

3.2.2

Web-link of research papers by title,author, Department/School/ Division/Centre/ Unit/ Cell,name and year of publication (2016-2020)

S.No	Name of the teacher	Title of the book/chapters published	Title of the paper	Year	Weblink
1	Ms. Deepali Bajaj		Sentiment Analysis : A new Paradigm in Natural language Processing	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20Conference%20%20NCAECA.pdf#page=55
2	Ms. Deepali Bajaj		Development of an Electronic Voting System	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20Conference%20%20NCAECA.pdf#page=65
3	Ms. Urmil Bharti		A novel Technique for query suggestion in long tail queries	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20Conference%20%20NCAECA.pdf#page=39
4	Ms. Tina Sachdeva		Future Architecture of General Purpose Computing on Graphics Processing Units (GPGPUs)	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20Conference%20%20NCAECA.pdf#page=118
5	Ms. Tina Sachdeva		Computation of Bandwidth Utilization in a Network File	2016	https://www.amazon.in/Recent-Trends-Instrumentation-Electronics-Proceedings/dp/1539305422
6	Ms. Seema Thakur		Cyber War: An Open Challenge to Our Nation	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20Conference%20%20NCAECA.pdf#page=94
7	Ms. Seema Thakur ,Dr.Projes Roy		The Evolution of the "BOW-HEADED Tribe"	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20Conference%20%20NCAECA.pdf#page=35

8	Ms. Asha Yadav		Visualization of Big Data: Tools and Techniques for Data-Driven Decision Making	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20Conference%20%20NCAECA.pdf#page=47
9	Ms. Asha Yadav		RMart: A Digi Campus	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20Conference%20%20NCAECA.pdf#page=59
10	Ms.Monika Tyagi,Mr. Sumit Kumar,Ms.Preeti Singhal		Designing a mobile application with OTP technique as an enhancement to e-attendance	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20Conference%20%20NCAECA.pdf#page=44
11	Ms. Sonia Ahlawat,Ms.Venika Gupta		IIR Digital Low Pass Filter Design and Research and Simulation Result on SCILAB	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20Conference%20%20NCAECA.pdf#page=17
12	Ms. Sonia Ahlawat		Electronic gadgets - from affection to addiction: a literature review	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20Conference%20%20NCAECA.pdf#page=24
13	Ms. Sonia Ahlawat		Advanced Communication in Digital World	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20Conference%20%20NCAECA.pdf#page=76
14	Dr. Neha Katyal		Holographic Data Storage - Review	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20Conference%20%20NCAECA.pdf#page=69
15	Dr.Ranjana singh		Development of Soy fortified Traditional snacks	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20NCAFST.pdf#page=81

22	Ms. Samuya Chaturvedi ,Anchal Gupta,Srishti Arora,Swati Balani,Shruti Jalan		Osmotic Dehydration of Papaya- Optimization and Comparison	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20NCAFST.pdf#page=113
23	Ms. Saumya Chaturvedi ,Namrata,Neetu Rajput,Shruti Goel		Effect of Temperature on physical properties of some fats and oils.	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20NCAFST.pdf#page=160
24	Ms. Vandana and Ms. Prabhjot Kaur Sabharwal		Sustainable utilization of waste from citrus fruit processing Industry- A review	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20NCAFST.pdf#page=16
25	Ms. Vandana and Ms. Ragya Kapoor		Analysis of pesticide residues in grapes after different treatments using HPLC	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20NCAFST.pdf#page=107
26	Dr.Neha Katyal		A review on optical computing	2016	https://www.rajgurucollege.com/images/Research/National-Conference/Proceedings%20NCAEC A.pdf#page=133
27	Dr. Sneha Kabra, Dr. Yogesh Pratap		A review on the Eye Stick: Boon to Visually Impaired,	2016	
28	Dr. Sneha Kabra, Himani Dua		Low cost eco - friendly solar inverter a standalone solar power system for households	2016	https://www.amazon.in/Recent-Trends-Instrumentation-Electronics-Proceedings/dp/1539305422
29	Ms.Shalu Sharma, Dr.Suruchi Chawla and Dr.Amita Kapoor		An automatic irrigation system using self made soil moisture sensors and Android app	2016	https://www.amazon.in/Recent-Trends-Instrumentation-Electronics-Proceedings/dp/1539305422
30	Ms.Reshma Sinha		A review paper on Hollow flashlight: Thermoelectrically powered torch	2016	https://www.amazon.in/Recent-Trends-Instrumentation-Electronics-Proceedings/dp/1539305422

