GURU NANAK DEV UNIVERSITY AMRITSAR

(Established by State Legislature Act No. 21 of 1969)

(Accredited at "A" grade level by NAAC and awarded "University with Potential for Excellence" status by UGC)





Ph.D. GAZETTE NOTIFICATION No. Ph.D /2/2017-2018

The following candidate(s) have been awarded the Degree of Doctor of Philosophy (Ph.D.) by the Syndicate of Guru Nanak Dev University at its meeting held on 15/09/2017 vide Para No. 47 and 97

Sr. No.	Roll No.	Regd. No.	Name of the Researcher/	Subject	Title of the Thesis	Supervisor/Co-Supervisor 	Date of Award of Ph.D. Degree(i.e.date of approval of the Vice-Chancellor)
No.			Father's Name 				
FACU	ULTY OF A	ARTS & SOCIAL S	CIENCES	Karaja Araja SE)			
Эера.	rtment of	Library & Inform	ation Science				
1	71001700004	2013.PHD(LIB)-01	JATINDER KUMAR/ TARSEM CHAND 	LIBRARY & INFORMATION SCIENCE 	"Bibliometric and Webometric Study of Open Access Journals in Mathematics (2006-2010)"	Dr. Asha Narang, Assistant Professor (Retd.), Department of Library & Information Science, Guru Nanak Dev University, Amritsar	14/09/2017
Эера.	rtment of	Psychology					
13	71001700005	2006.SSS/A.23	MEHAK ARORA/ MANOJ KUMAR ARORA 	PSYCHOLOGY 	"Relationship of Hardiness, Self Efficacy, Perceived Stress and Coping Strategies with Depression in Adolescents"	Dr. Rupan Dhillon, Assistant Professor, Department of Psychology, Guru Nanak Dev University, Amritsar	16/06/2017
FACU	LTY OF E	ECONOMICS & BU	<u>USINESS</u>	Bilanda (Barana)			
Эераг	rtment of	Commerce				ANA A	
	71001700006	120/6 SSW(A 172	I ANU THAKURY	I COMMERCE	"Diversification	D: Aparna Bhatia	16/06/2017

