certify that Shenti Kumar
Son/Daughter of Shri
been awarded the degree of Doctor of Philosophy (Ph.D) in the faculty of
Commerce and Management (Commerce)
niversity after his/her successful viva-voce held on Dated08-Jeh2020
The title of his/her Thesis was Performance Evaluation of Sarva Haryana
Gramin Banks in Pre & Post Merger Period-An Analytical Study
Date of Notification Given under the said of the University 19/02/2020
4
Actt Registrar Registrar Stated Pro Wico Chancellar Co.

Roll No.____ 1752

Registration No. GCW (P) 97-810

ALLE TOTAL PARTY AND A STATE OF THE PARTY AND

(Established under Punjab Act No. 35 of 1961)

Pactor of Philosophy

Certified that	Sukhiil Mauy	, son/daughter
of Shri Gamdoor	Singh and Smt. Ama	पदंग्धे अध्वयम् ,
of the	Dungab Blate	, has
this day been adm	itted by the Senate in Boctor of Philosophy in arday Baldev Pingh in Ind	the degree of
G	in the faculty of Social Sciences iven under the seal of the University	- 0

Stubeling

REGISTRAR PATIALA DECEMBER 24, 2008.

CHANCELLOR

J-1-5-1-

VICE-CHANCELLOR

Sony

Muniabi al mir

(Established under Punjab Act No. 35 of 1961)

Doctor of Philosophy

Certifi	ed that Fukhwinder Saur , son/daug	hter
of Shri_	Thingara Pingh and Smt. Purinder Kaur	
	Dunjah Male	
this day	been admitted by the Senate in the degree Doctor of Philosophy in Agrarian Austem of Punish During Mughal Period (1856-1707)	of
	in the faculty of	
	Focial Friences	
	Given under the scal of the University.	

Genetra

REGISTRAR PATIALA DECEMBER 24 2007 CHANCELLOR

VICE-CHANCELLOR

Constant and Contracted

(de central university)

डॉक्टर ऑफ फिलॉसफी

प्रमाणित किया जाता है कि सुन्द्रिश्त उसिंह पूर्व श्रीमती अग्यन्द्रिश्त कौर प्रवेश प्रवेश श्रीमती अग्यन्द्रिश्त को इस विश्वविद्यालय की डॉक्टर ऑफ फिलॉसफी की उपाधि हिस्हि में वर्ष 2035 में प्रदान की गई।

Doctor of Philosophy

सागर (म.प्र.), भारत Sagar (M.P.), India

26 APR 2019

26/3/19 genula

Vice-Chancellor

Punjabi Tniversity



Doctor of Philosophy

Certified that	अर्थाया वा	Singh	, son/d auglit er
of Shri	Bamboa	r Fingh	and of
the	Punjah		, has
this day been admi	tted by the	Syndicate i	n the degree of
	Poctor of P	hilosophy	
	in	Mai or real	
" नागार्जुन और	गुरूद्याल सिंह	र के उपन्यासें व	nr•
तुलगटमळ अ			
पश्चिमेह्य में)			
	in the fac	ulty of	
	Mandaga	yes	
Give	en under the seal	of the University	

4mehia 15.4.08

CHANCELLOR

VICE-CHANCELLOR

REGISTRAR

Patiala November 2 , 200 7

Registration No. KC(N)1995-68

2188

Punjabi Aniversity Patiala



(Established under Punjab Act No. 35 of 1961)

Doctor of Philosophy

Certifie	ed that Inderjit Singh	, son/daughfer
of Shri _	Gurjant Singh and Smt. Jaswan	nt Kaur,
of the	Punjab State	,
	day been admitted by the Senate	in the degree of
	Poctor of Philosophy	
	in	
	Bahujan Samaj Party in Punjab : Organiz	ation,
	Support Base and Performance	
	in the faculty of	
	Social Sciences	- It Attested
	Given under the seal of the University.	- Selb Arrented

3.0.6

February 2, 2012

VICE-CHANCELLOR

Haryana Agricultural University



PROVISIONAL DEGREE CERTIFICATE

Chio io to certif	y that	Randhir Singh	3		
oon/daughter of Shr	i	Kishna Ram			_, has
successfully completed	the requireme	ento of course u	oork and thes	ois for the	Degree
	octor of Phil				of
thio University in the	month of	May	_, 1986.		
His/Web overal	l grade point	average is	3.34	_(4.00 basis) which
io equivalent to	76.80	per cent ma	rko.		
Hissar			9	Stanes	
Dated6-5-86	(el strest.	ed Asst	tt. Registrar	Acad.)
		Randhi Randhi (R. S	i Sing	V	
		10	c Ohukio	-)	
	1	la distribution	-1/		
	U~	a com	-		

Punjab Agricultural University

Ludhiana (India)

Certified that Amrit Baur ₱0. L-2002-BS-59-D Admission daughter of Mr. Sewak Singh and Ms. Surinder Baur having successfully completed the programme, has obtained the degree of Doctor of Philosophy in the discipline of Zoology with Overall Credit Point Average 7.48 out of 10.00 (Seven point four eight out of Ten) in September 2006. Given under the seal of the University



Registrar

Dice-Chancellor

Chancellor

March 8, 2007

PUP(PH_D)2009-275 Registration No.

