

FACULTY ACHIEVEMENTS

(ACADEMIC YEAR: 2021-22)

Research Papers Published in International Journals (Academic Year: 2021-22)

S. No.	Title of paper	Name of the author/s	Name of journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
1	Role of Marketing Strategies in Business Development	Mr. Vishal Garg	Industrial Engineering Journal	https://www.sviet.org.in/Academic-Year-2021-22.pdf	UGC Care list
2	Role of Marketing Strategies in Business Development	Ms. Navdeesh Kaur	Industrial Engineering Journal		UGC Care list
3	Business Plans: What You Need To Know	Mr. Sahil Garg	Industrial Engineering Journal		UGC Care list
4	Business Plans: What You Need To Know	Mr. Vishal Garg	Industrial Engineering Journal		UGC Care list
5	Cloud Computing Services	Ms. Vandana	Industrial Engineering Journal		UGC Care list
6	Cloud Computing Services	Ms. Yukti Gupta	Industrial Engineering Journal		UGC Care list
7	Chances As Well As Obstacles in Indian Digital Banking	Ms. Navdeesh Kaur	Industrial Engineering Journal		UGC Care list
8	Chances As Well As Obstacles in Indian Digital Banking	Ms. Gurpreet Kaur	Industrial Engineering Journal		UGC Care list
9	An Analysis of Digital Marketing	Ms. Vishali	Industrial Engineering Journal		UGC Care list
10	An Analysis of Digital Marketing	Ms. Nisha Chawla	Industrial Engineering Journal		UGC Care list
11	Modern Mobile Phones and their applications	Ms. Shivani Anand	Industrial Engineering Journal		UGC Care list

12	Modern Mobile Phones and their applications	Ms. Nisha	Industrial Engineering Journal		UGC Care list
13	Review on the latest mobile phone technology and trends	Ms. Sumati	Industrial Engineering Journal		UGC Care list
14	Exploring the impact of Risc-V Architecture on Modern Computing Systems	Ms. Nisha	Shodhasamhita		UGC Care list
15	Exploring the impact of Risc-V Architecture on Modern Computing Systems	Mr. Harjinder Singh	Shodhasamhita		UGC Care list
16	Concepts and Contributions of Edge Computing in Internet of Things (IOT): A Survey	Ms. Anchal Goyal	Shodhasamhita		UGC Care list
17	A Brief Review on Game Theory	Mr. Dhanwant Singh	Shodhasamhita		UGC Care list
18	A Brief Review on Game Theory	Ms. Pooja Kumra	Shodhasamhita		UGC Care list
19	Applications of Vibration Control Techniques in Mechanical Engineering	Mr. Supinderjit Singh	Shodhasamhita		UGC Care list
20	Applications of Vibration Control Techniques in Mechanical Engineering	Mr. Vikrant	Shodhasamhita		UGC Care list
21	A Review on Electric Vehicles: Opportunities and Challenges	Mr. Ishant Premi	Shodhasamhita		UGC Care list
22	A Review on Electric Vehicles: Opportunities and Challenges	Ms. Roop Shikha	Shodhasamhita		UGC Care list

