

Total Publications of faculty in year 2023-24

Quality of Teachers and Teaching

	No	Details	Marks
1. No. of publications in WoS/SCOPUS/UGC-CARE (Category-I) listed journals in the assessment year	21	<ol style="list-style-type: none"> 1. “Deep Reinforcement Learning: Bridging the Gap with Neural Networks” Scopus Journal; (2024). <i>International Journal of Intelligent Systems and Applications in Engineering</i>, 12(15s), 576 . https://ijisae.org/index.php/IJISAE/article/view/4792: ISSN:2147-6799. Published: 07.02.2024 2. “Decentralized and Trustworthy Connectivity in IoT through Blockchain-Enabled Secure Data Sharing over Wireless Networks”. Scopus Journal (2024).. <i>International Journal of Intelligent Systems and Applications in Engineering</i>, 12(21s), 274–282. https://ijisae.org/index.php/IJISAE/article/view/5419. ISSN:2147-6799 Published: 26.03.2024 3. “Enhancing Financial Fraud Detection in Banking Systems: Integrating IoT, Deep Learning, and Big Data Analytics for Real-time Security.” Scopus Journal <i>International Journal of Intelligent Systems and Applications in Engineering</i> Aruna Kolukulapalli, Amit Verma, Dharmesh Dhabliya, B. R. C. S. A. M. M. E. M. . (2024)., 12(21s), 283–290. https://ijisae.org/index.php/IJISAE/article/view/5420 ISSN:2147-6799. Published: 26.03.2024 4. “Deep Learning methods enable image enhancement advances” Laser Focus World Journal. June 5, 2024. SCIE Journal. ISSN 1043-8092 https://www.laserfocusworld.com/detectors-imaging/article/55056066/deep-learning-methods-enable-image-enhancement-advances 5. Suneel S., Sharma, D., Choudhary A., Kaur, D. et. al, ‘IoT- Driven Educational Assessment: Exploring Machine Learning Techniques for Adaptive Evaluation Systems’, Int. J. Educational Administration: Theory and Practice, Vol. 30, No.5, (5949-5959), 2024, Doi: 10.53555/kuey.v30i5.3885 6. Suneel S., Sharma, D., Choudhary A., Kaur, D. et. al, ‘IoT- Driven Educational Assessment: Exploring Machine Learning Techniques for Adaptive Evaluation Systems’, Int. J. Educational Administration: Theory and Practice, Vol. 30, No.5, (5949-5959), 2024, Doi: 10.53555/kuey.v30i5.3885 7. Aashish Bhardwaj, Anu Gupta and Samira Tawangar (2024), “CSR in engineering education: evidences from India and abroad”, International Journal of Business Innovation and Research, 	

			<p>Inderscience, Volume 34, No. 1, pp. 19-40. [ISSN No 1751-0252] [Scopus (Elsevier) Indexed].</p> <p>8. Aashish Bhardwaj and Vikas Kumar (2024), "Challenges in online collaboration to augment Industry 4.0", <i>International Journal of Technology Policy and Management</i>, Inderscience, Volume 24, No. 1, pp. 71-92. [ISSN No. 1468-4322, DOI: 10.1504/IJTPM.2024.135977] [Scopus (Elsevier) Indexed].</p> <p>9. Aashish Bhardwaj and Anu Gupta (2023), "Role of Video Lectures in Engineering Education", <i>International Journal of Educational Reform</i>, Sage Journals, Volume 32, Issue 2, pp. 208-229. [ISSN No. 1056-7879, DOI: 10.1177/IJER.2022.10567879221142548] [Scopus (Elsevier) Indexed].</p> <p>10. P. Narang, A. V. Singh, and H. Monga, "Integrating Metaheuristics and Two-Tiered Classification for Enhanced Fake News Detection with Feature Optimization," <i>EAI Endorsed Transactions on Scalable Information Systems</i>, vol. 11, no. 6, Apr. 2024. [Online]. [doi: https://doi.org/10.4108/eetsis.5069]</p> <p>11. P. Narang, A. V. Singh, and H. Monga, "Enhanced detection of fabricated news through sentiment analysis and text feature extraction," <i>International Journal of Information Technology</i>, vol. 16, pp. 3891-3900, 2024. [doi: 10.1007/s41870-024-01971-2]</p> <p>12. P. Narang, A. V. Singh, and H. Monga, "Sentiment score-based classification for fake news using machine learning and LSTM-BiLSTM," <i>Soft Computing</i>, pp. 1-18, 2024. [DOI: 10.1007/s00500-024-09884-9]</p> <p>13. Nandi, B. P., Singh, G., Jain, A., & Tayal, D. K. (2024). Evolution of neural network to deep learning in prediction of air, water pollution and its Indian context. <i>International Journal of Environmental Science and Technology</i>, 21(1), 1021-1036.