Punjabi University Patiala



(Established under Punjab Act No. 35 of 1961)

Doctor of Philosophy

	Thruva Kumar , son/daughter
Certified that Satya E	anjan and Smt. Sarvani
of the	Attar Pradesh admitted by the Senate in the degree of
pas this gan peer	Dactor of Philosophy
	in and topical Importance

Synthesis of Neterocycles of Biological Importance and Some Functional Croup Transformations

in the faculty of

Physical Sciences

Given under the seal of the University.

March 15, 2014



Phagwara (144411), Punjab, India

PROVISIONAL CERTIFICATE

This is to certify that Ms. Gurjasjeet Kaur daughter of Mr. Jasveer Singh bearing Registration No. 41400154 has completed all the requirements for the award of the degree of Doctor of Philosophy (English) in the year 2020. She will be awarded the degree at the next convocation of the University.

Certificate No. 65883 Dated: 19 Jul 2021 Place: Phagwara (Punjab) Monies Gulati

Dr. Monica Gulati

Registrar

FR550143232





SINGHANIA UNIVERSITY

Doctor of Philosophy (Ph.D.)

The Board of Management of the Singhania University confers on Mr./Ms. Harjinder Kaur Son/Daughter of Sh. Bhagwant Singh the degree of Doctor of Philosophy (Ph.D.) in History on his/her having successfully completed the prescribed requirements for the said degree on 15th December 2013. The degree has been awarded in compliance of UGC (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degree) Regulation, 2009.

His/Her title of the thesis was: "ROLE AND CONTRIBUTION OF WOMEN IN THE FREEDOM STRUGGLE: 1885-1947".

Given under the seal of the University

Donietrar

APrincipal Guru Nanak College Budhlada (Mansa)(4)

Vice-Chancellor

Dated 20th October, 2014.

self Alfrich

Roll No	4635		
Registration No.	85-NM(M)94		

Punjabi Chninersity Patiala



(Established under Punjab Act No. 35 of 1961)

Doctor of Philosophy

Certified that		Inderjeet Singh			, son/daughter						
of Shri_		Shaminder		er Dingh and		nd Smt.		Gurcharan Kaur			
ot_		Dept.	of Libra	ry and Infor	natio	e deier	ice, Punjabi	Univ	ersity	, Patiala	
has	this	guy	been	admitted	by	the	Senate	in	the	degree	of
				Poctor 1			sophy				
				Ase Of Libr Central Uni		Resour					
				in th	e fac	ulty	of				
				Education	4 31	aform.	ation Scien	nce			

Given under the seal of the University.

REGISTRAR

PATIALA June 29, 2021

CHANCELLOR

VICE-CHANCELLOR

ਰੇਲ ਨੇਬਰ 1876 ਰਜਿਸਟੇਸ਼ਨ ਨੈ. GRC(S)96-154

ੀਤ ਕੌਰ

जितीह्वीमटी परिभाका

(1961 ਦੇ ਪੰਜਾਬ ਐਕਟ ਨੂੰ: 35 ਤਹਿਤ ਸਥਾਪਤ)