31	Dr. Bimla Pawar	-	Sports, Peace, International Understanding and Corporate Social Responsibility	2016	
32	Punita Saxena		Benchmarking efficiency of Delhi Transport Corporation: a data envelopment analysis approach	2016	http://www.orlabanalytics.ca/Inms/archive/v8/Inmsv8p33.pdf
33	Dr. Bimla Pawar		Stress Management in Sports'	2017	
34	Ms Monika Tyagi		Resonant and non-Resonant solutions of the non-linear vibration of single wall carbon nanotube embedded in viscous elastic matrix using Krylov Bogoliubov and Mitropolsky method	2017	https://link.springer.com/chapter/10.1007%2F978-3-319-97604-4_15
35	Dr.Amita Kapoor		Metta a pathway to Global Peace	2017	https://www.researchgate.net/publication/320867859_Metta_A_pathway_to_Global_Peace
36	Ms. Para Dholakia, Ms. Deepali Bajaj, Ms. Asha Yadav, Bhawana Sharma, Deeksha Sharma, Diksha Tiwari, Disha Sahani and Preetanjali Ray		Mobile Application to Track Nutritional Intake-a Smart Step towards Nutritional Security through m-Health	2017	
37	Ms. Deepali Bajaj, Ms. Asha Yadav and Para Dholakia		Android based nutritional intake tracking application for hand-held systems	2017	https://ieeexplore.ieee.org/document/8203977

38	Ms. Tina Sachdeva, Dr. Aakanksha, Ms. Neha Garg, Shivani Digari, Himani Kaira, Shivani Tiwary, Dolly, Neerajpreet Kaur, Bhavna Goel, Priya Naib, Chhavi Jain, Shivani Jain, Shreyta Rajan	-	Designing of an application for group based coordination for information exchange in Ad-hoc networks	2017	https://ieeexplore.ieee.org/abstract/document/8284452
39	Dr. Aakanksha	-	Analysis of Hypertext Transfer Protocols and its Variants	2017	https://www.researchgate.net/publication/326354712_Analysis_of_Hypertext_Transfer_Protocol_and_Its_Variants_Proceedings_of_ICSICCS_2017_Volume_2
40	Ms. Neha Gandhi	-	Reliability Analysis of Open Source Software based on User Growth	2017	https://www.researchgate.net/publication/338792108_Reliability_Analysis_of_Open_Source_Software_based_on_User_Growth
41	Ms. Neha Gandhi	-	Reliability Growth Modeling for OSS : A Method Combining the Bass Model and Imperfect Debugging	2017	https://link.springer.com/chapter/10.1007/978-981-10-8968-8_3
42	Ms. Neha Gandhi	-	Estimating Reliability for OSS : An approach with Change-point in Operational Phase	2017	https://sci-hub.se/10.1109/icrito.2017.8342433
43	Ms. Neha Gandhi	-	Reliability Modeling of OSS Systems based on Innovation : Diffusion Theory and Imperfect Debugging	2017	https://www.researchgate.net/publication/322783719_Reliability_Modeling_of_OSS_Systems_based_on_Innovation-Diffusion_Theory_and_Imperfect_Debugging

44	Ms. Monika Tyagi	Non-resonant Solutions of the Non-linear Vibration of SWCNTs Embedded in Viscous Elastic Matrix Using KBM Method: Proceedings of IWPSD 2017/ The Physics of Semiconductor Devices ,	-	2017	https://www.researchgate.net/publication/330770326_Resonant_and_Non-resonant_Solutions_of_the_Non-linear_Vibration_of_SWCNTs_Embedded_in_Viscous_Elastic_Matrix_Using_KBM_Method_Proceedings_of_IWPSD_2017
45	Dr.Punita Saxena		Benchmarking State Road Transport Undertakings of India: A DEA-based stepwise approach	2017	https://www.researchgate.net/publication/321307407_Benchmarking_State_Road_Transport_Undertakings_of_India_A_DEA-based_stepwise_approach
46	Dr.Ritika Chopra		An Application of Matrix Games with Trapezoidal Intuitionistic Fuzzy Pay Offs to Transportation Problem	2017	https://www.researchgate.net/publication/322077083_An_Application_of_Matrix_Games_with_Trapezoidal_Intuitionistic_Fuzzy_Pay_Offs_to_Transportation_Problem
47	Ms. Yuthika Agarwal	Demonetisation: Dharma Yuddha.. For a better tomorrow/Demonetisation: The strategy for a corruption free and transparent ecosystem'	NA	2017	
48	Ms. Yuthika Agarwal ,Gopal Krishan Aggarwal	The Future of Indian Economy: Post reforms and challenges ahead/Public Sector Enterprises: Twenty-Five Years of Reforms Vis-A-Vis Disinvestment'	NA	2017	

