

# GURU NANAK COLLEGE FOR GIRLS

Sri Muktsar Sahib (Pb)

## RESEARCH PUBLICATIONS IN JOURNALS 2018-19

Department of Basic Sciences								
National/ international	Title of the Paper	Name of the author/s	Department of the Teacher	Name of the Journal	Year of Public ation	ISSN	Link of recognitio n in UGC enlistmen t of the journal	Impact factor
International	Ab-Initio study of Hydrostatic Pressure effect on the Structural Electronic and Magnetic Properties of Ga <sub>0.75</sub> Cr <sub>0.25</sub> N and Ga <sub>0.75</sub> Mn <sub>0.25</sub> N	Dr. Anita Rani	Department of Basic sciences	Material Research Express	2018			1.44
International	DFT Study of Hydrostatic Pressure effect on Ga <sub>0.625</sub> Mn <sub>0.25</sub> As Diluted Magnetic Semiconductors”	Dr. Anita Rani	Department of Basic sciences	American Institute of Physics Proceedings	2019	030483	--	
International	Ab-intio Study of II-VI Diluted Magnetic Semiconductor Cd <sub>0.9375</sub> Mn <sub>0.0625</sub> Se	Dr. Anita Rani	Department of Basic sciences	American Institute of Physics Proceedings	2019	030458		

International		Dr. Harpreet Kaur	Department of Basic sciences	Acta Biologica cracoviensia series Botanica.	2018	60 (1) 95-103		0.708
National	Effects of automobile exhaust pollution (from 2- stroke and 4- stroke Engine vehicles) on the haematological parameters of female rat during winter season	Dr. sukhvinder Kaur	Department of Basic sciences	Eco.Env. &Cons	2018	24(2):2 018,pp. (196-200)	--	0.12
<b>P.G Department of Commerce</b>								
International	Women Entrepreneurship in India	Dr Jagmeet Kaur	Commerce	International Journal of Engineering, Applied and Management Sciences Paradigms	2019	2320-6608		2.50
National	Corporate Social Responsibility in Indian Banking Industry: A Case Study of State Bank of India and ICICI Bank	Dr. Jagmeet Kaur	Commerce	Political Economy Journal of India	2018	0971-2097		
<b>P.G Department of Mathematics</b>								
International	An efficient Technique for solution of Linear and Non Linear diffusion dispersion	Ms. Satinderpal Kaur	Mathematics	AIP Conference proceedings (Scopus indexed)	2018, 0300 31-10,	0094-243X		1.579

	Model				1975, No.1			
<b>P.G Department of Punjabi</b>								
National	Joginder Singh Rahi Di Galap-Chintan Dristhi	Dr. Sukhwinder Singh	P.G Department of Punjabi	Trishanku	Jan-April 2019	5112-1091		
<b>P.G Department of Sociology</b>								
International	Women from Subordination to Empowerment: A Review.	Amanpreet Kaur.	Sociology	International Journal of Applied Social Sciences.	2018	2394-1405		5.734
<b>P.G Department of Computer Science</b>								
International	A survey of deep learning and its applications: A new paradigm to machine learning	Shaveta Dargan, Munish Kumar, Maruthi Roy Ayyagari, Gulshan Kumar	Computer Science	Archives of computational methods in engineering , Springer Netherlands	June, 2019	ISSN: 1134-3060 (Print) 1886-1784 (Online)	-	7.242
International	Impact of Big Data on Learning	Monika Juneja	Computer Science	Social Reasearch Foundation	Feb, 2019	-	-	-
International	Genetic Based Task Scheduling Algorithms in Distributed Environments – its Strength, Weaknesses,	Sunil Kumar	Computer Science	International Journal of Advance Research in Science and	2018	Print 2319-8346 Online 2319-	-	6.1

	opportunity and Threats			Engineering		8354		
International	Optimization Task Scheduling Techniques for Distributive Environment	Sunil Kumar	Computer Science	World Wide Journal of Multidisciplinary Research and Development	2018	Online 2454-6615		4.25
International	Writer identification System for Indic and Non-Indic scripts	Shaveta Dargan, Munish kumar	Computer Science	Archives of computational methods in engineering , Springer Netherlands	Sept, 2018	ISSN: 1134-3060 (Print) 1886-1784 (Online)		7.242
<b>P.G Department of Fashion Designing</b>								
International	Entrepreneurship the role of women in India	Ms. Roohi	Fashion Designing	International journal of applied home science	2018	2394-1413		5.486 (sjif) 1.4215 (gif)