</p> <p>14. Rajiv Chopra, Roses are Red, Violets are Blue, Deep Learning can Recognize Objects for you", <i>NovyiMir Research Journal</i>, Vol. 9, issue 1, pp40-52, Jan. 2024, doi: 16.10098.NMRJ.2024.V9 1.256342.37833 [UGC CareGroup-II, Web of Science Group, ISSN No.: 0130-7673).</p> <p>15. A research paper titled "Face Tracking for Road Safety using Computer Vision" in 2nd International Conference on Computer, Electronics, Electrical Engineering and their applications (IC2E3 24), 6th -7th June, organized by NIT, Uttarakhand. IEEE</p> <p>16. A research paper titled "Sentinel Analysis and visualization of post-covid impact on child behavioural using Machine Learning" in 4th International Conference on ICT for Digital, Smart and Sustainable Development (ICIDSSD 24), Springer organized by Jamia Hamdard, New Delhi.</p> <p>17. Ankita Sharma and Udayan Ghose, Toward Machine Learning Based Binary Sentiment Classification of Movie Reviews for Resource Restraint Language (RRL)—Hindi, <i>IEEE Access</i>, vol. 11, pp. 58546-58564, 2023, DOI: 10.1109/ACCESS.2023.3283461.</p> <p>18. Ankita Sharma and Udayan Ghose, "Deep Learning Based Bi-Polar Sentiment Classification of Movie Reviews in Hindi" <i>Journal of Statistics & Management Systems</i>, vol.27, pp. 59–86, 2024. DOI:10.47974/JSMS-1030 .</p> <p>19. Ankita Sharma and Udayan Ghose, "Using Stacking Ensemble Based Bipartite Sentiment Classification of Hindi Movie Review Text," <i>International Journal of Engineering Trends and Technology (IJETT)</i>, vol.72(5), pp. 332-345, 2024., DOI:10.14445/22315381/IJETT-</p>
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			<p>V72I5P134.</p> <p>20. Ankita Sharma, Udayan Ghose, "Towards Stacking Ensemble-based Fine-Grained Hostile Class Classification (FGHCC) of Hindi Posts," International Journal of Engineering Trends and Technology, vol. 71, no. 10, pp. 191-204, 2023. DOI: 10.14445/22315381/IJETT-V71I10P218.</p> <p>21. Sodhi, Inderjeet Singh, Mankirat Kaur, and Jaskirat Kaur. "Policy and Infrastructure for Data Privacy and Data Protection in South Indian States: Issues and Prospects." Indian Journal of Public Administration (2024): 00195561241271579.</p>	
2.	No. of publications in conferences in the assessment year			
	Indexed by WoS/SCOPUS/UGC-CARE (Category-I)	53	<ol style="list-style-type: none"> 1. Suicide Detection using Twitter Sentiment Analysis in INDIACom, an IEEE international conference scheduled to be held during 28th Feb. - 01st March, 2024 at Bharati Vidyapeeth, New Delhi (INDIA). ISSN No.0973-7 529, ISBN-978-93-80544-48-9 2. From Text to Treatment: An Overview of Artificial Intelligence Chatbots in Healthcare in INDIACom, an IEEE international conference scheduled to be held during 28th Feb. - 01st March, 2024 at Bharati Vidyapeeth, New Delhi (INDIA). ISSN No.0973-7529,ISBN-978-93-80544-48-9 3. From Fiction to Miracles: An Analysis of 3D Printed Organs in INDIACom, an IEEE international conference scheduled to be held during 28th Feb. - 01st March, 2024 at Bharati Vidyapeeth, New Delhi (INDIA). ISSN No.0973-7529, ISBN-978-93-80544-48-9 4. A Dual-Action Approach to Mosquito Control: Harnessing Mosquitoes Affinity for Light with Metofluthrin's Lethality in INDIACom, an IEEE international conference scheduled to be held during 28th Feb. - 01st March, 2024 at Bharati Vidyapeeth, New Delhi (INDIA). ISSN No.0973-7529, ISBN-978-93-80544-48-9 5. Educating a robot to walk on Mars using Artificial Intelligence in INDIACom, an IEEE international conference scheduled to be held during 28th Feb. - 01st March, 2024 at Bharati Vidyapeeth, New Delhi (INDIA). ISSN No.0973-7529, ISBN-978-93-80544-48-9 6. FPGA Potential: From the Fundamentals to Advance Programming Techniques in INDIACom, an IEEE international conference scheduled to be held during 28th Feb. - 01st March, 2024 at Bharati Vidyapeeth, New Delhi (INDIA). ISSN No.0973-7529, ISBN-978-93-80544-48-9. 7. Exploring the Effectiveness of Deep Reinforcement Learning for Autonomous Robot Navigation in 11th 	