49	Ms. Yuthika Agarwal , Navneet Manchanda	Climate Change Perspectives and Challenges in 21st Century/Sanitaton as an adaptation to mitigate climate change'	NA	2017	
50	Dr. Bimla Pawar		Nutrition and Sports performance	2018	
51	Dr. Amita Kapoor , Antonio Guili	TensorFlow 1.x DeepLearning Cookbook		2018	https://www.google.co.in/books/edition/TensorFlow_1_x_Deep_Learning_Cookbook/gMxPDwAAQBAJ?hl=en&gbpv=1&dq=TensorFlow+1.x+DeepLearning+Cookbook&printsec=frontcover
52	Dr.Yogesh Pratap, Ms.Reshma Sinha, Dr.Sarul Malik and Dr.Sneha Kabra		Performance analysis of metalloid source/ drain GaAs-FinFET for analog/RF applications	2018	https://sci-hub.se/10.1109/icdcsyst.2018.8605159
53	Ms. Seema, Ms. Asha Yadav		Identifying the usage and impact of gadgets on Adolescents: A study on Students	2018	
54	Ms.Neha Garg, Dr.Yogesh Pratap, and Dr.Sneha Kabra		Analysis of Interface Trap Charges of Double Gate Junctionless Nanowire Transistor (DG-JNT) for Digital Circuit Applications	2018	https://sci-hub.se/10.1109/edkcon.2018.8770427
55	Ms. Dimpy Handa	Cultural Intelligence and Occupational Success"/Management Practices in the Digital Age, First ed.		2018	
56	Mr.Armando Fandango, Dr.Amita Kapoor	Armando Fandango, Amita Kapoor	Investigation of Iterative and Direct Strategies with Recurrent Neural Networks for Short-Term Traffic Flow Forecasting	2018	https://link.springer.com/chapter/10.1007/978-981-13-1813-9_43

57	Dr. Yogesh Pratap, and Dr. Sneha Kabra		Comparative analysis of oxides to improve performance of DC-MOS- HEMTs	2019	https://sci-hub.se/10.1109/mosak.2019.8902420
58	Dr. Mohd. Saquib Ansari	Use of nanostructure d polymer in the delivery of drugs for cancer therapy	NA	2019	https://www.researchgate.net/publication/333972064_Use_of_Nanostructured_Polymer_in_the_Delivery_of_Drugs_for_Cancer_Therapy
59	Ms. Deepali Bajaj, Ms Urmil Bharti, Ms. Tulika		Android Based e- Voting Mobile App Using Google Firebase as BaaS	2019	https://link.springer.com/chapter/10.1007/978-3-030-34515-0_24
60	Dr. Abha Jain		Analysis of Sampling Approach to Balance Data for Change Prediction	2019	https://ieeexplore.ieee.org/document/8940475
61	Dr. Abha Jain		Application of Boosting, Bagging and Blending to Predict Severity of Security Defects	2019	https://www.ijltet.org/journal/156450696904.%2093.pdf
62	Ms. Monika		Classification techniques used in sentiment analysis & prediction of heart disease using data mining techniques: Review	2019	https://sci-hub.se/https://ieeexplore.ieee.org/document/8977707
63	Ms. Monika		An analysis of Crime Data under Apache Pig on Big Data	2019	https://sci-hub.se/10.1109/ismac47947.2019.9032565
64	Ms. Monika		Sentiment Analysis on Product Reviews	2019	https://ieeexplore.ieee.org/document/8974527
65	Dr. Amita Kapoor	Hands-On Artificial Intelligence for IoT: Expert Machine Learning and Deep Learning Techniques for Developing		2019	https://www.amazon.in/Hands-Artificial-Intelligence-IoT-techniques-ebook/dp/B07C5YMBZT

