

## Supporting Documents

### 3.4.6

Number of books and chapters in edited volumes published

Sr. No.	Department	Supporting Documents
1.	Physical Sciences	<b>Publication Web-Links</b>
2.	Mathematical Sciences	
3.	Civil Engineering	
4.	Computer Science & Engineering	
5.	Mechanical Engineering	
6.	Electronics and Communication Engineering	
7.	Electrical Engineering	
8.	Food Science & Technology	
9.	Management & Hospitality	
10.	Humanities, Languages and Cultural Studies	
11.	IKGPTU Hoshiarpur Campus	
12.	IKGPTU Amritsar Campus	
13.	IKGPTU Mohali-I	

3.4.6 Number of books and chapters in edited volumes published per teacher during the year (15)											
3.4.6.1: Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year											
Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher	URL
<b>Physical Sciences</b>											
1	Rupinder Kaur, BirBikram Singh, Maninder Kaur, Manoj. K Sharma , Pushpendra. P Singh,		Study of 6,7Li induced reactions on 235,238U using Dynamical Cluster Decay Model	DAE symposium on nuclear physics	DAE symposium on nuclear physics	National	2023		IK Gujral Punjab Technical University, Kapurthala	DAE symposium on nuclear physics	<a href="http://symppnp.org/proceedings/67/B147">http://symppnp.org/proceedings/67/B147</a>
<b>Mathematical Sciences</b>											
2	Dr. Rajesh Kumar Narula	Engineering Mathematics-I				National	2023	978-93-5181-240-1	IKGPTU, Jalandhar	Sharma Publications, Jalandhar	
3	Dr. Rajesh Kumar Narula	Engineering Mathematics-III				National	2023	978-93-5181-272-2	IKGPTU, Jalandhar	Sharma Publications, Jalandhar	
<b>Civil Engineering</b>											
4	Dr.Rajiv Chauhan		Effet of crumb rubber on properties of concrete	Proceedings of the International UKIERI concrete congress	International UKIERI concrete congress	International	2023	978-93-5811-459-1	NIT Jalandhar	UKIERI concrete congress	
<b>Computer Science &amp; Engineering</b>											
5	Amit Verma and Raman Kumar	-	Efficient Pattern Mining Algorithms: A Study	CNRE-2021	CNRE-2021	International	2023	978-93-91355-11-1.	IKGPTU	IKGPTU	<a href="http://cnre2023.ptu.ac.in/CNRE21/5.pdf">http://cnre2023.ptu.ac.in/CNRE21/5.pdf</a>
6	Garima Garg and Raman Kumar	-	Analysis of Image Types, Compression Techniques and Performance Assessment Metrics: A review, in 3rd International Conference on Renewable Energy Potential for Sustainable Initiatives (REPSI-2022) February 03-04, 2022, organized by Department of Electrical & Electronics Engineering, Bharati Vidyapeeth's College of Engineering, A-4 Paschim Vihar, New Delhi, India.	3rd International Conference on Renewable Energy Potential for Sustainable Initiatives (REPSI-2022)	3rd International Conference on Renewable Energy Potential for Sustainable Initiatives (REPSI-2022)	International	2022	-	IKGPTU	IET India	<a href="https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4031725">https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4031725</a>
7	Garima Garg and Raman Kumar	-	Analysis of Different Image Compression Techniques: A Review,	5th International Conference on Innovative Computing and Communication (ICICC-2022)	5th International Conference on Innovative Computing and Communication (ICICC-2022)	International	2022	-	IKGPTU	Springer	<a href="https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4031725#:~:text=There%20are%20two%20types%20of,not%20identical%20to%20the%20original.">https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4031725#:~:text=There%20are%20two%20types%20of,not%20identical%20to%20the%20original.</a>