			<p>International IEEE Conference on Reliability, Infocom Technologies and Optimization, ICRITO - 2024 (Trends and Future Directions) conducted on 14-15 March, 2024 in AMITY Noida.</p> <p>8. Smart Conversations: Enhancing User Engagement through NLP in IoT Environments in 11th International IEEE Conference on Reliability, Infocom Technologies and Optimization, ICRITO - 2024 (Trends and Future Directions) conducted on 14-15 March, 2024 in AMITY Noida.</p> <p>9. Design and Implementation of a Multi-Variable statistical analysis model for predicting Socio-Economic impacts on People's Expectancy. FICTA-2024 conference in hybrid mode to be organized by AI and Data Science (AI&DS) Research Group, London Metropolitan University, London, United Kingdom during 06-07 June 2024.</p> <p>10. 2) Paper published in RMKMATE 2023 "Lead free pervoskite solar cells:optimising thickness with shifted work function using SCAPS-1D" HELD ON 1-2 NOVEMBER 2023 AT CHENNAI,INDIA(ISBN 979-8-3503-0571-5)</p> <p>11. Paper published in ISDA 2023 Springer"Machine Learning techniques for VLSI Circuit Design" DOI:https://doi.org/10.1007/978-3-031-64847-2_17 (ISBN978-3-031-64847-2)</p> <p>12. Paper published atICICC2024 "Diagnosis of Polycystic Ovary Syndrome using feature selection based Machine learning algorithms"(ISBN978-981-97-4228-8)</p> <p>13. Paper presented at international seminar held on 19th May,2024 at Kaithal,Haryana "Improving Predictive Accuracy in VLSI Circuits Design with Synthetic Data Generation"</p> <p>14. Paper Presented "Smart Home Automation: Empowering IoT Integration" In International Conference on Advancement in Science, Technology and Management (ICASTM 2024). April 2024 (ISBN: 978-81-971821-2-9).</p> <p>15. Paper Presented. "Unleashing the potential : Compliance standards using cloud computing " . In International Conference on Futuristic trends in Science, Engineering and Management (ICFTSEM 2024). Feb 2024 .(ISBN:978-81-967303-4-5)</p>	
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			<p>16. Paper Presented "Exploring the Potential of Aurduino and Ultrasonic Sensor Integration in Radar" In International Conference on Advancement in Science, Technology and Management (ICASTM 2024). April 2024 (ISBN: 978-81-971821-2-9).</p> <p>17. 2.Paper Presented. "Unleashing the potential : Compliance standards using cloud computing " . In International Conference on Futuristic trends in Science, Engineering and Management (ICFTSEM 2024). Feb 2024 .(ISBN:978-81-967303-4-5)</p> <p>18. Paper presented on "IOT based soldier tracking and health indication system" IEEE PUBLICATION</p> <p>19. Paper presented on " Advancement in Wireless Communication: A Comparative Analysis of OFDM and NOMA techniques in 5G Networks" in ICAIN-2024</p> <p>20. Paper on " Performance Enhancement of Downlink NOMA Networks using Intelligent Reflecting Surface"</p> <p>21. Paper published in ICECSP 2024,D Tuteja,R Dhand et al"Automated Signature verification in bank cheque processing using siamese and convolution neural network" Held at NIT Delhi,Aug8 -10 2024(ISBN No. 979-8-3503-6459-0)</p> <p>22. Paper published in RMKMATE 2023 ,Raman Dhand,Disha Tuteja et. al."Lead free pervoskite solar cells:optimising thickness with shifted work function using SCAPS-1D" HELD ON 1-2 NOVEMBER 2023 AT CHENNAI,INDIA(ISBN 979-8-3503-0571-5)</p> <p>23. Paper published in ICECSP 2024,D Tuteja,R Dhand et al"Automated Signature verification in bank cheque processing using siamese and convolution neural network" Held