23	Mobile Ad Hoc Networks (MANETT): A Comprehensive Review and Future Perspectives	Dr. Pertik Garg	Shodhasamhita		UGC Care list
24	Mobile Ad Hoc Networks (MANETT): A Comprehensive Review and Future Perspectives	Ms. Vandana	Shodhasamhita		UGC Care list
25	Communication Skills for Technical Students	Mr. Aryanjeet Singh	Shodhasamhita		UGC Care list
26	Communication Skills for Technical Students	Ms. Meenakshi Sharma	Shodhasamhita		UGC Care list
27	Risk Management in Indian Banking Sector: A Study	Ms. Gurpreet Kaur	Shodhasamhita		UGC Care list
28	Risk Management in Indian Banking Sector: A Study	Mr. Sahil Garg	Shodhasamhita		UGC Care list
29	IOT Based Accounts Department Security through Digital Image Processing Algorithms	Mr. Vivek Kumar	Shodhasamhita		UGC Care list
30	IOT Based Accounts Department Security through Digital Image Processing Algorithms	Mr. Akshay	Shodhasamhita		UGC Care list
31	Syncing data between an IOT device and a server	Mr. Akshay	Industrial Engineering Journal		UGC Care list
32	Syncing data between an IOT device and a server	Ms. Priyanka Sood	Industrial Engineering Journal		UGC Care list
33	The effects of Globalization on India	Mr. Vishal Garg	Industrial Engineering Journal		UGC Care list
34	The effects of Globalization on India	Ms. Nisha Chawla	Industrial Engineering Journal		UGC Care list
35	A Brief Research Study on Wireless Sensor Networks	Mr. Rajat Gupta	Industrial Engineering Journal		UGC Care list

36	A Brief Research Study on Wireless Sensor Networks	Mr. Ishant Premi	Industrial Engineering Journal		UGC Care list
37	Queuing Theory and Modeling	Ms. Manpreet Kaur	Industrial Engineering Journal		UGC Care list
38	Queuing Theory and Modeling	Ms. Neha Sharma	Industrial Engineering Journal		UGC Care list
39	The impact of Foreign Investments on the Local Economy	Ms. Gurpreet Kaur	Industrial Engineering Journal		UGC Care list
40	Finite Element Analysis (FEA) in Mechanical Design: A Comprehensive Review	Mr. Vikrant	Industrial Engineering Journal		UGC Care list
41	Finite Element Analysis (FEA) in Mechanical Design: A Comprehensive Review	Mr. Ankur Gill	Industrial Engineering Journal		UGC Care list
42	Review of recent trends in Micro/Nano-Electromechanical Systems (MEMS/NEMS) and their applications	Mr. Supinderjit Singh	Industrial Engineering Journal		UGC Care list
43	Review of recent trends in Micro/Nano-Electromechanical Systems (MEMS/NEMS) and their applications	Mr. Dhiraj Parkash Dhiman	Industrial Engineering Journal		UGC Care list
44	An Overview of the significance of Data Mining and its applications	Mr. Vivek Kumar	Industrial Engineering Journal		UGC Care list
45	An Overview of the significance of Data Mining and its applications	Ms. Sumati	Industrial Engineering Journal		UGC Care list

46	Performance Improvement in Wireless Sensor Networks using Modified CSMA/CA Protocol	Mr. Ishant Premi	Industrial Engineering Journal	UGC Care list
47	Performance Improvement in Wireless Sensor Networks using Modified CSMA/CA Protocol	Mr. Rajat Gupta	Industrial Engineering Journal	
48	A Review on Conversational Marketing	Ms. Abha Sharma	Journal of the Maharaja Sayajirao University of Baroda	
49	A Review on Conversational Marketing	Mr. Muzafar Ahmed Ganai	Journal of the Maharaja Sayajirao University of Baroda	
50	Advancement of Mathematics: Origin and Development	Ms. Harpreet Kaur	Journal of the Maharaja Sayajirao University of Baroda	
51	Advancement of Mathematics: Origin and Development	Ms. Gurwinder Kaur	Journal of the Maharaja Sayajirao University of Baroda	
52	Advancements in Robotics: A Comprehensive Review	Ms. Komal Sood	Journal of the Maharaja Sayajirao University of Baroda	
53	An ATM System in the Banking Industry	Ms. Ramanpreet Kaur	Anvesak	
54	Artificial Intelligence in Cyber Security	Ms. Vandana	Journal of the Maharaja Sayajirao University of Baroda	
55	Artificial Intelligence in Cyber Security	Ms. Neha Garg	Journal of the Maharaja Sayajirao University of Baroda	
56	Communication: Role and Importance in Management	Mr. Vishal Garg	Anvesak	
57	Communication: Role and Importance in Management	Mr. Sahil Garg	Anvesak	
58	Freedom from Financial	Mr. Vishal	Journal of the Maharaja	UGC Care list