8	Raman Kumar, Sandeep Thakur and Harpreet Kaur Bajaj	-	Simulative Analysis and Performance Evaluation of various computations–Using Elliptic Curve Cryptography	International Conference on Computing, Networks and Renewable Energy (CNRE-2022)	International Conference on Computing, Networks and Renewable Energy (CNRE-2022)	International	2022	-	IKGPTU	IKGPTU	
9	Raman Kumar and Priyanka Rani	-	Enactment Analysis of Classification Method for Voting in Traffic Prediction	International Conference on Computing, Networks and Renewable Energy (CNRE-2022)	International Conference on Computing, Networks and Renewable Energy (CNRE-2022)	International	2022	-	IKGPTU	IKGPTU	
10	Madhu and Raman Kumar	-	Content-Based Image Retrieval: Feature Extraction Techniques and Similarity Metrics	2022 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS).	2022 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS).	International	2022	-	IKGPTU	IEEE	
<b>Mechanical Engineering</b>											
11	Amit Bansal	Advances in Microwave Processing for Engineering Materials				International	2022-23	9781-0032-48743	I.K. Gujral Punjab Technical University, Jalandhar	CRC Press	<a href="https://www.taylorfrancis.com/books/edit/10.1201/9781003248743/advances-microwave-processing-engineering-materials-amit-bansal-hitesh-vasudev/refId=2afc6f1e-c5bc-4082-b7a1-3d19ba7b6753&amp;context=ubx">https://www.taylorfrancis.com/books/edit/10.1201/9781003248743/advances-microwave-processing-engineering-materials-amit-bansal-hitesh-vasudev/refId=2afc6f1e-c5bc-4082-b7a1-3d19ba7b6753&amp;context=ubx</a>
<b>Electronics &amp; Communication Engineering</b>											
12	Sahil Nazir Pottoo, Amit Gupta, Rakesh Goyal, Monika Rani	Broadband Connectivity in 5G and Beyond	Next-Generation Optical Wireless System for 5G and Beyond	BOOK	BOOK	International	2022	978-3-031-06865-2	I K Gujral Punjab Technical University	I K Gujral Punjab Technical University	
13	Palvinder Singh Mann, Shailesh D. Panchal, Satvir Singh	Intelligent Green Communication Network for Internet of Things	Energy-efficient clustering protocol for IoT-based unmanned aerial vehicles	BOOK	BOOK	International	2023	9781003371526	I K Gujral Punjab Technical University	I K Gujral Punjab Technical University	

14	Palvinder Singh Mann, Satvir Singh	Computational Intelligence-Based Energy Efficient Clustering Protocol for Underground Wireless Sensor Networks	Harnessing the Internet of Things (IoT) for a Hyper-Connected Smart World	BOOK	BOOK	International	2023	9781003277347	I K Gujral Punjab Technical University	I K Gujral Punjab Technical University	
<b>Electrical Engineering</b>											
15	Dr Akhil Gupta		Implementation of an anti-windup control under partial shading for a photovoltaic grid interfaced system	IOP Conference Series: Earth and Environmental Science, vol. 1110, International conference on advance earth sciences and foundation engineering	International conference on advance earth sciences and foundation engineering	International	2023	1755-1315	IKG PTU Main campus Kapurthala	IOP Conference Series	<a href="https://iopscience.iop.org/article/10.1088/1755-1315/1110/1/012082/meta">https://iopscience.iop.org/article/10.1088/1755-1315/1110/1/012082/meta</a>
16	Dr Akhil Gupta		Performance Analysis of Stability indices during Transient condition in Photovoltaic system	Proc. Of 2022 IEEE 10th Power India International Conference (PIICON 2022)	Proc. Of 2022 IEEE 10th Power India International Conference (PIICON 2022)	National	2022	978-1-6654-5930-3	IKG PTU Main campus Kapurthala	IEEE	<a href="https://ieeexplore.ieee.org/document/10045153?denied=">https://ieeexplore.ieee.org/document/10045153?denied=</a>