at NIT Delhi,Aug8 -10,2024(ISBN No. 979-8-3503-6459-0)</p> <p>24. Paper published in RMKMATE 2023 ,Raman Dhand,Disha Tuteja et. al."Lead free pervoskite solar cells:optimising thickness with shifted work function using SCAPS-1D" HELD ON 1-2 NOVEMBER 2023 AT CHENNAI,INDIA(ISBN 979-8-3503-0571-5)</p> <p>25. Singh, Mahender, Manisha Mittal, Prachi Dewan, Avneet Kaur, Gurleen Kaur, and Ankur Gupta. "From Text to Treatment: An Overview of Artificial Intelligence Chatbots in Healthcare." In 2024 11th International Conference on Computing for Sustainable Global Development (INDIACom), pp. 690-696. IEEE, 2024.</p> <p>26. Dewan, Prachi, Mahender Singh, Manisha Mittal, Harjot</p>	
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			<p>Kaur, and Neeraj Gandhi. "From Fiction to Miracles: An Analysis of 3D Printed Organs." In 2024 11th International Conference on Computing for Sustainable Global Development (INDIACom), pp. 517-523. IEEE, 2024.</p> <p>27. Singh, Mahender, Prachi Dewan, Manisha Mittal, Ankit Kumar, and Abhinav Mishra. "Suicide Detection using Twitter Sentiment Analysis." In 2024 11th International Conference on Computing for Sustainable Global Development (INDIACom), pp. 808-813. IEEE, 2024.</p> <p>28. Mittal, Manisha, Prachi Dewan, Tanisha Panesar, and Mahender Singh. "Educating a Robot to Walk on Mars using Artificial Intelligence." In 2024 11th International Conference on Computing for Sustainable Global Development (INDIACom), pp. 1137-1143. IEEE, 2024.</p> <p>29. Mittal, Manisha, Mahender Singh, Prachi Dewan, and Prabhmeet Singh. "A Dual-Action Approach to Mosquito Control: Harnessing Mosquitoes Affinity for Light with Metofluthrin's Lethality." In 2024 11th International Conference on Computing for Sustainable Global Development (INDIACom), pp. 303-308. IEEE, 2024</p> <p>30. Singh, S.K., Anand, B.S., Bhatia, A. and Singh, Gurmeet , 2023, September. A Novel Approach for Infant Cry Classification Using Transformer Models. In 2023 IEEE 2nd International Conference on Industrial Electronics: Developments & Applications (ICIDeA) (pp. 631-638). IEEE., Year of Publication: 2023 , Publisher : IEEE , Page Nos : (pp. 631-638).</p> <p>31. Gurmeet Singh et. al , "A Comparative Analysis of big data analytics in cloud computing presented in 2023, 12th International Conference on Soft Computing for Problem Solving - SocProS 2023, to be held during August 11 - 13, 2023, Indian Institute of Technology, Roorki, India. Year of Presentation 2023 , Publisher : Springer</p> <p>32. Gurmeet Singh et. al , " IOT Based soldier tracking and</p>	
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			<p>health indication system. ” published in 2023 9th IEEE International Conference on Signal Processing and Communication (ICSC 2023), which is to be held in Hybrid Mode during December 21-23, 2023 at Jaypee Institute of Information Technology, Noida, India. Year of Publication: 2023 , Publisher : IEEE , Page Nos : pp. 368-373</p> <p>33. A. Singh, S. Kaur, D. Singh and Gurmeet Singh, "Technical Review of Breast Cancer Screening and Detection using Artificial Intelligence and Radiomics," 2024 11th IEEE International Conference on Computing for Sustainable Global Development (INDIACom), New Delhi, India, 2024, pp. 1171-1176, doi: 10.23919/INDIACom61295.2024.10498427., Year of Publication: 2024 , Publisher : IEEE , Page Nos : pp. 1171-1176,</p> <p>34. Gurmeet Singh, M. Singh, H. Kataria, N. Dixit and A. Arora, "Robotic-Assisted Systems in Gynecology: A Systematic Review," 2024 11th IEEE International Conference on Computing for Sustainable Global Development (INDIACom), New Delhi, India, 2024, pp. 1165-1170, doi: 10.23919/INDIACom61295.2024.10498726., Year of Publication: 2024 , Publisher : IEEE , Page Nos : pp. 1165-1170</p> <p>35. Singh, Mahender, Manisha Mittal, Prachi Dewan, Avneet Kaur, Gurleen Kaur, and Ankur Gupta. "From Text to Treatment: An Overview of Artificial Intelligence Chatbots in Healthcare." In 2024 11th International Conference on Computing for Sustainable Global Development (INDIACom), pp. 690-696. IEEE, 2024.</p> <p>36. Dewan, Prachi, Mahender Singh, Manisha Mittal, Harjot Kaur, and Neeraj Gandhi. "From Fiction to Miracles: An Analysis of 3D Printed Organs." In 2024 11th</p>	