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Sr. No.	Roll No.	Regd. No. 	Name of the Researcher/ Father's Name	Subject	Title of the Thesis	Supervisor/Co-Supervisor 	Date of Award of Ph.D. Degree(i.e.dat of approval of the Vice-Chancellor)
11: 11:		CONOMICS & BU	SINESS				
Dep	artment of (Commerce					
4	71001700007 	2005.SDJ/A395 	SONIA KUNDRA/ RAKESH KUNDRA 	COMMERCE 	"Corporate Environmental Initiatives: An Empirical Analysis of Shareholders' Perceptions and Financial Performance"	Dr. (Mrs.) Sangeeta Arora, Associate Professor, Department of Commerce, Guru Nanak Dev University, Amritsar	08/09/2017
Uni	iversity Busi	ness School					
5	71001700008 	2001.DWB/A.404 	MANISHA VIJ/ RADHA KRISHAN VIJ 	COMMERCE	"Examining the Impact of Television and Internent on Youth"	Dr. Pavleen Kaur, Assistant Professor, University Business School, Guru Nanak Dev University, Amritsar	17/08/2017 - -
6	71001700009 	2005.DW/A.695	SONIA BABBAR/ RAM GOPAL BABBAR 	COMMERCE 	"Value Creation during New Product Innovations: A Study of Indian Companies"	Dr. Bikram Jit Singh Mann, Professor, University Business School, Guru Nanak Dev University, Amritsar	12/09/2017
Pui	njab School	of Economics					
7	71001700010	2010.PHD(ECO).03	PARUL/ RAKESH SAREEN 	ECONOMICS	"Socio-Economic Gender Disparities in India : An Inter-State Analysis"	Dr. Neena Malhotra, Associate Professor, Punjab School of Economics, Guru Nanak Dev University, Amritsar	16/06/2017
8	71001700011	2003.WP/A.326	ANU BAJAJ/ MOHINDER PAL 	ECONOMICS	"Non-Performing Assets of Scheduled Commercial Banks in India - An Empirical Analysis"	Dr. Amarjit Singh Sethi, Professor (Retd.). Punjab School of Economics, Guru Nanak Dev University, Amritsar	17/08/2017
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r. Roll N	io.	Regd. No.	Name of the Researcher/ Father's Name	Subject	Title of the Thesis	Supervisor/Co-Supervisor	Date of Award of Ph.D. Degree(i.e.dat of approval of the Vice-Chancellor)
		NGINEERING &					
		Computer Science 2013.PHD(CSE)-01	RAJINDER SANDHU/ JASBIR SINGH SANDHU 	COMPUTER SCIENCE & ENGINEERING	"On Architectures and Applications of Big Data and Cloud Computing"	Dr. Sandeep Kumar Sood, Professor, Department of Computer Science & Engg., GNDU Regional Campus, Gurdaspur.	14/09/2017
10 7100	1700013	 93.GK/A.220 	JASBIR SINGH/ SURJIT SINGH 	COMPUTER SCIENCE	"Task Scheduling on Multiprocessor Parallel System Using Genetic Algorithm"	Dr. Gurvinder Singh. Professor, Department of Computer Science,Guru Nanak Dev University. Amritsar	01/09/2017
Departm	ent of I	Electronics Techn	nology				
		2011.ELT/A.15	RUPAN PREET KAUR/ DARSHAN SINGH BHULLAR	ELECTRONICS TECHNOLOGY 	"Modeling Quantum Transport through Aromatic Molecular Junctions for Nanoelectronic Applications"	Dr. Derick Engles, OSD, Guru Nanak Dev University Regional Centre, Sultanpur Lodhi. Co-Supervisor: Dr. Ravinder Singh Sawhney, Assoc. Professor & Head, Department of Electronics Technology, Guru Nanak Dev University, Amritsar	01/09/2017
			RELIGIOUS STUDIES				
1		Guru Nanak Stud	JASWINDER SINGH/ KULWANT SINGH	RELIGIOUS STUDIES	"ਗੁਰਮੁਖੀ ਲਿਪੀ ਵਿਚ ਉਪਲਬਧ ਰਾਮ-ਭਗਤੀ ਸਾਹਿਤ: ਇਕ ਵਿਸ਼ਲੇਸ਼ਣਾਤਮਕ ਅਧਿਐਨ (1700 ਤੋਂ 1800 ਈ. ਤੱਕ)"	Dr. Manvinder Singh. Assistant Professor. Department of Guru Nanak Studies. Guru Nanak Dev University. Amritsar	24/08/2017
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Sr. No.	Roll No.	Regd. No. - 	Name of the Researcher/ Father's Name 	Subject	Title of the Thesis	Supervisor/Co-Supervisor 	Date of Award of Ph.D. Degree(i.e.dat of approval of the Vice-Chancellor)
FAC	CULTY OF L	ANGUAGES					
Dep	artment of I	English					
13	71001700016 	2011.PHD(ENG)-01 	GURPREET KAUR/ KARNAIL SINGH 	ENGLISH 	"Engendering Partition Violence : A Study of Selected Short Stories" 	Dr. Parminder Singh, Professor, Department of English, Guru Nanak Dev University, Amritsar	29/08/2017
Sch	ool of Punjo	abi Studies					
14	71001700017 - - - -	2006.SW/A.316 	PREETI/ KEWAL KRISHAN -	PUNJABI 	"ਪੰਜਾਬੀ ਗੀਤ ਕਾਵਿ: ਸਾਹਿਤ ਇਤਿਹਾਸਕ ਅਧਿਐਨ (ਨੰਦ ਲਾਲ ਨੁਰਪੁਰੀ, ਪ੍ਰੋ. ਮੋਹਨ ਸਿੰਘ, ਹਰਿਭਜਨ ਸਿੰਘ, ਜਸਵੰਤ ਸਿੰਘ ਨੇਕੀ ਅਤੇ ਸ਼ਿਵ ਕੁਮਾਰ ਦੇ ਸੰਦਰਭ ਵਿਚ"	Dr. Sohinder Singh, Professor, School of Punjabi Studies, Guru Nanak Dev University, Amritsar	26/08/2017
15	71001700018	2006.CG/D.41 	GURWINDER KAUR/ JARNAIL SINGH 	PUNJABI 	"ਕਿਰਪਾਲ ਸਿੰਘ ਕਸੇਲ ਤੇ ਹੋਰ, ਹੀਰਾ ਸਿੰਘ ਦਰਦ ਅਤੇ ਆਈ. ਸੇਰੇਬ੍ਰੀਆਕੋਵ ਦੀ ਸਾਹਿਤ ਇਤਿਹਾਸਕਾਰੀ: ਤੁਲਨਾਤਮਕ ਅਤੇ ਇਤਿਹਾਸਮੂਲਕ ਅਧਿਐਨ"	Dr. H.S. Bhatia, Professor, School of Punjabi Studies, Guru Nanak Dev University, Amritsar	24/08/2017
16	71001700019 	2010.GNS/A.3 	NARINDER KAUR/ DARSHAN SINGH 	PUNJABI 	"ਸ਼ਿਵ ਪੁਜਾ: ਲੋਕਧਾਰਾਈ ਅਧਿਐਨ" 	Dr. Darya, Assistant Professor, School of Punjabi Studies, Guru Nanak Dev University, Amritsar	01/09/2017
De	partment of	Sanskrit					
17	71001700020 	96.SW/A.525	SALONI/ PRITHVI RAJ 	SANSKRIT	"Dharamshastar evam Neetishastar ka Tulnatmak Adhyayan 'Shaskiya evam Samajik Vyavastha ke Paripeksh mein"	Dr. Dalbir Singh, Professor, Department of Sanskrit, Guru Nanak Dev University, Amritsar	29/08/2017
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Sr. No.	Roll No.	Regd. No. - -	Name of the Researcher/ Father's Name	Subject	Title of the Thesis	Supervisor/Co-Supervisor	Date of Award of Ph.D. Degree(i.e.dat of approval of the Vice-Chancellor)
		IFE SCIENCES Biotechnology					
8		2012.PHD(BT)-04	SANDEEP SINGH PAGOCH/ DALIP SINGH I I I I I I I I I I I I I I I I I I	BIOTECHNOLOGY	"Cloning and Characterization of Methylerythritol 4-phosphate (MEP) Pathway Genes Involved in the Biosynthesis of Forskolin in Coleus forskohlii (Willd.) Briq."	Dr. Yashbir S. Bedi, Consultant & Ex-Scientist, Indian Institute of Integrative Medicine, Jammu Co-Supervisor: Dr. Suphla Gupta, Sr. Scientist, Plant Biotechnology Division, Indian Institute of Integrative Medicine, Jammu	29/08/2017
9	71001700022 	2004.BOT/A.16 	SHIVANI/ VISHWA MITTER SAINI 	BIOTECHNOLOGY 	"Comparitive Analysis of Roots and Auxin Homeostasis in two Contrasting Salt-Responsive Cultivars of Rice"	Dr. Pratap Kumar Pati, Professor, Department of Biotechnology, Guru Nanak Dev University, Amritsar	17/08/2017
Dep	partment of	Botanical & Envi	ronmental Sciences				
20	71001700023 	2002.SDP/A.337	SARASWATI/ JUGAL KISHORE 	ENVIRONMENTAL SCIENCES 	"Sorption of Copper and Cadmium lons using Dendrocalamus strictus Charcoal Powder and Saccharomyces cerevisiae: A Comparative Study"	Dr. Jatinder Kaur, Assistant Professor. Department of Botanical & Environmental Sciences, Guru Nanak Dev University, Amritsar Co-Supervisor: Dr. Inderpreet Kaur, Assistant Professor, Department of Chemistry,	26/08/2017
						Department of Chemistry, Guru Nanak Dev University, Amritsar	