17	Dr Akhil Gupta		Automatic observation and Detection of Fault for Solar Photovoltaic systems with Multilevel Inverter Topology	Proc. Of IEEE 2 <sup>nd</sup> edition Delhi Section Conference (DELCON 2023)	Proc. Of IEEE 2 <sup>nd</sup> edition Delhi Section Conference (DELCON 2023)	National	2022	Electronic ISBN:979-8-3503-2206-4	IKG PTU Main campus Kapurthala	IEEE	<a href="https://ieeexplore.ieee.org/document/10127357">https://ieeexplore.ieee.org/document/10127357</a>
18	Naveen Kumar Sharma	Smart Energy and Advancement in Power Technologies	Improved Dynamic Performance in Grid Connected Wind Energy System Using Dynamic Voltage Restorer	Smart Energy and Advancement in Power Technologies	International Conference on Smart Energy and Advancement in Power Technologies National Institute of	International	2023	ISBN : 978-981-19-4970-8	IKG PTU Main campus Kapurthala	Lecture Notes in Electrical Engineering book series (LNEE,volume 926), Springer	<a href="https://link.springer.com/chapter/10.1007/978-981-19-4971-5_11">https://link.springer.com/chapter/10.1007/978-981-19-4971-5_11</a>
19	Naveen Kumar Sharma		Performance Investigation of Solar-Wind Based Grid-Connected Hybrid System Under Nonlinear Load Condition		International Conference on Sustainable Technology for Power and Energy Systems (STPES)	International	2022	Electronic ISBN:978-1-6654-5915-0	IKG PTU Main campus Kapurthala	IEEE	<a href="https://ieeexplore.ieee.org/document/10006464">https://ieeexplore.ieee.org/document/10006464</a>
20	Y. S. Brar	--	<b>Load Flow Analysis Using MATLAB</b>	Students' Conference on Electrical, Electronics and Computer Science (SCEECS)	2022 IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS)	International	2022	Electronic ISBN:978-1-6654-1418-0	IKG PTU Main campus Kapurthala	IEEE	<a href="https://ieeexplore.ieee.org/document/9741005">https://ieeexplore.ieee.org/document/9741005</a>
21	Y. S. Brar	--	<b>Optimal Power Flow Using MATLAB</b>	Students' Conference on	Students' Conference on	International	2022	6654-1418-0	IKG PTU Main campus	IEEE	<a href="https://ieeexplore.ieee.org/document/9741042">https://ieeexplore.ieee.org/document/9741042</a>
<b>Management &amp; Hospitality</b>											
22	Harmeen Soch and Upasana Seth	Environment & Sustainable Development Goals: A Multidisciplinary Approach	Green Marketing Towards a More Sustainable Future: A Birds-Eye-View			National	2023	978-93-90885-83-1	I.K Gujral Punjab Technical University	Kautilya Publications	
23	Dr.Mandeep Kaur	Contemporary Issues and Emerging Dimensions in Finance, Accounting, General Economics, Banking and Management(2023)	A View of the Contribution of Financial Institutions to the Development and Growth of Entrepreneurship			International	2023	978-1-913482-15-2	I.K Gujral Punjab Technical University	Rubicon Publications	<a href="https://www.researchgate.net/publication/370419688_A_View_of_the_Contribution_of_Financial_Institutions_to_the_Development_and_Growth_of_Entrepreneurship">https://www.researchgate.net/publication/370419688_A_View_of_the_Contribution_of_Financial_Institutions_to_the_Development_and_Growth_of_Entrepreneurship</a>