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			<p>International Conference on Computing for Sustainable Global Development (INDIACom), pp. 517-523. IEEE, 2024.</p> <p>37. Singh, Gurmeet, Mahender Singh, Himanshi Kataria, Nidhi Dixit, and Ananya Arora. "Robotic-Assisted Systems in Gynecology: A Systematic Review." In 2024 11th International Conference on Computing for Sustainable Global Development (INDIACom), pp. 1165-1170. IEEE, 2024.</p> <p>38. Singh, Mahender, Prachi Dewan, Manisha Mittal, Ankit Kumar, and Abhinav Mishra. "Suicide Detection using Twitter Sentiment Analysis." In 2024 11th International Conference on Computing for Sustainable Global Development (INDIACom), pp. 808-813. IEEE, 2024.</p> <p>39. Mittal, Manisha, Prachi Dewan, Tanisha Panesar, and Mahender Singh. "Educating a Robot to Walk on Mars using Artificial Intelligence." In 2024 11th International Conference on Computing for Sustainable Global Development (INDIACom), pp. 1137-1143. IEEE, 2024.</p> <p>40. Mittal, Manisha, Mahender Singh, Prachi Dewan, and Prabhmeet Singh. "A Dual-Action Approach to Mosquito Control: Harnessing Mosquitoes Affinity for Light with Metofluthrin's Lethality." In 2024 11th International Conference on Computing for Sustainable Global Development (INDIACom), pp. 303-308. IEEE, 2024.</p> <p>41. Sharma, Chirag, Anshdeep Singh, Gagandeep Kaur, Mukal Dadhwal, Virat Chauhan, Ishwardeep Singh, and Mahender Singh. "Spectroscopy Sensor and Mobile App and Artificial Intelligence Integration for Real-Time Soil Analysis and Crop Management in Precision Agriculture." In 2024 First International Conference on Electronics, Communication and Signal Processing (ICECSP), pp. 1-11. IEEE, 2024.</p>	
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			<p>42. P. Narang, A. V. Singh, and H. Monga, "Opinion-Based Machine Learning Approach for Fake News Classification," in <i>Proceedings of International Conference on Intelligent Vision and Computing (ICIVC 2022)</i>, H. Sharma, A. K. Saha, and M. Prasad, Eds., vol. 17, Cham, Switzerland: Springer, 2023, pp. 33-42. [doi: 10.1007/978-3-031-31164-2_4] (Springer Conference)</p> <p>43. P. Narang, A. V. Singh, and H. Monga, "Metaheuristic Algorithms for Robust Fake News Detection: A Comprehensive Survey," in <i>CSCIT 2023</i>, Soft Computing Research Society and (SCRIL), India, Dec. 2023. (Springer SCOPUS indexed Conference)</p> <p>44. P. Narang, A. V. Singh, and H. Monga, "Sentiment-Based Feature Extraction in Deep Learning for Multi-Class Fake News Identification," in 5th International Conference on Data Analytics & Management (ICDAM-2024), Jun. 14-15, 2024. (Springer SCOPUS Indexed Conference)</p> <p>45. Presented a paper titled "The causality influence of pollutants and meteorological parameters on the mortality and positivity rate of Covid-19" during the "45th world conference on Applied Science, Engineering and Technology (45th WCASET-2023)" held on 29th and 30th Dec 2023 at GOA, INDIA.</p> <p>46. Presented a paper titled "Forecasting air quality index(AQI) based on machine learning techniques : A case study of Delhi and its neighboring cities" which has been awarded as the BEST PAPER in ICCCE-2024, organized by Institute for educational research and publication(IFERP) Indonesia society held on 23rd and 24th February 2024 at JAKARTA, INDONESIA.