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59	Freedom from Financial Constraints	Ms. Nisha Chawla	Journal of the Maharaja Sayajirao University of Baroda		UGC Care list
60	Green Energy Technologies and their role in the Global Energy Transition	Mr. Supinderjit Singh	Journal of the Maharaja Sayajirao University of Baroda		UGC Care list
61	Green Energy Technologies and their role in the Global Energy Transition	Mr. Ankur Gill	Journal of the Maharaja Sayajirao University of Baroda		UGC Care list
62	Human Resource Accounting in India	Mr. Sahil Garg	Journal of the Maharaja Sayajirao University of Baroda		UGC Care list
63	Human Resource Accounting in India	Ms. Navdeesh Kaur	Journal of the Maharaja Sayajirao University of Baroda		UGC Care list
64	Indian Law on Women Right's	Ms. Navdeesh Kaur	Anvesak		UGC Care list
65	Indian Law on Women Right's	Ms. Gurpreet Kaur	Anvesak		UGC Care list
66	Organizational Management of Human Resource	Ms. Navdeesh Kaur	Journal of the Maharaja Sayajirao University of Baroda		UGC Care list
67	Organizational Management of Human Resource	Ms. Gurpreet Kaur	Journal of the Maharaja Sayajirao University of Baroda		UGC Care list
68	Review Paper on Technology	Mr. Tarandeep Singh	Anvesak		UGC Care list
69	Review Paper on Technology	Ms. Priyanka	Anvesak		UGC Care list
70	The Application of Biophysics to life sciences - A Systematic Review	Ms. Meenu Rohilla	Journal of the Maharaja Sayajirao University of Baroda		UGC Care list
71	The Application of Biophysics to life sciences - A Systematic Review	Ms. Tripta Kumari	Journal of the Maharaja Sayajirao University of Baroda		UGC Care list
72	The Power of Social Media	Ms. Ruchika	Anvesak		UGC Care list

	in Modern Time	Sharma			
73	The Power of Social Media in Modern Time	Mr. Harish Sharma	Anvesak		UGC Care list
74	Thermodynamics: A Comprehensive Review of Applications and Advances	Mr. Ankur Gill	Journal of the Maharaja Sayajirao University of Baroda		UGC Care list
75	Thermodynamics: A Comprehensive Review of Applications and Advances	Mr. Kapil Munjal	Journal of the Maharaja Sayajirao University of Baroda		UGC Care list
76	Wildlife Conservation in India: Issues and Challenges	Ms. Tripta Kumari	Journal of the Maharaja Sayajirao University of Baroda		UGC Care list
77	Wildlife Conservation in India: Issues and Challenges	Ms. Meenu Rohilla	Journal of the Maharaja Sayajirao University of Baroda		UGC Care list
78	An analysis of the impact of GST on India'S E-Commerce Business	Ms. Vishali	Shodhasamhita		UGC Care list
79	Applications of Thermal Energy Storage with Electrified Heating and Cooling	Mr. Dhiraj Parkash Dhiman	Shodhasamhita		UGC Care list
80	Applications of Thermal Energy Storage with Electrified Heating and Cooling	Mr. Gurpreet Singh	Shodhasamhita		UGC Care list
81	Design and Fabrication of a Novel Artificial Hand Based on a “Biomechatronic”	Mr. Gurlovleen Singh	Shodhasamhita		UGC Care list
82	Design and Fabrication of a Novel Artificial Hand Based on a “Biomechatronic”	Mr. Dhiraj Parkash Dhiman	Shodhasamhita		UGC Care list