ਡਾਕਟਰ ਆਫ਼ ਫ਼ਿਲਾਸਫ਼ੀ

ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਜ	ਸ਼ਾਂਦਾ ਹੈ ਕਿ	ਜਤਿੰਦਰ ਕੌਰ				
ਪੁੱਤਰ ਪੁੱਤਰੀ ਸ਼੍ਰੀ	0.0	ਅਤੇ ਸ੍ਰੀਮਤੀ	ਮਨਜ			
ਵਾਸੀ		ਪੰਜਾਬ ਸਟੇਟ				
	ਯੂਨੀਵਰਸ਼ਿ ਲੋਕ-ਕਥਾਵਾਂ	ਸਟੀ ਦੀ ਸੈਨੇਟ ਦੁਆਰਾ ਤੇ ਅਧਾਰਿਤ ਨਾਟਕਾ ਦਾ ਚਿੰਨ੍ਹ				
	िर्दित	ਗੁਆਨਕ ਅਧਿਐਨ				
		ਦੇ ਵਿਸ਼ੇ ਤੇ ਲੈਂਗੂਏਜਿਜ਼				
		ਫੈਕਲਟੀ ਵਿਚ				
	ਡਾਕਟਰ	ਰ ਆਫ਼ ਫ਼ਿਲਾਸਫ਼ੀ				
	ਦੀ ਡਿਗਰੀ					
	ਪ੍ਰਦਾਨ ਕੀਤੀ ਜਾਂਦੀ ਹੈ					
- ^ 0 -	ਯੂਨ ਵਰਸਿਟੀ ਦੀ	ਸੀਲ ਮੁਸਲੇ ਪ੍ਰਦਾਨ ਕੀਤੀ ਗਈ।				
afaggala -		ਚਾਂਸਲਰ				

ਅਪਰੇਲ 26 | 💢 2010

ਪਟਿਆਲਾ_

ਵਾਈਸ-ਚਾਂਸਲਰ

PUP Nº 0060864

PUNJABI UNIVERSITY, PATIALA ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ



Roll No. 2872

Regd, No. GRC(B) 2003-995

Certificate of Compliance

This is to certify that KANWALDEEP SINGH Son / Daughter of Shri. BABU SINGH and Smt. GURMAIL KAUR has been awarded the degree of Doctor of Philosophy in the Faculty of PHYSICAL SCIENCES in subject of PHYSICS in accordance with the UGC (Minimum Standards and Procedure for Award of Ph.D Degree) Regulations-2009, published in the Gazette of India, dated July 11, 2009. It is further Certified that he/she has passed his/her

1. Pre-Ph.D Course work of 16.00 Credits

Controller of Examination

Place: Patiala

Dated: 23/06/2015

Assistant/Deputy Registrar Examination

Checked by : J. Sin

Assistant :

The same of

Jaipur National University, Jaipur





We, the Chairperson, the President the Members of the Heademic Council do hereby certify that Mr. Mohinder Kumar

Has been conferred The Degree of

Doctor of Philosophy

English

at the Convocation held on February 17, 2018

The Title of his thesis is :

"Jhumpa Lahiri's Fiction: From Limboric Identities to Subjectivising Acts"

Panjah University

Doctor of Philosophy

(In the Faculty of Science)

Certified that Navdeep Shekhar alias Badlu Ram, Regd. No. 72-dm-51, son of Shri Hari Chand, and of the Faridkot District (Punjah State), has obtained the degree of Doctor of Philosophy in this University on the result of the examination held in 1985.

Given under the seal of the University

Registrar

Chandigarh, March 31, 1985.



Mice-Chancellor

Nondah lane

Chancellor



Serial No.: D-00019373





SINGHANIA UNIVERSITY

Doctor of Philosophy

The Board of Management of the Singhania University confers on Mr./Ms. Nisha Mann Son/Daughter of Sh. Mahender Mann the degree of Doctor of Philosophy in Political Science on his/her having successfully completed the prescribed requirements for the said degree on 31st May 2015. The degree has been awarded in compliance of UGC (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degree) Regulation, 2009.

His/Her title of the thesis was: "Transforming role of women: from domestic work to grass-root level democracy".

Given under the seal of the University

Registrar

Rista attested

Vice-Chancellor

Pacheri Bari, Distt. Jhunjhunu, Rajasthan, India. Dated 28th June, 2016.

Admission 20. 78 BS 19 D

The Haryana Agricultural University



Given under the seal of the University

hereby confers upon Em Parkash Chhikara son of Shri Rattan Lingh
the degree of Poctor of Philosophy in testimony of his having successfully completed the prescribed programme in April, 1982.

(Vinay Kumar)
Registrar

D. R. Blumbla (D. R. Bhumbla) Vice-Chancellor

(G. D. Tapase) Chancellor

Chancellor

HISSAR April 17, 1982

Punjab Agricultural University

Ludhiana (India)

Certified that Parminder Singh
Admission No. L-2002-A-22-D
son of Mr. Pritam Singh and Ms. Dhan Kaur
having successfully completed the programme,
has obtained the degree of Doctor of Philosophy
in the discipline of Vegetable Crops
with Overall Credit Point Average 7.42 out of 10.00
(Seven point four two out of Ten) in February 2006.