</p> <p>47. Presented a paper titled "The causality influence of pollutants and meteorological parameters on the mortality and positivity rate of Covid-19" during the "45th world conference on Applied Science, Engineering and Technology (45th WCASET-2023)" held on 29th and 30th Dec 2023 at GOA, INDIA.</p> <p>48. Presented a paper titled "Forecasting air quality index(AQI) based on machine learning techniques : A case study of Delhi and its neighboring cities" which has been awarded as the BEST PAPER in ICCCE-2024, organized by Institute for educational research and publication(IFERP) Indonesia society held on 23rd and 24th February 2024 at JAKARTA, INDONESIA.</p> <p>49. Presented Paper titled, "Machine Learning Based Sentiment Classification of Movie Reviews in Hindi (Devanagari Script)", at 4th International Conference on Data Analytics and Management (ICDAM-2023) organized by London Metropolitan University, London on 23rd -24th June 2023.</p> <p>50. Presented Paper titled, "Statistical Analysis on Students's Socio Demographic Factors (SDFs) and Mental Health Indicators (MHIs) at 5th International Conference on Data Analytics and Management (ICDAM-2024) organized by London Metropolitan University, London on 14-15th June 2024.</p> <p>51. A research paper titled "Face Tracking for Road Safety using Computer Vision" in 2nd International Conference on Computer, Electronics, Electrical Engineering and their applications (IC2E3 24), 6th -7th June, organized by NIT, Uttarakhand. IEEE.</p> <p>52. A research paper titled "Sentinel Analysis and visualization of post-covid impact on child behavioural using Machine Learning" in 4th International Conference on ICT for Digital, Smart and Sustainable Development (ICIDSSD 24), Springer organized by Jamia Hamdard, New Delhi.</p> <p>53. Journal Name: Macromolecular Symposia (Wiley) Paper Title:</p>	
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			Development of Natural Fibre Reinforced Polymer Matrix Composites: A Critical Review DOI: MS-Nr: masy.202400118.R1	
3	No. of Books / Edited Books / Book Chapters published	14.	<ol style="list-style-type: none"> 1. "Dr. Gagandeep Kaur¹, Varsha Gupta², Neetu Settia³and Shivani Duggal⁴ "Reilluminating Wireless Horizons: Exploring Complete Information Transmission through Visible Light Review " Book Chapter - Wireless Communication Networks and application ; (pp. 1-11).Iterative International Publishers, March 2024. (ISBN: 978-93-6252-398-3). 2. Neetu Settia et al. " Investigating Head and neck Cancer prediction Using BigData" Book Chapter - Wireless Communication Networks and application ; (pp. 67-84).Iterative International Publishers, March 2024. (ISBN: 978-93-6252-398-3). 3. "Dr. Gagandeep Kaur¹, Varsha Gupta², Neetu Settia³and Shivani Duggal⁴ "Reilluminating Wireless Horizons: Exploring Complete Information Transmission through Visible Light Review " Book Chapter - Wireless Communication Networks and application ; (pp. 1-11).Iterative International Publishers, March 2024. (ISBN: 978-93-6252-398-3). 4. Book on " Python Programming" ISBN : 978-1-956861-33-4 Namya press"Dr. Gagandeep Kaur¹, Varsha Gupta², Neetu Settia³and Shivani Duggal⁴ 5. "Reilluminating Wireless Horizons: Exploring Complete Information Transmission through Visible Light Review " Book Chapter - Wireless Communication Networks and application ; (pp. 1-11).Iterative International Publishers, March 2024. (ISBN: 978-93-6252-398-3). 6. "Dr. Gagandeep Kaur¹, Varsha Gupta², Neetu Settia³and Shivani Duggal⁴ "Reilluminating Wireless Horizons: Exploring Complete Information Transmission through Visible Light Review " Book Chapter - Wireless Communication Networks and application ; (pp. 1-11).Iterative International Publishers, March 2024. (ISBN: 978-93-6252-398-3). 7. Dr. Gagandeep Kaur et al. " Investigating Head and neck Cancer prediction Using BigData" Book Chapter - Wireless Communication Networks and application ; (pp. 67-84).Iterative International Publishers, March 2024. (ISBN: 978-93-6252-398-3). 	