83	Ethics in Marketing	Ms. Sonia Gundwani	Shodhasamhita		UGC Care list
84	Growth and Development of Indian Mutual Funds	Ms. Omkar Kaur	Shodhasamhita		UGC Care list
85	Growth and Development of Indian Mutual Funds	Ms. Kanchan Verma	Shodhasamhita		UGC Care list
86	Improving the sustainable cooling techniques for Data Centers	Mr. Kulbir Singh	Shodhasamhita		UGC Care list
87	Improving the sustainable cooling techniques for Data Centers	Dr. Sushil Mittal	Shodhasamhita		UGC Care list
88	Innovative approaches to land reclamation and Landfill Design	Ms. Priyanka	Shodhasamhita		UGC Care list
89	Professional stress on College Teachers	Mr. Aaseesdeep Singh	Shodhasamhita		UGC Care list
90	Professional stress on College Teachers	Ms. Nisha Chawla	Shodhasamhita		UGC Care list
91	Recent advances in Disaster- Resilient Infrastructure Planning and Design	Mr. Tajamul Saqib	Shodhasamhita		UGC Care list
92	Recent advances in Disaster- Resilient Infrastructure Planning and Design	Mr. Avinash Thakur	Shodhasamhita		UGC Care list
93	Review of Tribology and Surface Engineering Techniques for reducing friction and wear in Mechanical Components	Mr. Dhiraj Parkash Dhiman	Shodhasamhita		UGC Care list

94	Review of Tribology and Surface Engineering Techniques for reducing friction and wear in Mechanical Components	Dr. Sushil Mittal	Shodhasamhita		UGC Care list
95	Systematic Review on Drawing	Mr. Mohit Parihar	Shodhasamhita		UGC Care list
96	Systematic Review on Drawing	Mr. Gurpreet Singh	Shodhasamhita		UGC Care list
97	The Effects of Artificial Intelligence on Business	Ms. Abha Sharma	Shodhasamhita		UGC Care list
98	The Effects of Artificial Intelligence on Business	Ms. Omkar Kaur	Shodhasamhita		UGC Care list
99	Unveiling the Future: Innovations in Wind Tunnel Technology	Mr. Tarandeep Singh	Shodhasamhita		UGC Care list
100	Watermarking of Digital Video over the Internet for Copyright Protection	Ms. Yashu	Shodhasamhita		UGC Care list
101	Watermarking of Digital Video over the Internet for Copyright Protection	Ms. Harpreet Kaur	Shodhasamhita		UGC Care list
102	Advancements in Non-Destructive Testing Techniques: A Review	Mr. Kapil Munjal	Industrial Engineering Journal		UGC Care list
103	Advancements in Non-Destructive Testing Techniques: A Review	Mr. Gurpreet Singh	Industrial Engineering Journal		UGC Care list
104	Advances in Sustainable Manufacturing Processes and Technologies- A Review	Mr. Mohit Parihar	Industrial Engineering Journal		UGC Care list
105	Biomimetics for Sustainable Development:	Mr. Supinderjit Singh	Industrial Engineering Journal		UGC Care list

	A Review				
106	Biomimetics for Sustainable Development: A Review	Mr. Vikrant Chaudhary	Industrial Engineering Journal		UGC Care list
107	Difference Between Work Transfer and Heat Transfer in Thermodynamics	Mr. Ankur Gill	Industrial Engineering Journal		UGC Care list
108	Difference Between Work Transfer and Heat Transfer in Thermodynamics	Mr. Harneet Singh	Industrial Engineering Journal		UGC Care list
109	Effects of Addition of Carbide on Sewage Degradation	Ms. Ruchika Sharma	Industrial Engineering Journal		UGC Care list
110	Effects of Addition of Carbide on Sewage Degradation	Mr. Harish Sharma	Industrial Engineering Journal		UGC Care list
111	Hybridization in Wire Arc Additive Manufacturing (WAAM): A Comprehensive Review	Mr. Prince Chawla	Industrial Engineering Journal		UGC Care list
112	Hybridization in Wire Arc Additive Manufacturing (WAAM): A Comprehensive Review	Mr. Supinderjit Singh	Industrial Engineering Journal		UGC Care list
113	Importance of Project Management in Mechanical Engineering	Mr. Dhiraj Parkash Dhiman	Industrial Engineering Journal		UGC Care list
114	Importance of Project Management in Mechanical Engineering	Mr. Vikrant Chaudhary	Industrial Engineering Journal		UGC Care list
115	Mathematical Model on Air Conditioning and Refrigeration System	Mr. Avinash Thakur	Industrial Engineering Journal		UGC Care list