Given under the seal of the University



Dated : September 22, 2006

Who Registrar

UAulane
Vice-Chancellor

Chancellor

Parmiele



दयानन्द विश्वविद्यालय, रोहतक

(हरियाणा राज्य अधिनियम संख्या २५/१६७५ के अन्तर्गत स्थापित) ("ए" श्रेणी, रा.मू.प्र.प.-प्रत्यायित)

डॉक्टर ऑफ फिलॉसफी जीव विज्ञान संकाय

प्रमाणित किया जाता है कि पुनीत बेनीवाल सुपुत्र / सुपुत्री श्री विजय सिंह बेनीवाल

को जैव प्रौद्योगिकी विषय में डॉक्टर ऑफ फिलॉसफी की उपाधि प्रदान की जाती है। शोध प्रबन्ध का विषय "टिश्यू कल्चर एंड फाईटो कोंस्टीटूएंट एक्सट्रैक्शन स्टडीज ऑन स्टेविआ रेबउडिआना (बेर्तोनि)"

अधिसूचना की तिथि : दिसम्बर २८, २०१७

Maharshi Dayanand University, Rohtak

(Established under Haryana Act No. 25 of 1975) ("A" Grade, NAAC Accredited)

Doctor of Philosophy

Faculty of Life Sciences

This is to certify that Puneet Beniwal son/daughter of Sh. Vijary Singh Beniwal

is hereby awarded the degree of Doctor of Philosophy in the subject of Biotechnology.

Title of Thesis "Tissue culture and phyto constituent extraction Studies on Stevia rebaudiana (Bertoni)."

Date of notification: 18.12.2017

Whinelher

परीक्षा नियंत्रक ontroller of Examinations

कुलसचिव Registrar

विश्वविद्यालय के मुद्रांकन द्वारा प्रमाणित Given under the seal of the University



Vice Chancellar

क्लाधिपति



Thapar University, Tatiala

(Declared as Deemed-to-be-University u/s 3 of the UGC Act, 1956)

Doctor of Philosophy

Tertified that		son of	
Shri	Āshwani Kumar	& \$mt	Krishna
has obtained the	ree in November 2014 .	his having successfully e of his thesis is :	completed the prescribed requirements
	Morphology and Electro-		
Given this day Registrar	under the seal of the University at Platiala,	Actual Company of the Party of	

Serial No. PH-00121

Sant Longowal Institute of Engineering and Technology

(Deemed to be University under Section 3 of UGC Act, 1956) Longowal, Distt. Sangrur, Punjab (India) - 148106

Sipon recommendation of the Benate bereby confers the begree of

Boctor of Philosophy

SANGEETA

Daughter of Sh. ISHWAR SINGH

THESIS TITLE: OSMO-CONVECTIVE DEHYDRATION KINETICS AND STORAGE STUDY OF ELEPHANT FOOT YAM (AMORPHOPHALLUS SPP.)

Genera thus hav, the 10th March, 2015, under the seal of the Bustitute at Longousi in the Republic of Fodia,

संत लौगोवाल अभियाँत्रिकी एवं प्रौद्योगिकी संस्थान

जीवाद को जनकार पर

विद्या वाचस्पति

की अवर्थित एनट द्वार

संगीता

लुलों औं ईश्वर सिंह

की प्रदान करना है।

शोध प्रकर्म शीर्षक : आस्मी-कन्वेनिटव डिहाइड्रेशन काइमेटिक्स एंड स्टीरेज स्टडी ऑफ एसीकेंट फुट याम

द्वस माथे हो हका ब्रह्मात को भागीय सकतमा है जारेन स्टेमोक्टन में रिधन संस्थान की मुद्रा जीवन यह उपसंध प्रदान की नामें ।

Director & Chairman, Benate

Chrisman, Baarb of Management



क्रमांक / Serial No. 12062397 नामांकन सं. / Enrolment No. M 0014649

अनुक्रमांक / Roll No.







प्रमाणित किया जाता है कि अवण कुमार

आत्मज / आत्मजा श्री बलजोर सिंह एवं श्रीमती सुखबीरी देवी

को इस विश्वविद्यालय के सन् २०११ के दीक्षान्त समारोह में कृषि वनस्पति विज्ञान विषय पर विद्या वाचस्पति की उपाधि प्रदत्त की गयी है।

DOCTOR OF PHILOSOPHY

This is to certify that SARVAN KUMAR

Son / Daughter of Shri BALZOR SINGH and Smt. SUKHBIRI DEVI

has been conferred the Degree of DOCTOR OF PHILOSOPHY

of this University in ____AGRICULTURE BOTANY at the Convocation

of 2011,

शीर्षक /Title: __ "GENETIC ANALYSIS OF YIELD AND YIELD

COMPONENTS UNDER HIGH INPUT CONDITIONS IN

BREAD WHEAT (TRITICUM AESTIVUM L.) "