			<p>8. Book Chapter in Scopus Indexed Lecture Notes in Electrical Engineering, Springer nature Singapore” Traffic Sign recognition Using faster RCNN Deep learning Algorithm” by Prachi dewan and Vandana Khanna, July 2024, pp. 359-371.</p> <p>9. Data Structures using C, New Age International Publishers, 1st Ed. 2025.</p> <p>10. Artificial Intelligence, (REST Publisher) ISBN No. 978-81-966857-0-6 (2023)</p> <p>11. IOTs based wearable health monitoring through wireless body area networks, submitted in book “Healthcare Industry Assessment Analyzing Risks, Security and Reliability” in Book Series -Engineering Cyber-Physical Systems and Critical Infrastructures", Springer. (ECPSCI,volume11) Doi.org/10.1007/978-3-031-65434-3_10.(2024)</p> <p>12. Smart Agriculture System Using Artificial Intelligence and Internet of Things submitted in book "Reshaping Intelligent Business and Industry: Convergence of AI and IoT at the Cutting Edge” (Wiley-Scrivener Publishing) Doi.org/10.1002/9781119905202_Ch27(2024)</p> <p>13. Smart Systems and Services by Artificial Intelligence Algorithms Submitted in book “Applying Drone Technologies and Robotics for agricultural Sustainability” chapter-15, (IGI Global publisher of Timely Knowledge). ISBN13:9781668464137 Doi:10.4018/978-1-6684-6413-7. Ch-15(2023) Scopus.</p> <p>14. Ankita Sharma and Udayan Ghose, “Machine Learning Based Sentiment Classification of Movie Reviews in Hindi (Devanagari Script)”, In: Swaroop, A., Polkowski, Z., Correia, S.D., Virdee, B. (eds) Proceedings of Data Analytics and Management. ICDAM 2023. Lecture Notes in Networks and Systems, vol 785. Springer, Singapore, 2024. DOI: 10.1007/978-981-99-6544-1_3.</p> <p>15.</p>	
4.	No. of patent Published/ Granted	6.	<p>1. ARTIFICIAL INTELLIGENCE BASED HEALTH MONITORING WEARABLE DEVICE, Design Number 387197-001 Class 24-01: The Patent Office Journal No. 32/2023 Dated 11/08/2023; 53810. https://search.ipindia.gov.in/IPOJournal/Journal/ViewJournal</p> <p>2. A Patent on the title" Verification of dynamic signatures using AI" has been published on 20/10/2023 under the Ministry of Commerce and Industry, Government of India. The field of invention is Bio Medical Engineering</p> <p>3. A Patent on the title" Verification of dynamic signatures using AI" has been published on 20/10/2023 under the Ministry of Commerce and Industry, Government of India. The field of invention is Bio Medical Engineering.</p> <p>4. A Patent on the title" Verification of dynamic signatures using AI" has been published on 20/10/2023 under the Ministry of Commerce and Industry, Government of India. The</p>	

		<p>field of invention is Bio Medical Engineering.</p> <p>5. A Patent on the title" Verification of dynamic signatures using AI" has been published on 20/10/2023 under the Ministry of Commerce and Industry, Government of India. The field of invention is Bio Medical Engineering.</p> <p>6. Topic-"Grain Handling System and Method Thereof", Application No.:202311021310, Published In: https://iprsearch.ipindia.gov.in/publicsearch</p> <p>Patent Inventors: Swati Rawat, Smriti Sharma, Akanksha Mishra, Ishani Dey, Urvashi Dhand, Kiran Malik, Ritika Kumari, Dr. Amita Dev, Shailesh D Kamble</p> <p>7.</p>	
		Marks (Maximum Marks: 100)	