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Şr. No.	Roll No. '	Regd. No. 	Name of the Researcher/ Father's Name	Subject	Title of the Thesis	Supervisor/Co-Supervisor	Date of Award of Ph.D. Degree(i.e.dat of approval of the Vice-Chancellor)
FAC	CULTY OF I	LIFE SCIENCES					
Dep	artment of	Botanical & Enviro	onmental Sciences				
21	71001700024	2011.PHD(BOT)-01	KAUR PARAMJEET/ PARSHOTAM SINGH 	BOTANY	"Studies on Antiproliferative, Antioxidant and Hepatoprotective Potential of Pteris vittata L."	Dr. Satwinderjeet Kaur, Professor, Department of Botanical and Environmental Sciences, Guru Nanak Dev University, Amritsar	07/09/2017
Dep	artment of	Human Genetics					
22	71001700025	2011.PHD(HG)-01 	HARKIRAT SINGH SANDHU/ MEHTAB SINGH SANDHU 	HUMAN GENETICS	"Investigations on Cellular Crosstalk between Retinoic Acid and Pesticides: A Paradigm for Understanding Osteoporosis Through Genomic and None-Genomic Pathways"	Dr. A.J.S. Bhanwer, Professor, Department of Human Genetics, G N D University, Amritsar Co-Supervisor: Dr. Sanjeev Puri, Professor, Biotechnology, UIET, Coordinator, Centre for Stem Cell and Tissue Engineering, Panjab University, Chandigarh	17/08/2017
Dep	partment of	Zoology					
23	71001700026 	2001.B/A.268	MANDEEP KAUR/ SAWINDER SINGH 	ZOOLOGY	"Evaluation of biological activity of sesquiterpenes from Inula racemosa (Hook. f.) against Spodoptera litura (Fabricius)"	Dr. Sanehdeep Kaur, Professor, Department of Zoology, Guru Nanak Dev University, Amritsar	14/09/2017