		Smarter IoT Systems			
66	Ms. Monika Tyagi		Analytical solution of the Nonlinear Vibration of SWCNTs embedded in viscous elastic matrix with Linear and Nonlinear Damping using KBM method	2019	https://aip.scitation.org/doi/abs/10.1063/5.0025893
67	Ms.Himani Dua, Dr.Yogesh Pratap, and Dr.Sneha Kabra		Comparative Analysis of Dielectric Modulated Junctionless FinFET Biosensor and Junctionless DG MOSFET Biosensor for Medical Instrumentation	2019	https://sci-hub.se/10.1109/icpeca47973.2019.8975506
68	Dr.Neha Garg, Dr.Yogesh Pratap, and Dr.Sneha Kabra		Impact of Trap Charges and High Temperature on Reliability of GaAs/Al ₂ O ₃ based Junctionless FinFET	2019	https://www.researchgate.net/publication/349001185_Impact_of_Trap_Charges_and_High_Temperature_on_Reliability_of_GaAsAl2O3-Based_Junctionless_FinFET
69	Dr.Yogesh Pratap, and Dr.Sneha Kabra		Performance of AlGa _N /Ga _N based Common Drain Dual HEMT (CDD-HEMT) for high power applications	2019	https://sci-hub.se/10.1109/imarc45935.2019.9118660
70	Dr.Sneha Kabra	Current Collapse in AlGa _N /Ga _N HEMTs/Handbook for III-V High electron mobility transistor technologies		2019	https://www.routledge.com/Handbook-for-III-V-High-Electron-Mobility-Transistor-Technologies/Nirmal-Ajayan/p/book/9780367729240#toc

71	Dr.Punita Saxena		Efficiency evaluation and benchmarking of air carriers in India for the year 2016-17 using Data Envelopment Analysis(DEA)	2019	https://scholar.google.co.in/citations?user=XzHZIIAAAAAJ&hl=en#d=gs_md_cita-d&u=%2Fcitations%3Fview_op%3Dview_citation%26hl%3Den%26user%3DXzHZIIAAAAAJ%26citation_for_view%3DXzHZIIAAAAAJ%3AUebtZR9Y70C%26tzmom%3D-330
72	Dr.Rekha Mehrotra, Dr. Richa Sharma	Microbial Genetics: Transformation and Transduction	NA	2019	http://162.241.27.72/siteAdmin/dde-admin/uploads/2/PG_M.Sc._Microbiology_364%2021_Microbial%20Genetics_MSc%20Microbiology.pdf#page=3
73	Ms. Rableen Kaur Rao	Effect of Training and Development on Employees Performance/Human Resource People Process & Technology		2019	https://www.amazon.in/HUMAN-RESOURCE-PEOPLE-PROCESS-TECHNOLOGY/dp/8194116260
74	Dr. Nidhi Nijhawan Dhaka	Reliability Growth Analysis for Multi-release Open Source Software Systems with Change Point/ System Performance and Management Analytics, Springer(Book Chapter)	System Performance and Management Analytics, Springer(Book Chapter)	2019	https://scihub.se/10.1007/978-981-10-7323-6_12
75	Dr. Rajan Goyal ,Mansi Dhingra	Programming in Scilab	NA	2019	https://www.google.co.in/books/edition/Programming_in_Scilab/kxHRvQEACAAJ?hl=en
76	Dr. Nupur Gosain ,Dr Agyajit singh	Human Behavior at Work	NA	2019	https://books.google.co.in/books/about/Human_Behaviour_at_Work.html?id=wI4TEAAAQBAJ&redir_esc=y
77	Dr.Bimla Pawar		Charm and Benefits of Street Games-Past & Present Scenario'	2019	

78	Dr Payal Mago, Dr. Isha Gunwal	Plant Ecology and Environment science	NA	2019	
79	Ms. Himani Dua, Dr. Yogesh Pratap, Dr. Sneha Kabra		Comparative Analysis of Junctionless FinFET and Inverted Mode FinFET as Phosphine (PH ₃) Gas Sensor	2020	https://www.researchgate.net/publication/340893621_Comparative_Analysis_of_Junctionless_FinFET_and_Inverted_Mode_FinFET_as_Phosphine_PH_3_Gas_Sensor
80	Dr. Yogesh Pratap, Dr. Sneha Kabra		Performance analysis of ScAlN/GaN High Electron Mobility Transistor (HEMT) for biosensing application	2020	https://scihub.se/10.1109/icdcs48716.2020.243581
81	Dr. Sarul Malik	AI based Covid-19 analysis-A pragmatic approach		2020	https://link.springer.com/chapter/10.1007/978-3-030-55258-9_12
82	Dr. Sonal Singh	Carbon Based Electrocatalysts		2020	https://link.springer.com/chapter/10.1007/978-3-030-27161-9_12
83	Dr. Sonal Singh	Narrow Bandgap Semiconductors for Photoelectrochemical Water Splitting		2020	https://www.mrforum.com/product/9781644900734-4/
84	Dr. Sonal Singh	Nickel and Cobalt materials for Zinc batteries	NA	2020	https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119662433.ch3
85	Ms Reshma Sinha		A Study on Low Power Spintronics	2020	https://ieeexplore.ieee.org/document/9213013
86	Dr. Komal Chandiramani	Stereotypes based on Gender	NA	2020	
87	Ms. Deepali Bajaj and Ms. Urmil Bharti		Partial Migration for Re-architecting a Cloud Native Monolithic Application into Microservices and FaaS	2020	https://link.springer.com/chapter/10.1007/978-981-15-9671-1_9