CHAUDHARY CHARAN SINGH UNIVERSITY, MEERUT

12th FEBRUARY 2011

Registration No. _ 901211006

Thapar University, Patiala

(Declared as Deemed-to-be-University u/s 3 of the UGC Act, 1956)

Doctor of Philosophy

Certified that		Tanupreet Kaur		daughter of
Shri	Bachittar Singh	& Smt	Charanjit Kaur	
has obtained the Deg	gree of Doctor of Philosophy or	ı her habing successfull	y completed the prescribed r	equirements
for the said degree in	October 2016			
	The titl	e of her thesis is:		
Study or	some Elastodynamic P.	roblems in Materia	ls with Microstructu	re
	and with	Reinforced Fibres		
Siben this day under t Registrar	he seal of the University at Pati.	ala, the Ninth day of No	oember, Two Thousand an	Sixteen. Director

BE. MA. 010484



SARDULGARH ROAD, TALWANDI SABO (BATHINDA)-151302

(Established under Punjab Act No. 37, 2011 & Approved under Section 22 of the USC Act)

Provisional Degree Certificate

Ref. No. GKU/COF/2021/075

This is to certify that Ms. Goldy Rani daughter of Sh. Chand Kishore & Smt. Vijay Laxmi Regd. Number A176831006 of 2017 batch has successfully completed all requirements of course work and for the degree of Doctor of Philosophy in English and securing Cumulative Grade Point Average 7.83 at the Scale of 10 in course work. His/Her thesis entitled "Analysing the Shared Themes in the Selected Novels of Jhumpa Lahiri, Monica Ali and Kiran Desai" has been accepted in the month of February 2021.

Date: 25/02/2021

Prepared By

Checked By

Controller of Examinations Controller of Exam Guru Kashi University *Talwandi Sabo (BTL)

Regionism No.

NU/K/13/6501/0131

Authur No.

6106-6662-5479

WILLIAM UNIVERSITY, RAINEL

Established by the Haryana State Legislature by Haryana Act No. 16 of 2011

Doctor of Philosophy (Ph.D)

This is to certify that
Son/Daughter of Shri
been awarded the degree of Doctor of Philosophy (Ph.D) in the faculty of
Management & Commerce of this
university after his/her successful viva-voce held on Dated. 17-May-2017
The title of his/her Thesis was The Role of Management Education on Women
Empowerment-An Evaluation And Comparative Study.
Date of Notification 18/05/2017 Given under the seed of the University

De Vice Chancellor / Vice chancellor

u 2 SFP 2017

@ated

Autt. Registrar/Registrar

Admission Ao. 468BS11D

The Haryana Agricultural Aniversity



Given under the seal of the University

Hissar 24th March, 1974 hereby confers upon Bajrang Dass Chaudhary, son of Shri Kundan Lal Chaudhary, the degree of Doctor of Philosophy in testimony of his having successfully completed the prescribed programme in November, 1973.