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Poll No.	Regd. No. 	Name of the Researcher/ Father's Name 	Subject	Title of the Thesis	Supervisor/Co-Supervisor 	Date of Award of Ph.D. Degree(i.e.da of approval of the Vice-Chancellor)
		BARINDER PAL SINGH/ KULDIP SINGH	PHYSICAL EDUCATION	"A Comprehensive Study of Emotional Intelligence, Mental Toughness and Personality Traits of Open and Closed Skill Athletes"	Dr. Baljinder Singh Bal, Assistant Professor, Department of Physical Education (T), Guru Nanak Dev University, Amritsar	16/06/2017
71001700028	2005.J/A.109	SANDEEP/ OM PRAKASH 	PHYSICAL EDUCATION 	"A Comparative Study of the Psychological Characteristics between Combat and Non-Combat Sports"	Dr. Amandeep Singh, Assistant Professor, Department of Physical Education (T), Guru Nanak Dev Universiy, Amritsar	26/08/2017
		SARBJEET KAUR/ INDERJEET SINGH BEHL 	CHEMISTRY	"Synthesis and nonlinear optical behaviour of ferrocene-diketopyrro opyrrole based push-pull systems"	Dr. Kamaljit Singh. Professor, Department of Chemistry, Guru Nanak Dev University, Amritsar	24/08/2017
71001700030	2002.CH/A.26	AMANPREET KAUR/ SURINDER SINGH 	CHEMISTRY 	"Metal Derivatives of Heterocyclic Thioamides with Ligands Containing Nitrogen or Phosphorus Donor Atoms"	Dr. T.S. Lobana, Emeritus Scientist, Department of Chemistry, Guru Nanak Dev University, Amritsar Co-Supervisor: Dr. R.K. Mahajan, Professor, Department of Chemistry, Guru Nanak Dev University, Amritsar	07/09/2017
	ULTY OF Partment of A 71001700027 71001700028 CULTY OF Sartment of 71001700029	ULTY OF PHYSICAL EDUCATION OF Physical Educate 71001700027 2003.K/A.260 71001700028 2005.J/A.109 CULTY OF SCIENCES CARTMENT of Chemistry 71001700029 2007.CH/A.8	Father's Name Father's Name Father's Name	Father's Name	Father's Name Father's Nam	Pather's Name Pather's Nam