24	Sanjeev Kumar Bansal(Co-editor)	Contemporary Issues and Emerging Dimensions in Finance, Accounting, General Economics, Banking and Management(2023)				International	2023	978-1-913482-15-2	I.K Gujral Punjab Technical University	Rubicon Publications, Bloomsbury Square, London, WC1A 2RP, England.	<a href="https://www.researchgate.net/publication/370398840_Contemporary_Issues_and_Emerging_Dimensions_in_Finance_Accounting_Economics_Banking_and_Management2023">https://www.researchgate.net/publication/370398840_Contemporary_Issues_and_Emerging_Dimensions_in_Finance_Accounting_Economics_Banking_and_Management2023</a>
25	Dr. Sanjeev Kumar Bansal(Co-author)	Emerging Issues in Banking and Finance	Landscape Analysis of Pharmaceutical Multinational Corporations (MNCs) in India			National	2023	978-93-56403-03-1	I.K Gujral Punjab Technical University	Bloomsbury Publishing India Pvt. Ltd	<a href="https://www.researchgate.net/publication/367283304_Landscape_Analysis_of_Pharmaceutical_Multinational_Corporations_MNCs_in_India">https://www.researchgate.net/publication/367283304_Landscape_Analysis_of_Pharmaceutical_Multinational_Corporations_MNCs_in_India</a>
26	Dr. Sanjeev Kumar Bansal(Co-author)	Contemporary Issues and Emerging Dimensions in Finance, Accounting, General Economics, Banking and Management(2023)	Counter Measures adopted in Taxation System To Prevent And Combat GST Evasion In India: An Analysis			International	2023	978-1-913482-15-2	I.K Gujral Punjab Technical University	Rubicon Publications, Bloomsbury Square, London, WC1A 2RP, England.	<a href="https://www.researchgate.net/publication/370399029_Counter_Measures_adopted_in_Taxation_System_To_Prevent_And_Combat_GST_Evasion_In_India_An_Analysis_Chapter_No3_Pp15-21_Co-author">https://www.researchgate.net/publication/370399029_Counter_Measures_adopted_in_Taxation_System_To_Prevent_And_Combat_GST_Evasion_In_India_An_Analysis_Chapter_No3_Pp15-21_Co-author</a>
27	Dr. Sanjeev Kumar Bansal(Co-author)	Contemporary Issues and Emerging Dimensions in Finance, Accounting, General Economics, Banking and Management(2023)	A Suggestive Framework for Effective Implementation of Forensic Accounting			International	2023	978-1-913482-15-2	I.K Gujral Punjab Technical University	Rubicon Publications, Bloomsbury Square, London, WC1A 2RP, England.	<a href="https://www.researchgate.net/publication/370399147_A_Suggestive_Framework_for_Effective_Implementation_of_Forensic_Accounting_Chapter_No13">https://www.researchgate.net/publication/370399147_A_Suggestive_Framework_for_Effective_Implementation_of_Forensic_Accounting_Chapter_No13</a>
28	Dr. Sanjeev Kumar Bansal(Co-author)	Contemporary Issues and Emerging Dimensions in Finance, Accounting, General Economics, Banking and Management(2023)	Sustainable Marketing In India: Need of the Hour			International	2023	978-1-913482-15-2	I.K Gujral Punjab Technical University	Rubicon Publications, Bloomsbury Square, London, WC1A 2RP, England.	<a href="https://www.researchgate.net/publication/370419686_Sustainable_Marketing_In_India_Need_of_the_Hour">https://www.researchgate.net/publication/370419686_Sustainable_Marketing_In_India_Need_of_the_Hour</a>

29	Dr. Sanjeev Kumar Bansal(Co-author)	Contemporary Issues and Emerging Dimensions in Finance, Accounting, General Economics, Banking and Management(2023)	Goods And Services Tax (GST) Evasion: An Analysis Of Mechanisms Adopted by Tax Evaders			International	2023	978-1-913482-15-2	I.K Gujral Punjab Technical University	Rubicon Publications, Bloomsbury Square, London, WC1A 2RP, England.	<a href="https://www.researchgate.net/publication/355486614_Stressed_Assets_and_Banking_Sector_in_India_Challenges_and_the_Debt_recovery_Mechanisms">https://www.researchgate.net/publication/355486614_Stressed_Assets_and_Banking_Sector_in_India_Challenges_and_the_Debt_recovery_Mechanisms</a>