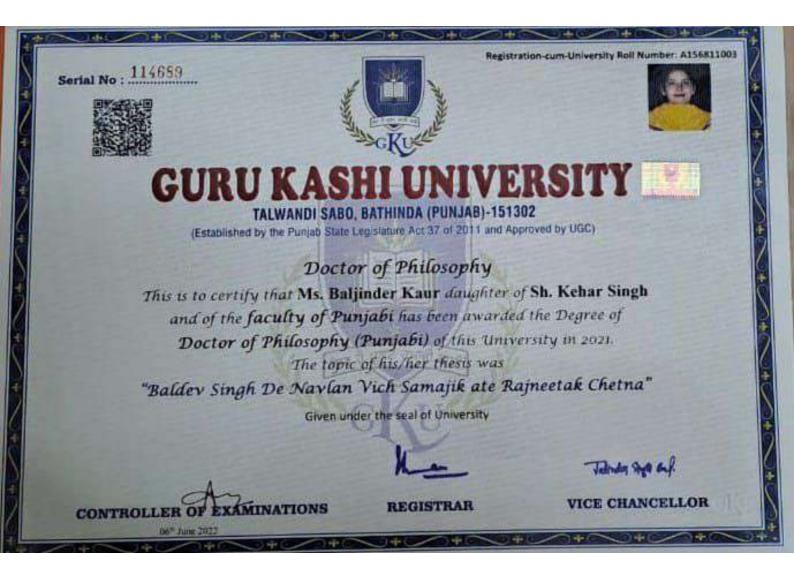
HAdlakha Reyistrar

Vice-Chancellor

Chancellor

Prolienson

Blhandhary



थीमी बुरीहरीनी

अस्तरत सवली व्यक्तकेतार



ਭਾਕਟਰ ਆਫ਼ ਫ਼ਿਲਾਸਫ਼ੀ

ਪ੍ਰਮਾਣਤ ਕ	ਤਿ ਜਾਂਦਾ ਹੈ ਕ <u>ਿ ਦਰਸ਼ਨ ਕੁਮਾਰ ਜਿੰਦਲ</u>	1
ਪੁੱਤਰ/ ਪੁੱਤਰੀ ਸ੍ਰੀ_	ਬਨਰਸੀ ਦਾਸ	
ਵਾਸੀ	ਪੀਜਾਬ ਸਟੇਟ	,
	ਯੂਨੀਵਰਸਿਟੀ ਦੀ ਸਿੰਡੀਕੇਟ ਦੁਆਰਾ	
" ਟੈਕਸੋਨੋ	ੀ ਐਂਡ ਜ਼ੂਜਿਓਗ੍ਰਾਫ਼ੀ ਆਫ਼ ਇੰਡਿਅਨ ਕੋਸੀਨੇ	গ্রীক:
	(ਕੋਲਿਓਪਤੇਰਾ : ਕੋਸੀਨੇਲੀਡਾ)	
	ਦੇ ਵਿਸ਼ੇ ਤੇ	
	<i>জা</i> পুর <u>সার্</u> থিসির	
	ਫੈਕਲਟੀ ਵਿਚ	
	ਭਾਕਟਰ ਆਫ਼ ਫ਼ਿਲਾਸਫ਼ੀ	
	ਦੀ ਡਿਗਰੀ	
	ਪ੍ਰਦਾਨ ਕੀਤੀ ਜਾਂਦੀ ਹੈ	
	ਇਹ ਯੂਨੀਵਰਸਿਟੀ ਦੀ ਮੋਹਰ ਅਧੀਨ ਦਿੱਤੀ ਗਈ	
Apaldy.	Lied War A HER LAND	age of
of HHE did	ਚਾਸਲਰ	ਵਾਈਸ–ਚਾਂਸਲਰ

and

Registration No. SLIET/Ph.D/07/07

Serial No. 553711

Sant Longowal Institute of Engineering and Technology (Deemed University, Under MHRD, Govt. of India)

Longowal, Distt. Sangrur (Punjab) -148106

Upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

GARIMA MAHAJAN

Baughter of Sh. KEDAR NATH MAHAJAN

THESIS TITLE: STUDIES ON LEGUMINOCELLULOSIC WASTE BIOMASS AS POTENTIAL BIOSORBENT FOR HEAVY METAL ION REMEDIATION FROM AQUEOUS STREAMS

Siven this day, the 13th Jebruary, 2016, under the seal of the Institute at Longowal in the Republic of India.

संत लौंगोवाल अभियाँत्रिकी एवं प्रौद्योगिकी संस्थान

अभिषद को अनुशंसा पर

विद्या वाचस्पति

को उपाधि एतद द्वारा

गरिमा महाजन

सुपुत्री श्री केंद्रार नाथ महाजन

को प्रदान करता है।

शोध प्रबन्ध शीर्षक : स्टडीज़ ऑन लेगुमिनोसेलुलाँसिक वेस्ट बायोमास एज़ पोटेंशियल बायोसॉरबेंट फार हैवी मेटल आयन रेमीडीऐशन फ्रॉम ऐक्वीअस स्ट्रीम्स

तेरह फरवरी सन् दो हजार सोलह को भारतीय गणराज्य के अधीन लौगोवाल मे स्थित संस्थान की मुदा अंकित यह उपाधि प्रदान की गयी ।

Bould an Afua Registrar

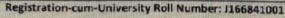
निदेशक एवं अध्यक्ष, अभिशासक परिषद Director & Chairman, Senate

अध्यक्ष, प्रवेधन मंडल Chairman, Board of Management











GURU KAS

(Established by the Punjab State Legislature Act 37 of 2011 and Approved by UGC)

Doctor of Philosophy

This is to certify that Ms. Gurjeet Kaur daughter of Sh. Baljeet Singh and of the faculty of Hindi has been awarded the Degree of Doctor of Philosophy (Hindi) of this University in 2022.