88	Ms.Deepali Bajaj and Ms.Urmil Bharti		Medbot: Conversational Artificial Intelligence Powered Chatbot for Delivering Tele- Health after COVID-19	2020	https://sci-hub.se/10.1109/icces48766.2020.9137944
89	Ms.Abha Jain	Meta-heuristic and Evolutionary Computation: Algorithms and Applications	Comparison of Meta-heuristic with Evolutionary and Local Search Methods for Feature Selection	2020	https://www.springer.com/gp/book/9789811575709
90	Ms.Monika		NLP Based Machine Learning Approaches for Text Summarization	2020	https://sci-hub.se/10.1109/iccmc48092.2020.iccmc-00099
91	Ms.Monika		Cardiovascular Disease Classification Using Different Algorithms	2020	https://link.springer.com/cha/10.1007/978-981-15-7345-3_16
92	Ms.Monika		A Review on Various technique of Automatic Text Sumarization	2020	https://ieeexplore.ieee.org/abstract/document/9297641
93	Ms.Monika		A Survey on Deep Learning based Various Methods Analysis of Text Summarization	2020	https://sci-hub.se/10.1109/icict48043.2020.9112474
94	Ms.Saumya Chaturvedi	Emerging Technologies in Food Science/Optimization of process parameters for osmotic dehydration of apple slices	NA	2020	https://www.google.co.in/books/edition/Emerging_Technologies_in_Food_Science/HgDpDwAAQBAJ?hl=en&gbpv=1&dq=Optimization+of+process+parameters+for+osmotic+dehydration+of+apple+slices&pg=PA248&printec=frontcover
95	Ms.Saumya Chaturvedi	Emerging Technologies in Food Science/Exploitation of Unmarketable Potatoes for the preparation of Instant Custard powder with different flavors and their sensory evaluation	NA	2020	https://www.researchgate.net/publication/341838221_Exploitation_of_Unmarketable_Potatoes_for_the_Preparation_of_Instant_Custard_Powder_with_Different_Flavours_and_Their_Sensory_Evaluation

96	Ms.Vandana ,Ms. Prabhjot kaur Sabharwal and Ms. Chaynika Verma	Emerging Technologies in Food Science/Street Foods: Safety and Potential		2020	https://www.researchgate.net/publication/341850488_Street_Foods_Safety_and_Potential
97	Ms.Prabhjot kaur Sabharwal,Ms.Vandana Arya and Ms.Chaynika Verma	Emerging Technologies in Food Science/Traditional Foods: The Inheritance for Good Health		2020	https://www.researchgate.net/publication/341844899_Traditional_Foods_The_Inheritance_for_Good_Health
98	A. Ramachandraiah, L. P. S. Chigadannavar, R. Krishnappa, S. Venkatesh, S. Sivadas, S. Judith, Z. Quadri, P. Dey, M. Chinthala, D. Gola, N. Chauhan , R. K Bharti.	Prospect of biofuel production by fungus: Chapter-11, Fungi bio-prospects in sustainable agriculture, environment and nano-technology		2020	https://www.sciencedirect.com/science/article/pii/B9780128213940000111
99	P. Dey, D. Gola, N. Chauhan , R. K. Bharti, A. Malik	Mechanistic insight to bioremediation of hazardous metals and pesticides from water bodies by microbes/ Removal of emerging contaminants through microbial processes,		2020	https://link.springer.com/chapter/10.1007/978-981-15-5901-3_23

100	M. Kamboj, N. Chauhan , P. Goswami	Postharvest diseases in fruits and vegetables during storage/Packaging and Storage of Fruits and Vegetables Emerging Trends		2020	https://www.appleacademicpress.com/packaging-and-storage-of-fruits-and-vegetables-emerging-trends/9781771889872
101	Meenakshi Garg, Prabhjot Kaur Sabharwal , Sushmita Dey Sindhu	Edible coating for improvement of horticultural crops/Packaging and Storage of Fruits and Vegetables Emerging Trends		2020	https://www.appleacademicpress.com/packaging-and-storage-of-fruits-and-vegetables-emerging-trends/9781771889872