30	Dr. Sanjeev Kumar Bansal(Co-author)	Contemporary Issues and Emerging Dimensions in Finance, Accounting, General Economics, Banking and Management(2023)	A View of the Contribution of Financial Institutions to the Development and Growth of Entrepreneurship			International	2023	978-1-913482-15-2	I.K Gujral Punjab Technical University	Rubicon Publications, Bloomsbury Square, London, WC1A 2RP, England.	<a href="https://www.researchgate.net/publication/370419688_A_View_of_the_Contribution_of_Financial_Institutions_to_the_Development_and_Growth_of_Entrepreneurship">https://www.researchgate.net/publication/370419688_A_View_of_the_Contribution_of_Financial_Institutions_to_the_Development_and_Growth_of_Entrepreneurship</a>
31	Dr. Sanjeev Kumar Bansal(Co-author)	Cooperative Banks: Tracing, Tracking, and Treating the Failures	Cooperatives as a Catalyst for Sustainability: Lessons Learned from Asian Models(2023)			International	2023	978-981-125-378-2	I.K Gujral Punjab Technical University	World Scientific Publishing Co Pte Ltd	<a href="https://www.worldscientific.com/worldscibooks/10.1142/12764#t=aboutBook">https://www.worldscientific.com/worldscibooks/10.1142/12764#t=aboutBook</a>
32	Dr. Sanjeev Kumar Bansal(Co-author)	Emerging Trends in Commerce & Management(2023)	Chitra Ramkrishna: 'Hall of Fame' to 'Hall of Shame'			National	2023	978-93-92239-84-7	I.K Gujral Punjab Technical University	P.K. Publishers & Distributors, Delhi	<a href="https://www.researchgate.net/publication/374083154_Chitra_Ramkrishna_'Hall_of_Fame'_to_'Hall_of_Shame'">https://www.researchgate.net/publication/374083154_Chitra_Ramkrishna_'Hall_of_Fame'_to_'Hall_of_Shame'</a>
33	Dr. Sanjeev Kumar Bansal(Co-author)	Emerging Trends in Commerce & Management(2023)	Forensic Accounting Investigation Techniques			National	2023	978-93-92239-84-7	I.K Gujral Punjab Technical University	P.K. Publishers & Distributors, Delhi	
34	Dr. Sanjeev Kumar Bansal(Co-author)	Embracing Change in Business, Management & Social Sciences	Anti-Profitteering Mechanism under the Goods and Services Tax: A Review			National	2022	978-93-90863-09-9	I.K Gujral Punjab Technical University	National Press Associates	<a href="https://www.researchgate.net/publication/362726967_Anti-Profitteering_Mechanism_under_the_Goods_And_Services_Tax_GST_A_Review">https://www.researchgate.net/publication/362726967_Anti-Profitteering_Mechanism_under_the_Goods_And_Services_Tax_GST_A_Review</a>
35	Dr. Sanjeev Kumar Bansal(Co-author)	Recent Advances in Management, Engineering and Applied Sciences(August 2022)	Forensic Accounting: A Fraud Prevention and Detection Method			National	2022	978-93-90863-17-4	I.K Gujral Punjab Technical University	Weser Books	
36	Dr. Roopali Batra	Contemporary Issues and Emerging Dimensions in Finance, Accounting, Economic, banking and Management	Impact of Covid 19 on MSME			International	2023	ISBN 978-1-913482-15-2	I.K Gujral Punjab Technical University	Rubicon Publications London England	<a href="https://www.researchgate.net/publication/370398840_Contemporary_Issues_and_Emerging_Dimensions_in_Finance_Accounting_Economics_Banking_and_Management2023">https://www.researchgate.net/publication/370398840_Contemporary_Issues_and_Emerging_Dimensions_in_Finance_Accounting_Economics_Banking_and_Management2023</a>