The topic of his/her thesis was

"Usha Priyamvada Xe Katha-Sahitya Mein Astitvavadi Darshan"

Given under the seal of University

CONTROLLER OF EXAMINA



Roll No.: 71001600176

Regd No.: 2006.APH/A.3

The Senate of

GURUNANAK DEV UNIVERSITY

have conferred upon

	HARDEEP SINGH	
son/daughter of	MALL SINGH	

the degree of **Doctor of Philosophy**

in the faculty of SCIENCES (PHYSICS)

m3 seller Professor Incharge (Examinations)

Registrar

Vice Chancellor

Chancellor

Amritsar: February 28, 2017

Punjab Agricultural University



Provisional Begree Certificate

This is to certify that JASPAL SINGH
son/daughter of Shri HARCHARAN SINGH , has
successfully completed the requirements of course work and thesis for the
Degree of DOCTOR OF PHILOSOPHY IN SOILS of this University
in the month of JANUARY, 1985.
His Her overall grade point average is 3.63 out of 4.00

Ludhiana 7. FEB 1985 Dated Registrar

Kell No . 2680

Panjab University



Doctor of Philosophy

(In the faculty of Engineering & Technology)

Certi	fied that	Jatinder Singh .	Regd.	No.	99-cc-78
son of		Babu Singh			, and of
the	Punjab State	, has obtained the degre	e of B	octor of	Philosophy
	Aniversity on the	result of the examination hel	d in _	2013	
		Siven under the seni of the University			
	Rage			Wice !	Shuncellor
Controller	of Examinations			0	was.
Megistrar	٠			Œ	ancellor

Chandigarh. Becember, 11. 2013

Scanned with CamScanner

Haryana Agricultural University



PROVISIONAL DEGREE CERTIFICATE

Chio to to ce	ertify that	Naipal Singh Ve	erma	2000 阿 斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯
son/daughtér of S	Shri	Kadam Singh	The state of the second	hae
successfully complete	ed the requirement	nto of course w	ork and thesi	o for the Degree
oł	Doctor of Ph		THE PARTY	0
this University in t	the month of	May	., 1986 .	
	rall grade point o			_(4.00 basis) which
io equivalent to	- 67 .00	per cent mai	·ko.	
		· Section	and the same	21
Hissar Dated 15.5.86		10	42	2 land
Dated15.5.86	- shorted	2012/201	Asstt	. Registrar (Acad.)
	Deter 1	hor sh		
	N	U		

ਰਜਿਸਟੇਸ਼ਨ ਨੰ

Registration No.

ਸੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਵਰਲਡ ਯੂਨੀਵਰਸਿਟੀ

(ਪੰਜਾਬ ਸਟੇਟ ਐਕਟ ਨੇ: 20/2008 ਤਹਿਤ ਸਥਾਪਤ ਅਤੇ ਯੂ ਜੀ ਸੀ, ਐਕਟ 1956 ਦੀ ਧਾਰਾ 2(f) ਅਧੀਨ ਮਾਨਤਾ ਪ੍ਰਾਪਤ)



ਡਾਕਟਰ ਆਫ਼ ਫ਼ਿਲਾਸਫ਼ੀ

	ų	ਮਾਣਿਤ	ਕੀਤਾ ਜਾਂਦਾ ਹੈ) fa 7	ਤੀਨਾ ਬ	ਰਾੜ		ਪੁੱਤਰ/ਪੁੱਤਰੀ
मी_	ਪਰ	ਦਮਨ	ਸਿੰਘ	ਅਤੇ ਸ੍ਰੀਮਤੀ_ <mark>ਬਲਜਿੰ</mark>	ਦਰ ਕੋ	ਰ_, ਨੂੰ	ਕਾਮਰਸ	ਵਿਸ਼ੇ ਵਿਚ
ਕਾਮਰ	ਰਸ	ਐਂਡ	ਮੈਨੇਜਮੈ'ਟ	ਵੈਕਲਟੀ ਵਿਚ ਡਾਕਟਰ	ਆਫ਼	ਫ਼ਿਲਾਸਫ਼ੀ	ਦੀ ਡਿਗਰੀ_ਜੁ	ਲਾਈ 13, 2018
(डीभड	ਭ ਮਿ	න්) දු්	ਪ੍ਰਦਾਨ ਕੀਤ	ਹੀ ਗਈ।				

Bri Guru Granth Sahib World University, Fatehgarh Sahib

(Established Under Puntab Grate Art 20/2008 and Approved Under Bection 2(f) of USC Act. 1956)

Doctor of Philosophy

Certified that	Neen	Brar		son/d	aughter of
Shri_Pardhaman	Singh and Smt.	Baljinder Kaur	, has been at	varded ti	je degree
of Doctor of Phi	ilosophy onJ	uly 13, 2018	(deemed date)	in the e	subject of
Commerce	_ in the Faculty of	Commerce & Man	nagement .		