**BOOKS AND CHAPTERS IN EDITED VOLUMES 2018-19****(Book Published)**

<b>Department of Basic Sciences</b>							
<b>Title of the book Published</b>	<b>National/International</b>	<b>Year of publication</b>	<b>ISBN/ISSN</b>	<b>Affiliating institute at the time of the publication</b>	<b>Name of the publisher</b>	<b>Relevant link (NA )</b>	<b>Name of the teacher</b>
DFT Study of Dilute Magnetic Semiconductor	International	2018	ISBN: 978-620-2-06043-1	Guru Nanak College for Girls, Sri Muktsar Sahib	Lambert Academic Publications	NA	Dr. Anita Rani
Asymbiotic seed germination of Malaxis acuminata: A study in vitro	National	2018	ISBN No: 978-93-83730-71-1	Guru Nanak College for Girls, Sri Muktsar Sahib	Unimax Publications, Jalandhar	NA	Dr. Mandeep Kaur Dhillon
<b>Department of Business Administration</b>							
Human Resource Management	National	2018	978-93-5359-081-9	GNC Sri Muktsar Sahib	Kalyani Publishers	NA	Mrs Monica Garg
<b>P.G Department of Sociology</b>							
Role and Impact of Media on Society (Edited)	International	2019	978-93-83296-44-6	GNC Sri Muktsar Sahib	Unistar Publication	NA	Dr. Navneet Saini
Violence Against Women in the Family:	International	2019	978-93-89198-01-0	GNC Sri Muktsar Sahib	Unistar Publication	NA	Dr. Navneet Saini

A study of Malwa Region in Rural Punjab (Edited)							
Adolescent Girls in Rural Punjab : Issues and Challenges (Edited)	International	2019	978-93-89198-00-3	GNC Sri Muktsar Sahib	Unistar Publication	NA	Dr. Navneet Saini

**CHAPTERS IN EDITED BOOKS 2018-19**

<b>P.G Department of Computer Science</b>							
<b>S.N.</b>	<b>Name of Author &amp; Title with page no.</b>	<b>Title of the Paper</b>	<b>Book Title &amp; Publisher</b>	<b>ISSN/ISBN No.</b>	<b>International/ National/</b>	<b>No. of Co-authors and Date of Publication (Editor)</b>	<b>Enclosures: Pl. mention page number(s) of application form where proof is attached</b>
1.	Rupinderpal Kaur	Media and Its Impact on youth Couture	Role and Impact of Media on Society (Edited) (Unistar Books Pvt. Ltd. )	978-93-83296-44-6	International	Dr. Navneet Saini Year- 2019	190-206
<b>Department of English</b>							
2.	Dr. Sandeep Kaur	Influence of Social Media on English Language	Role and Impact of Media on Society (Edited) (Unistar Books Pvt. Ltd. )	978-93-83296-44-6	International	Dr. Navneet Saini Year- 2019	25-33
<b>P.G Department of Commerce</b>							
3.	Ms. Rimpjeet Kaur	Changing role of Women in Indian Media	Role and Impact of Media on Society (Edited) (Unistar Books Pvt. Ltd. )	978-93-83296-44-6	International	Dr. Navneet Saini Year- 2019	128-139
4.	Dr. Sakshi Angi	Role of Media in Women Empowerment	Role and Impact of Media on Society	978-93-83296-44-6	International	Dr. Navneet Saini	69-78

			(Edited) (Unistar Books Pvt. Ltd )			Year- 2019	
<b>Department of Economic</b>							
5.	Dr. Jasjit Kaur Shergill & Dr. Navneet Saini	Reality TV Shows & the Young Generation	Role and Impact of Media on Society (Edited) (Unistar Books Pvt. Ltd. )	978-93-83296-44-6	International	Dr. Navneet Saini Year- 2019	159-169
<b>P.G Department of Sociology</b>							
6.	Dr Navneet Saini	Exploring the Transgender Identity in Indian Cinema	Role and Impact of Media on Society (Edited) (Unistar Books Pvt. Ltd. )	978-93-83296-44-6	International	Dr. Navneet Saini Year- 2019	34-46
7.	Dr Navneet Saini	Impact of Mass Media on Rural Women: A Sociological Study of Sri Muktsar Sahib	Women Empower in India: Issues and Challenges (Edited) New Era Publisher	978-81-290-0177-1	National	Reetu Sharma	104-112



