

### **3. QUALITY OF TEACHERS AND TEACHING**

**3 (c) No. of  
publications in  
conferences in the  
assessment year**

| Sri Guru Tegh Bahadur Institute of Management & IT                   |                    |  |  |                     |   |  |
|--|--------------------|--|--|---------------------|---|--|
| International/National Conference(Scopus) Record Aug 2023- July 2024 |                    |  |  |                     |   |  |
| Sno.   | Name of Faculty    | Paper Title  | Conference   | Date                | ISBN  | Indexing(WoS/Scopus/UGC care(category I or II)   |
| 1  | Jaspreet Kaur      | Machine Learning based Tomato Leaf Disease Detection   | Advances in Computing, Communication Control and Networking 2023                               | 15th -16th Dec,2023 | 979-8-3503-3086-1                                   | IEEE   |
| 2  | Ms. Ritinder Kaur  | Comprehending SMOTE adaptations to alleviate imbalance in Intrusion Detection Systems                      | International Conference on Electronics and Sustainable Communication Systems                  | 06-08 July 2023     | 979-8-3503-0009-3                                   | IEEE, Scopus                                     |
| 3  | Ayeena Bhalla      | An Agglomeration of Hinglish Datasets and Frequency Distribution of Hinglish Text                          | 4th International Conference on Computing and Communication Networks(ICCCNet-2024)             | May,2024            | Accepted  | Springer LNNS series indexed by Scopus, Ei, WoS, |
| 4  | Ayeena Bhalla      | An efficient model to predict the presence of Hinglish Text in Youtube data                                | International Conference on Advances in Computation, Communication &IT                         | Nov.2023            | DOI:<br>10.1109/ICAICCIT<br>60255.2023.104658<br>21 | scopus   |
| 5  | Rachna Singh       | Addressing Security Threats and Challenges of Data in Cloud computing                                      | International Conference on Communication, Computing and Energy Efficient Technologies         | July,2024           | awaited   | scopus   |
| 6  | Rachna Singh       | Enhancing Cloud Security Against DDoS Attacks-A comprehensive Review of ML and DL-Based Defence mechanisms | International Conference on Communication, Computing and Energy Efficient Technologies         | July,2024           | awaited   | scopus   |
| 7  | Dr Ratandeeep Kaur | A Review of Cloud Storage Architecture   | National Conference on Digital transformation through intelligent computing system and Methods | Dec,2023            | 2350-0557   | scopus   |

  
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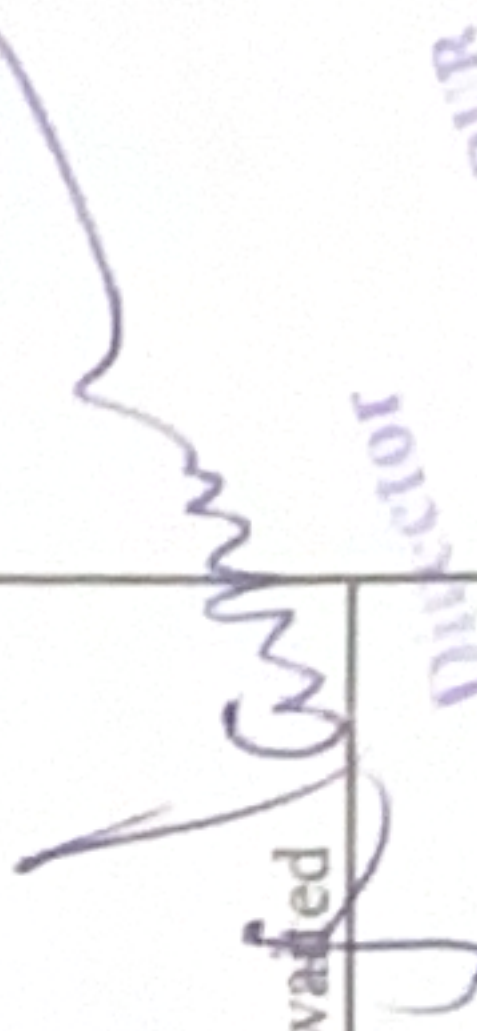
### International/National Conference Record Aug 2023- July 2024