37	Dr. Roopali Batra	Contemporary Issues and Emerging Dimensions in Finance, Accounting, Economic, banking and Management	Linkages between Work-life Balance and Organisational Performance and Productivity			International	2023	ISBN 978-1-913482-15-2	I.K Gujral Punjab Technical University	Rubicon Publications London England	<a href="https://www.researchgate.net/publication/370398840_Contemporary_Issues_and_Emerging_Dimensions_in_Finance_Accounting_Economics_Banking_and_Management2023">https://www.researchgate.net/publication/370398840_Contemporary_Issues_and_Emerging_Dimensions_in_Finance_Accounting_Economics_Banking_and_Management2023</a>
38	Dr.Rajpreet Kaur	Human Resource Management and Organizational Behaviour.				National	2023	978-93-92595-09-7	I.K Gujral Punjab Technical University	Rishab Books	
39	Dr.Rajpreet Kaur	Organization Effectiveness and Change				National	2023	978-93-92899-22-5	I.K Gujral Punjab Technical University	Seva Books	
<b>Food Science &amp; Technology</b>											
40	Bhupinder Singh, Barinderjit Singh, Yashi Srivastava, Edidiong Etim	Research Methodology – A Perspective				National	2022	978-93-5515-632-7	IKGPTU	Book Rivers	<a href="https://www.amazon.in/Research-Methodology-Barinderjit-Srivastava-Rubinder/dp/9355156324">https://www.amazon.in/Research-Methodology-Barinderjit-Srivastava-Rubinder/dp/9355156324</a>
41	Barinderjit Singh, Bhupinder Singh, Reetu Palthania, Yashi Srivastava	Fundamentals of Food, Dairy and Environmental Microbiology				National	2022	978-93-5625-605-7	IKGPTU	Scientific International Publishing House	<a href="https://www.flipkart.com/fundamentals-food-dairy-environmental-microbiology/p/itm570458beba73a?pid=9789356256057&amp;lid=L:STBOK97893562560577ADR:DD&amp;marketplace=FLIPKART&amp;cmpid=content_book_8965229628_gmc">https://www.flipkart.com/fundamentals-food-dairy-environmental-microbiology/p/itm570458beba73a?pid=9789356256057&amp;lid=L:STBOK97893562560577ADR:DD&amp;marketplace=FLIPKART&amp;cmpid=content_book_8965229628_gmc</a>
42	Mushtaq Ahmad, Rohit Patawa, Barinderjit Singh, Ankit Jain	Statistical Process Control with Six Sigma				National	2022	978-93-5515-344-9	IKGPTU	Book Rivers	
43	Barinderjit Singh,	Fundamental of Total				National	2023	978-93-5515-379-1	IKGPTU	Book Rivers	
44	Barinderjit Singh	Economic Analysis for Business				National	2022	97893-5625-0628	IKGPTU	Scientific International Publishing House	
45	Barinderjit Singh	Management Information Systems				National	2022	97893-56252615	IKGPTU	Scientific International Publishing House	
46	Anita Gehlot Neeru Sidana Deepali Jawale Neetu Jain4 Bhaskar Pratap Singh and Barinderjit Singh		Technical analysis of crop production prediction using Machine Learning and Deep Learning Algorithms.	IEEE Xplore and 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), Chennai, India.	IEEE Xplore and 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), Chennai, India.	National	2022	978-1-6654-7413-9	IKGPTU	IEEE	<a href="https://ieeexplore.ieee.org/xpl/conhome/991400/0/proceeding?isnumber=9914005&amp;sortType=vo1-only_seq&amp;searchWithin=Technical%20analysis%20of%20crop%20production%20prediction%20using%20Machine%20Learning%20and%20Deep%20Learning%20Algorithms">https://ieeexplore.ieee.org/xpl/conhome/991400/0/proceeding?isnumber=9914005&amp;sortType=vo1-only_seq&amp;searchWithin=Technical%20analysis%20of%20crop%20production%20prediction%20using%20Machine%20Learning%20and%20Deep%20Learning%20Algorithms</a>