o.	Roll No.	Regd. No. 	Name of the Researcher/ Father's Name	Subject	Title of the Thesis	Supervisor/Co-Supervisor 	Date of Award of Ph.D. Degree(i.e.da of approval of the Vice-Chanceller)
	CULTY OF S						
9 (8)	71001700031	2007.CH/A.26	SHAFALI ARORA/ RAJINDER KUMAR ARORA 	CHEMISTRY	"Structure Diversification of Macrocyclic Entities and Evaluation of Nonlinear Optical Behaviour"	Dr. Kamaljit Singh, Professor, Department of Chemistry, Guru Nanak Dev University, Amritsar	29/08/2017
)ер	partment of	Food Science & 1	Technology				
9	71001700032	2009.KJ/A.1552	SHEETAL THAKURV SHAMBHU SINGH 	FOOD TECHNOLOGY	"Corn: Evaluation of Biochemical and Processing Behaviour" 	Dr. Amritpal Kaur. Assistant Professor. Department of Food Science & Technology. Guru Nanak Dev University, Amritsar Co-Supervisor: Dr. Narpinder Singh, Professsor. Department of Food Science & Technology, Guru Nanak Dev University, Amritsar	08/09/2017
30	71001700033	99.FT/A.5	BARINDERJIT SINGH/ KEWAL SINGH 	FOOD TECHNOLOGY 	"Polyphenolic compounds among different Vigna Species: Effect of extraction conditions, exogenous enzymes and processing methods"	Dr. Narpinder Singh, Professor, Department of Food Science & Technology, Guru Nanak Dev University, Amritsar	08/09/2017
De	partment of	Mathematics					
31			PUNEET KAURV JAGJIT SINGH	MATHEMATICS	"Patterns in modulated Rayleigh-Benard Convection"	Dr. Jitender Singh, Assistant Professor, Department of Mathematics, Guru Nanak Dev University, Amritsar	11/09/2017

Šr. No.	Roil No.	Regd. No.	Name of the Researcher/ Father's Name 	Subject	Title of the Thesis	Supervisor/Co-Supervisor 	Date of Award of Ph.D. Degree(i.e.da of approval of the Vice-Chancellor)
	CULTY OF S						
32		2001.PHY/A.36	SIMRANPREET KAUR/ JAGJIT SINGH 	PHYSICS	"Synthesis and Characterization of Rare Earth Doped Heavy-metal Borate Glasses"	Dr. D.P. Singh, Professor, Department of Physics, Guru Nanak Dev University, Amritsar	08/09/2017
33	71001700036 	2003.SP/A.79	PARMINDER SINGH/ HARDEEP SINGH 	PHYSICS	"Study of natural radioactivity in a mineralized zone of Himachal Pradesh, with special emphasis on indoor radon, thoron and their progeny"	Dr. B.S. Bajwa, Professor, Department of Physics, Guru Nanak Dev University, Amritsar	11/09/2017
			E & PHYSIOTHERAPY				
<i>Dep</i>	ACUS A	Sports Medicine &	MAYANK SHUKLAV D.K. SHUKLA	SPORTS MEDICINE & PHYSIOTHERAPY 	"Actinotherapy as a Therapeutic Tool for Vitamin D Synthesis - Implications for Related Health Factors"	Dr. Amrinder Singh, Assistant Professor, Department of Sports Medicine & Physiotherapy, Guru Nanak Dev University, Amritsar	31/08/2017
			ERFORMING ARTS				
Dep	partment of	Music 					
35	71001700038 	2003.RCP/A.123	SHIVANI/ JOGINDER PAL 	MUSIC 	"Vartmaan Samay Mein Uttar Bhartiya Shastriya Sangeet Ki Lokpriyata-Ek Vishleshnatmak Adhyayan"	Dr. Rajesh Sharma. Assistant Professor. Department of Music. Guru Nanak Dev University. Amritsar	14/09/2017
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Sr. No.	Roll No.	Regd. No. 	Name of the Researcher/ Father's Name	Subject 	Title of the Thesis	Supervisor/Co-Supervisor	Date of Award of Ph.D. Degree(i.e.date of approval of the Vice-Chancellor)
FAC	CULTY OF V	TSUAL ARTS & PEI	RFORMING ARTS				
Dep	artment of I	Music					
36	71001700039	2011.PHD(MUSIC)-01 	KULWINDER SINGH/ NIRANJAN SINGH 	MUSIC 	"ਸੁਤੰਤਰਤਾ ਉਪਰੰਤ ਸ਼ਬਦ ਕੀਰਤਨ : ਪਰੰਪਰਾ ਅਤੇ ਪ੍ਰਵਿਰਤੀਆਂ (ਇਕ ਵਿਸ਼ਲੇਸ਼ਣਾਤਮਕ ਅਧਿਐਨ)" 	Dr. Rajesh Sharma, Assistant Professor, Department of Music, Guru Nanak Dev University, Amritsar	14/09/2017
37	71001700040	2002.SW/A.377	SHIKHA MEHRA/ JOGINDER NATH MEHRA 	MUSIC 	"Uttar Bhartiya Sangeet Mein Rashtra Samarpit Geeton Ka Sahitiyak Evam Sangitik Vishleshan"	Dr. Rajesh Sharma, Assistant Professor, Department of Music, Guru Nanak Dev University, Amritsar	14/09/2017
	RITSAR ember 22, 201	17 Sr.	Asstt. Sr. Asstt.	O.S.Ex-	II D.R.(Examination-II)	Professor Inchar	uwez