| Sno. | Name of Faculty  | Paper Title   | Conference   | Date              | ISBN              |
|------|------------------|---|--|-------------------|-------------------|
| 1    | Nimrandeep Kaur  | Ethical Dilemmas in Green washing : balancing truthfulness and persuasion         | Green Strategies for sustainable development   | 16-17 May 2024    | 978-81-957093-8-0 |
| 2    | Dr Sumeet kaur   | Time Management : An effective tool for the survival of the business              | Building the bridge between cross cultural advancements: International conference by Dominion university<br>Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat | 26-27th July 2024 | awaited           |
| 3    | Dr Sumeet kaur   | CSR and sustainability with context to Indian Businesses                          | Revisiting business , education, communication with an emphasis on sustainable development   | 27th July 2024    | 978-93-340-8248-7 |
| 4    | Dr Sumeet kaur   | Study of banking operations and administration                                    | Green Strategies for sustainable development   | 29th Feb 2024     | awaited           |
| 5    | Dr Sumeet kaur   | Sustainability issues and recommendations: a thorough examination                 | Green Strategies for sustainable development   | 16-17 May 2024    | 978-81-957093-8-0 |
| 6    | Jaspreet Kaur    | Green Marketing and Sustainable Development                                       | Green Strategies for sustainable development   | 16-17 May 2024    | 978-81-957093-8-0 |
| 7    | Dilpreet Kaur    | Green Marketing: Policies and Practices for sustainable development               | Green Strategies for sustainable development   | 16-17 May 2024    | 978-81-957093-8-0 |
| 8    | Dr. Supreet Kaur | Sustainable development management: Problems and their solutions                  | Green Strategies for sustainable development   | 16-17 May 2024    | 978-81-957093-8-0 |
| 9    | Ms. Navjot Kaur  | Education's function in creating and preserving environmental sustainability      | Green Strategies for sustainable development   | 16-17 May 2024    | 978-81-957093-8-0 |
| 10   | Ms. Navjot Kaur  | Sustainability issues and recommendations: a thorough examination                 | Green Strategies for sustainable development   | 16-17 May 2024    | 978-81-957093-8-0 |
| 11   | Ripleen kaur     | Ethical Dilemmas in Green washing : balancing truthfulness and persuasion         | Green Strategies for sustainable development   | 16-17 May 2024    | 978-81-957093-8-0 |
| 12   | Ayeena Bhalla    | Sentiment Analysis on Social Media  | Green Strategies for sustainable development   | 16-17 May 2024    | 978-81-957093-8-0 |
| 13   | Rachna Singh     | Sustainability and Sustainable Development research around the world              | Green Strategies for sustainable development   | 16-17 May 2024    | 978-81-957093-8-0 |
| 14   | Rachna Singh     | Data Visualization Techniques   | Green Strategies for sustainable development   | 16-17 May 2024    | 978-81-957093-8-0 |
| 15   | Dr. Supreet Kaur | Environmental portrait: A study on issues with effective solutions                | Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat   | 27th July, 2024   | 978-93-340-8248-7 |
| 16   | Ms. Aditi Sdhana | Green Strategies: A step towards corporate social responsibility & sustainability | Green Strategies for sustainable development   | 16-17 May 2024    | 978-81-957093-8-0 |

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|    |                         |  |  |                 |                   |
|----|-------------------------|--|--|-----------------|-------------------|
| 17 | Ms. Aditi Sdhana        | CSR and sustainability with context to Indian Businesses<br>A study on growing importance of social media marketing in today's world | Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat             | 27th July 2024  | 978-93-340-8248-7 |
| 18 | Amarpreet Kaur          | Understanding consumer cortinuanse intentions to adopt OTT services  | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 19 | Amarpreet Kaur          |  | Seeds  | Nov 2023        | 979-81-457093-8-0 |
| 20 | Amarpreet Kaur          | Impact of social media marketing on small businesses   | Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat             | 27th july, 2024 | 978-93-340-8248-7 |
| 21 | Inderpreet Kaur         | A study on growing importance of social media marketing in today's world   | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 22 | Dr. Amanpreet Kaur      | Role of Social Media and Green Marketing on Green Consumption Behavior   | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 23 | Dr. Amanpreet Kaur      | Present Dynamics and future innovations in Electric Vehicles   | Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat             | 27th july, 2024 | 978-93-340-8248-7 |
| 24 | Inderpreet Kaur         | Impact of social media marketing on small businesses   | Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat             | 27th july, 2024 | 978-93-340-8248-7 |
| 25 | Ms. Divya Verma         | Sentiment Analysis of Twitter Data Using Naive Bayes Algorithm   | Youth Empowerment through Skill acquisition(YETSA) : Opportunities and Challenges for Viksit Bharat      | 27th July 2024  | 978-93-340-8248-7 |
| 26 | Ms. Divya Verma         | Green Strategies for Sustainable Development: Leveraging Information Technology  | Green Strategies for Sustainable Development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 27 | Dr. Ashmeet Kaur Duggal | A Comprehensive Study on Predictive Models for Parkinson's Disease   | Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat             | 27th july, 2024 | 978-93-340-8248-7 |
| 28 | Dr. Ashmeet Kaur Duggal | AI Revealed: How to Identify Machine - Written Essays?   | Green Strategies for Sustainable Development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 29 | Prof.(Dr.)Navneet Kaur  | Time Management : An effective tool for the survival of the business   | Building the bridge between cross cultural advancements: International conference by Dominion university | 26-27th july    | awarded           |
| 30 | Rachna Singh            | Internet of Things in Healthcare   | Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat             | 27th july, 2024 | 978-93-340-8248-7 |
| 31 | Harsimran Kaur          | Education's function in creating and preserving environmental sustainability   | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 32 | Harsimran kaur          | Sustainability issues and recommendations: a thorough examination  | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |

  
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|----|--------------------|--|---|-----------------|-------------------|
| 33 | Jaspreet kaur      | Transfer Learning Based Vegetable Disease Detection Analysis                 | Advances in Computing, Communication and Networking – (ICAC2N-2024)                               | May, 2024       | Accepted          |
| 34 | Jaspreet kaur      | Ethical Implications of Facial Recognition Technology                        | Green Strategies for sustainable development  | 16-17 May 2024  | 978-81-957093-8-0 |
| 35 | Nehu Gumber        | The impact of IT enabled collaboration tools on cross cultural teams         | Building a bridge of cross cultural advancements: International conference by Dominion university | 26th-27th july  | awaited           |
| 36 | Nehu Gumber        | Classification of different types of soil using AI based techniques          | Building a bridge of cross cultural advancements: International conference by Dominion university | 26th-27th july  | awaited           |
| 37 | Nehu Gumber        | Pneumonia Detection using CNN  | Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat      | 27th July, 2024 | 978-93-340-8248-7 |
| 38 | Ms Astha Dhupar    | Present Dynamics and future innovations in Electric Vehicles                 | Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat      | 27th July, 2024 | 978-93-340-8248-7 |
| 39 | Ms Astha Dhupar    | Environmental sustainability in Ecommerce                                    | Green Strategies for sustainable development  | 16-17 May 2024  | 978-81-957093-8-0 |
| 40 | Ms Simranjeet Kaur | Green Financing : A step towards Sustainable Development                     | Green Strategies for sustainable development  | 16-17 May 2024  | 978-81-957093-8-0 |
| 41 | Kulneet kaur       | Green Marketing: An emerging approach to sustainable development             | Green Strategies for sustainable development  | 16-17 May 2024  | 978-81-957093-8-0 |
| 42 | Dr. Ratandeep Kaur | The Role of Green Strategies in Enhancing National Performance on SDGs       | Green Strategies for Sustainable Development  | 16-17 May 2024  | 978-81-957093-8-0 |
| 43 | Ms. Harsimran Kaur | Sustainability issues and recommendations: a thorough examination            | Green Strategies for sustainable development  | 16-17 May 2024  | 978-81-957093-8-0 |
| 44 | Ms. Navjot Kaur    | Education's function in creating and preserving environmental sustainability | Green Strategies for sustainable development  | 16-17 May 2024  | 978-81-957093-8-0 |
| 45 | Ms. Jaspreet Kaur  | CSR and sustainability with context to Indian Businesses                     | Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat      | 27th July, 2024 | 978-93-340-8248-7 |
| 46 | Ms. Mansi Ahuja    | Corporate Sustainability Initiatives   | Green Strategies for Sustainable Development  | 16-17 May 2024  | 978-81-957093-8-0 |
| 47 | Ayeena Bhalla      | Role of Artificial Intelligence in Agriculture                               | Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat      | 27th july, 2024 | 978-93-340-8248-7 |
| 48 | Ritinder Kaur      | A deep dive into the Internet of Things                                      | Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat      | 27th july, 2024 | 978-93-340-8248-7 |