47	Barinderjit Singh* Rashmi S. Deshpande Gunjan Chhabra Mohd. Shaikhul Ashraf Shaik Vaseem Akram R. Raffik		Leaf Disease Detection Using Deep Neural Network	IEEE Xplore and 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), Chennai, India,	IEEE Xplore and 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), Chennai, India,	National	2022	978-1-6654-7413-9	IKGPTU	IEEE	<a href="https://ieeexplore.ieee.org/xpl/conhome/991400/0/proceeding?isnumber=9914005&amp;sortType=vol-only-;seq&amp;searchWithin=Leaf%20Disease%20Detection%20Using%20Deep%20Neural%20Network&amp;searchWithin=Leaf%20Disease%20Detection%20Using%20Deep%20Neural%20Network">https://ieeexplore.ieee.org/xpl/conhome/991400/0/proceeding?isnumber=9914005&amp;sortType=vol-only-;seq&amp;searchWithin=Leaf%20Disease%20Detection%20Using%20Deep%20Neural%20Network&amp;searchWithin=Leaf%20Disease%20Detection%20Using%20Deep%20Neural%20Network</a>
48	Javier Alanya-Arango, Joel Alanya-Beltran, Sathish Kumar Ravichandran, Barinderjit Singh, Archana Sasi, Durgaprasad Gangodkar		Internet of Things and Machine Learning based Intelligent Irrigation System for Agriculture	IEEE Xplore and 5th International Conference on Contemporary Computing and Informatics (IC3I),	IEEE Xplore and 5th International Conference on Contemporary Computing and Informatics (IC3I),	National	2022	979-8-3503-9826-7	IKGPTU		<a href="https://ieeexplore.ieee.org/xpl/conhome/10072015/proceeding?isnumber=10072297&amp;sortType=vol-only-;seq&amp;searchWithin=Internet%20of%20Things%20and%20Machine%20Learning%20based%20Intelligent%20Irrigation%20System%20for%20Agriculture">https://ieeexplore.ieee.org/xpl/conhome/10072015/proceeding?isnumber=10072297&amp;sortType=vol-only-;seq&amp;searchWithin=Internet%20of%20Things%20and%20Machine%20Learning%20based%20Intelligent%20Irrigation%20System%20for%20Agriculture</a>
49	Tiwari, Shivam; Singh, Barinderjit; Pachar, Sunita; Bharati, Raveendra Kumar; Cotrina-Aliaga, Juan Carlos; Kumar, Sarvesh		Analysis and Design A framework identifying Crop nutrients Using KNN Approach.	IEEE Xplore and 2022 2nd International Conference on Innovative Sustainable Computational Technologies (CISCT), Dehradun, India,	IEEE Xplore and 2022 2nd International Conference on Innovative Sustainable Computational Technologies (CISCT), Dehradun, India,	National	2022	978-1-6654-7416-0	IKGPTU		<a href="https://ieeexplore.ieee.org/abstract/document/10046541">https://ieeexplore.ieee.org/abstract/document/10046541</a>
50	Barinderjit Singh	Machine Learning Approaches for Better Management in Competitive Environment	A Comparative Analysis of the Role of Machine Learning in Making Effecting Decision Making			National	2023	9789356681910	IKGPTU	Blue Rose One	
51	Barinderjit Singh	Machine Learning Approaches for Better Management in Competitive Environment	Implications of Machine Learning Approaches for Achieving Productivity and Efficiency in Enhancing Profitability of the Business.			National	2023	9789356681910	IKGPTU	Blue Rose One	
52	Barinderjit Singh	Machine Learning Approaches for Better Management in Competitive Environment	The Critical Understanding of the application of Machine Learning Models in Creating Better Product.			National	2023	9789356681910	IKGPTU	Blue Rose One	
53	Barinderjit Singh	Application of Advertising Management				National	2023	97893-5515-1537	IKGPTU	Book Rivers	
54	Barinderjit Singh	Marketing Management Through Artificial Intelligence For Better Customer Engagement	AI and Deep Learning Methods for Creating Sustainable Supply Chain Management and Process			National	2023	97893-57041089	IKGPTU	Blue Rose One	
<b>HLCS</b>											
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