## Annexure- IV

**PAPER PUBLISHED IN PROCEEDINGS OF THE CONFERENCES 2018-19**

Name of the teacher	Title of the paper	Title of the proceedings of the conference	Name of the conference	National/International	Year of publication	ISBN/ISSN	Affiliating institute at the time of the publication	Name of the publisher	Relevant link (NA )
<b>P.G Department of Computer Science</b>									
Rupinder Pal Kaur	Headline and column segmentation in printed Gurumukhi script Newspaper	Smart Innovations in communication and computer science (Springer)	International Conference on Smart Innovations in Communications and Computational Sciences (ICSICCS)	International	July, 2018	<b>Print</b> ISBN978-981-10-8970-1 <b>Online</b> ISBN978-981-10-8971-8	North West Group Of institute, Moga	Springer, Singapore	<a href="https://link.springer.com/chapter/10.1007/978-981-10-8971-8_6">https://link.springer.com/chapter/10.1007/978-981-10-8971-8_6</a>
Rupinder Pal Kaur	Zone segmentation of a text line in	Fifth International Conference on Parallel,	Fifth International Conference on Parallel,	International	December, 2018	Electronic ISBN: 978-1-7281-0646-5	Jaypee University of science and	IEEE Publisher USA	<a href="https://www.semanticscholar.org/paper/Zone-Segmentation">https://www.semanticscholar.org/paper/Zone-Segmentation</a>

	Gurumukhi script	Distributed and Grid Computing (PDGC)	Distributed and Grid Computing (PDGC)			Print on Demand (PoD) ISBN: 978-1-7281-0648-9	technology, Solan, HP		<a href="#">-of-a-Text-Line-Printed-in-Script-Kaur-Jindal/7f9f61623ef22c15d3b88cd162b684d07cb7a63f</a>
<b>P.G Department of Punjabi</b>									
Dr. Mandeep Kaur	Punjab Diyan lok Kalawa:Sathiate chuntian	Relevance And Conservation Of Indian Heritage	The Relevance and Conservation of Indian Heritage (ICSSR)	National	10 March 2018	978-93-87745-37-7	Dev Samaj College Firozpur	Lok Geet Parkashan	NA
Dr. Amanpreet Gill	Manto diya kahaniya vich samvedna	Punjabi Samvedna Ate Punjabi Sahit	Punjabi samvedna ??????????	National	August 2018	978-93-5204-780-2	Dashmesh Girls College Badal	Lok Geet Parkashan	NA
<b>P. G Department of Sociology</b>									
Dr. Navneet Saini	'People's Preference towards Female Child within	Portrayal of Women in Media: an Interdisciplinary	Portrayal of Women in Media: an Interdisciplinary Approach	National	2018	978-93-88119-81-8	Guru Gobind Singh Khalsa College for Women Jhar Sahib Ldh.	International Publisher and Book Supplier	

	the Contemporary Society: Some Reflections	Approach  (Saptrishi Publication Chandigarh)							
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Annexure- V

**BIBLIOMETRICS OF THE PUBLICATIONS 2018-19**

P.G Department of Mathematics							
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self-citations	
An efficient Technique for solution of Linear and Non Linear diffusion dispersion Model	Satinder Pal Kaur	AIP Conference proceedings (Scopus indexed)	2018		Guru Nanak College for Girls, Sri Muktsar Sahib	0	
Department of Basic Sciences							
Ab-Initio study of Hydrostatic Pressure effect on the Structural Electronic and Magnetic Properties of Ga <sub>0.75</sub> Cr <sub>0.25</sub> N and Ga <sub>0.75</sub> Mn <sub>0.25</sub> N	Dr. Anita Rani	Material Research Express	2018	03	Guru Nanak College for Girls, Sri Muktsar Sahib	0	

DFT Study of Hydrostatic Pressure effect on Ga <sub>0.75</sub> Mn <sub>0.25</sub> As Diluted Magnetic Semicoductors”	Dr. Anita Rani	Journal of American Institute of Physics	January 2019	0	Guru Nanak College for Girls	0
Ab-intio Study of Diluted Magnetic Semiconductor Cd <sub>0.9375</sub> Mn <sub>0.0625</sub> Se	Dr. Anita Rani	Journal of American Institute of Physics	January 2019	0	Guru Nanak College for Girls	0

Annexure- VI

**H-INDEX OF THE PUBLICATIONS 2018-19**

P.G Department of Mathematics						
Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
An efficient Technique for solution of Linear and Non Linear diffusion dispersion Model	Satinder Pal Kaur	AIP Conference proceedings (Scopus indexed)	2018		-	Guru Nanak College for Girls, Sri Muktsar Sahib
Department of Basic Sciences						
Ab-Initio study of Hydrostatic Pressure effect on the Structural Electronic and Magnetic Properties of Ga <sub>0.75</sub> Cr <sub>0.25</sub> N	Anita Rani	Material Research Express	2018	03	03	Guru Nanak College for Girls, Sri

and Ga <sub>0.75</sub> Mn <sub>0.25</sub> N							
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