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|----|-----------------------|--|--|-----------------|-------------------|
| 49 | Harleen Bagga         | Sustainable development management: Problems and their solutions   | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 50 | Amandeep Kaur         | Strategies for green marketing interventions and their impact on sustainable development : A conceptual Paper          | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 51 | Harjot Kaur           | Sustainability and Circular Economy : A holistic examination of principles, practices and Implementantation strategies | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 52 | Dr.Sumeet Kaur        | The public perception of green marketing in the Indian Market  | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 53 | Harmeet kaur          | recent advances in Environmentally friendly technology towards fostering sustainable development                       | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 54 | Dr. Divya Sharma      | Environmental sustainability in Ecommerce  | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 55 | Ms. Jasdeep Kaur      | Role of fashion apparel industry towards sustainable practices   | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 56 | Dr. Bipasha Chaudhary | WTO and Green Initiatives  | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 57 | Dr. Raj Kumar         | Green Strategies for Sustainable Development: Leveraging Information Technology  | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 58 | Swati Gupta           | E-Recruitment smart resume parsing architecture using named entity recognition   | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 59 | Pracbhjot Kaur        | Generative artificial intelligence in E-Commerce   | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 60 | Harleen Bagga         | Generative artificial intelligence in E-Commerce   | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 61 | Ritinder Kaur         | Internet of Things   | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 62 | Jaspreet kaur         | A Study of Cyber Security Challenges and its emerging trends on latest techniques                                      | Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat | 27th July, 2024 | 978-93-340-8248-7 |
| 63 | Swati Gupta           | Generative artificial intelligence in E-Commerce   | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 64 | Dr.Ratandeep Kaur     | The Role of Green Strategies in Enhancing National Performance on SDGs   | Green Strategies for sustainable development   | 16-17 May 2024  | 978-81-957093-8-0 |
| 65 | Mandeep Kaur          | Role of CSR as a catalyst to achieve Sustainable Development Goals in the Indian Context                               | Youth empowerment through skill acquisition : opportunities and challenges for viksit bharat | 27th July, 2024 | 979-8-3503-3086-7 |
| 66 | Ripleen kaur          | Impact of Information Technology on Business:Research Focused in India   | Future Trends in Business: Knowledge, Skills, Sustainability, Innovation and Technology      | May, 2024       | awaited           |

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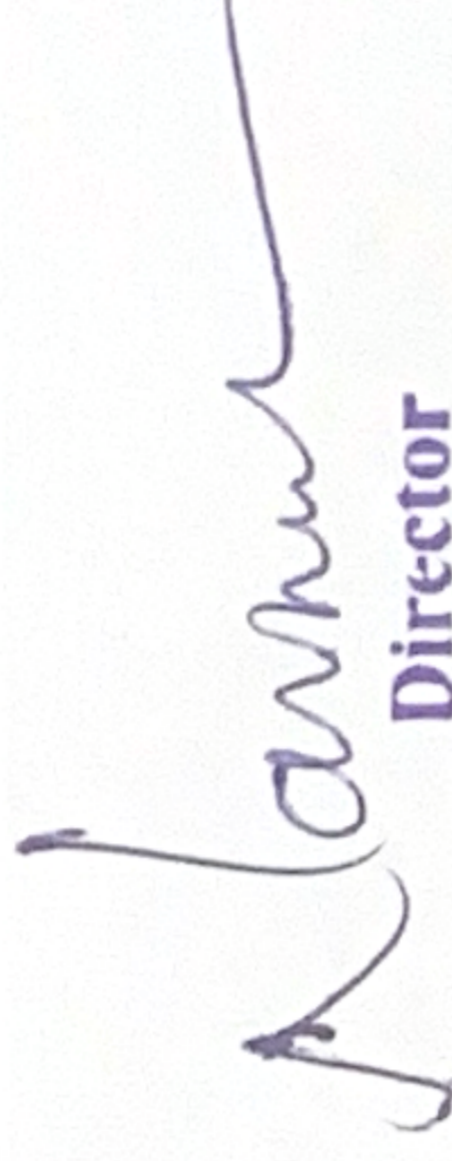
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**Patent Publications Record Aug 2023- July 2024**

| <b>S.No</b> | <b>Name of Faculty</b> | <b>Title of Chapter</b>  | <b>Name of Publication House</b> | <b>Year</b> | <b>ISBN Number</b>                   | <b>Category i.e Complete Book/Edited Book/Book Chapter/Patent</b> |
|-------------|------------------------|--|----------------------------------|-------------|--------------------------------------|---|
| 1           | Dr. Raj Kumar          | Patent - An IOT based Advanced control management system for smart farming that produces maximum crop in minimum financing | Indian Patent office             | 09/07/24    | 202421054740 JOURNAL NUMBER -32/2024 | Patent  |
| 2           | Nehu Gumber            | Patent - An IOT based Advanced control management system for smart farming that produces maximum crop in minimum financing | Indian Patent office             | 09/07/24    | 202421054740 JOURNAL NUMBER -32/2024 | Patent  |

  
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