ਯੂਨੀਵਰਸਿਟੀ ਸੀਲ ਅਧੀਨ ਪ੍ਰਦਾਨ ਕੀਤੀ ਗਈ Given under the seal of the University

Put Pel Sight offinered REGISTRAR

THE STATE OF THE S

ਵਾਈਸ-ਚਾਂਸਲਰ VICE-CHANCELLOR

ਫ਼ਤਹਿਗੜ੍ਹ ਸਾਹਿਬ FATEHGARH SAHIB INDIA

July 16, 2018





GURU KASHI UNIVERSITY

SARDULGARH ROAD, TALWANDI SABO (BATHINDA)-151302 (Established under Punjab Act No. 37, 2011 & Approved under Section 22 of the UGC Act)

Provisional Degree Certificate

Ref. No. GKU/COE/2021/163

This is to certify that Ms. Paramjeet Kaur daughter of Sh. Ghona Singh & Smt. Amarjeet Kaur Regd. Number A166821003 of 2016 batch has successfully completed all requirements of course work and for the degree of Doctor of Philosophy in History and securing Cumulative Grade Point Average 7.60 at the Scale of 10 in course work. His/Her thesis entitled "Contribution of Bhai Kahan Singh Nabha in Sikh History" has been accepted in the month of June 2021.

Date: 07/06/2021

Prepared By

Checked By

Controller of Examinations Controller of Exam

Guru Kashi University ATalwandi Sabo (BTI.)

1988 Roll No.

Registration No. PU(P)64-91



(Established under Punjab Act No. 35 of 1961)

Boctor of Philosophy

Ce.	rtifi	ed that		Sa	ndeep S	Kaur	_	1	sour/daug	hter
of Sh	ri	Вни	ra Singh		_ and	Smt	Jasb	ir Kau	r	•
of the				Pı	ınjah Si	tate				, has
this	day - -		admitted Do Determinant Study of Pub	ctor s of T ilic ar	of p in Profitab	hilosophը ility : A Con ate Sector C	ipara	tive	degree	of
				So	cial Sci	ulty of ences of the Unive	rsity.	0		. 1

PATIALA December 20 200x 2010

VICE-CHANCELLOR

Chaudhary Charan Singh Haryana Agricultural University



Given under the seal of the University

hereby confers upon Vijay Lingh Behniwal son/daughter of Shri Liter Roam Behniwal the degree of Doctor of Philosophy in testimony of his/her having successfully completed the prescribed programme in October , 1996.

Of R

Registrar

Dice-Chancellor

mahaduir Frased

Chancellor

HISAR April 21, 1997

Punjab Agricultural University Ludhiana (India)



Provisional Degree Certificate

This is to certify that	Deepika Bisht	-
Son/Daughter of Mr.	Gopal Singh	and
Ms.	Shashi Kala	, has
successfully completed the require	ements of course work and thesis for	r the
degree of Doctor of Philosophy in	Family Resource Management	
of this University in the month of	July, 2016	
His/Her Overall Credit Point		
OCPA in words Eight]	point four three out of ten.	
	Xna	
Dated 1 1 1111 2016	Registrar	



Division of Examination

Recognized by UGC under Section 2(f) of the University Grants Commission Act, 1956 by the Notification No. F.9-10/ (CPP-1)

> Member of Association of Indian Universities (AIU), New Delhi

Sr. No. 72 Code No. CRT163

LPU/DE/DOR/EC/201020/0001/1D02P/13/0002

Date: 20-Oct-20

TO WHOM SO EVER IT MAY CONCERN

Name of the Student Ms.

Raj Kamal Kaur

Daughter of Mr.

Baljinder Singh

Registration No.

11312483

Name of the Programme

Doctor of Philosophy (Computer Science and Engineering)

Batch

2014

Lovely Faculty of Technology & Sciences

This is to certify that Ms. Raj Kamal Kaur, Regd. No. 11312483 who pursued her Doctor of Philosophy in Computer Science and Engineering under the supervision of Dr. Aditya Khamparia and under co-supervision of Dr. Lalit Kumar Singh and Dr. Babita Pandey at the Lovely Professional University has fulfilled the respective requirements as per University Grants Commission (Minimum Standards And Procedure For Award of Ph.D Degree) Regulations as in force.

> sistant Regist Records) ds

Lovely

sity

Disclaimer: This certificate is issued on the basis of information available in the office of records on the date of its issue and the University reserves the right to update/change any information contained herein without notice further the University expressly disclaims all obligations to confirm the accuracy of any of the particulars in this certificate based upon information submitted by the candidate.