GURU NANAK DEV UNIVERSITY AMRITSAR (Established by State Legislature Act No. 21 of 1969)

(Accredited at "A" grade level by NAAC and awarded "University with Potential for Excellence" status by UGC)

Ph.D. GAZETTE NOTIFICATION No. Ph.D /1/2017-2018

The following candidate(s) have been awarded the Degree of Doctor of Philosophy (Ph.D.) by the Syndicate of Guru Nanak Dev University at its meeting held on 20/03/2017 vide Para No. 56

Sr. No.	Roll No.	Regd. No.	Name of the Researcher/ Father's Name	Subject	Title of the Thesis	Supervisor/Co-Supervisor 	Date of Award of Ph.D. Degree(i.e.dat of approval of the Vice-Chancellor)
FA	CULTY OF S	SCIENCES					
Dep	partment of	Chemistry	4.65				
1	71001700001	2007.CH/A,40 	SIMMI SHARMA/ BALAK RAM SHARMA 	CHEMISTRY 	"Design & Synthesis of B -Boswellic Acids Based Anti-cancer Leads and Development of New Synthetic Methods"	Dr. Bhahwal Ali Shah, Scientist, Natural Product Chemistry Division, CSIR-Indian Institute of Integrative Medicine, Jammu-180001.	14/03/2017
2	71001700002 	2012.PHD(CH).02 	SUBHAMAY PRAMANIK SRIKANTHA PRAMANIK	CHEMISTRY 	"Supramolecular Aggregates of AIEE Active Hexaphenylbenzene based Molecules : A Search for New Functional Nanomaterials"	Dr. Manoj Kumar, Professor & Head, Department of Chemistry, Guru Nanak Dev University, Amritsar	17/03/2017
3	71001700003 	2008.DE/A.1 	SANDEEP KAUR/ SUKHDEV SINGH	CHEMISTRY	"Fluorescent Aggregates of Pentacenequinone/ Perylene Bisimide Derivatives : Self-assembly, Sensing and Catalytic Applications"	Dr. Vandana Bhalla, Assistant Professor, Department of Chemistry, Guru Nanak Dev University, Amritsar	17/03/2017
AMI Mar	SWSAR 31, 2017	Sr. Asstt.	<u>S_P-SA</u> şr. Assau	O.S.Ex-II	A.R.(Examination-II)	Professor Incharge (Exa	aminations)
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