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116	Mathematical Model on Air Conditioning and Refrigeration System	Ms. Priyanka	Industrial Engineering Journal		UGC Care list
117	Production Strategies in Industry	Ms. Akanksha Pathania	Industrial Engineering Journal		UGC Care list
118	Production Strategies in Industry	Ms. Sakshi Sharma	Industrial Engineering Journal		UGC Care list
119	Review of Energy Efficient HVAC (Heating, Ventilation, and Air Conditioning) Systems	Mr. Aman Gupta	Industrial Engineering Journal		UGC Care list
120	Review of Energy Efficient HVAC (Heating, Ventilation, and Air Conditioning) Systems	Mr. Gurpreet Singh	Industrial Engineering Journal		UGC Care list
121	Role of Material Management in Construction	Mr. Harish Sharma	Industrial Engineering Journal		UGC Care list
122	Role of Material Management in Construction	Mr. Avinash Thakur	Industrial Engineering Journal		UGC Care list
123	The Role of Natural Gas as an Energy Source	Mr. Supinderjit Singh	Industrial Engineering Journal		UGC Care list
124	The Role of Natural Gas as an Energy Source	Mr. Aman Gupta	Industrial Engineering Journal		UGC Care list
125	Development of ground improvement techniques and its application	Mr. Vikash	Industrial Engineering Journal		UGC Care list
126	Development of ground improvement techniques and its application	Ms. Sonam Kaur	Industrial Engineering Journal		UGC Care list
127	Factors influencing decision-making in organisations	Ms. Omkar Kaur	Industrial Engineering Journal		UGC Care list

128	Factors influencing decision-making in organisations	Ms. Richa Verma	Industrial Engineering Journal		UGC Care list
129	Perceptions and purchasing decisions of consumers influenced by celebrity endorsements	Ms. Abha Sharma	Industrial Engineering Journal		UGC Care list
130	The Psychology of Consumers and Pricing: A Study	Ms. Nisha Chawla	Industrial Engineering Journal		UGC Care list
131	The Psychology of Consumers and Pricing: A Study	Ms. Gurpreet Kaur	Industrial Engineering Journal		UGC Care list
132	Vedic Mathematics: Beliefs and Actions	Ms. Harpreet Kaur	Industrial Engineering Journal		UGC Care list
133	A Review of Wireless Technology	Ms. Jaspreet Kaur	Madhya Bharti		UGC Care list
134	A Review of Wireless Technology	Ms. Shivani Anand	Madhya Bharti		UGC Care list
135	A Review on Artificial Neural Networks	Mr. Manik Dhiman	Industrial Engineering Journal		UGC Care list
136	A Review on Artificial Neural Networks	Ms. Lakshita	Industrial Engineering Journal		UGC Care list
137	A Review on Multimedia and E-Education Systems	Ms. Ritika Mishra	Madhya Bharti		UGC Care list
138	A Review on Multimedia and E-Education Systems	Ms. Nisha	Madhya Bharti		UGC Care list
139	Analyze the safety measures and technologies used in automotive vehicles	Mr. Avinash Thakur	Madhya Bharti		UGC Care list
140	Analyze the safety measures and technologies used in automotive vehicles	Ms. Tanu Kumari	Madhya Bharti		UGC Care list

141	Assessing the effectiveness of Sustainable Drainage Systems (SUDS) and challenges to conventional drainage systems	Mr. Tajamul Saqib	Industrial Engineering Journal		UGC Care list
142	Assessing the effectiveness of Sustainable Drainage Systems (SUDS) and challenges to conventional drainage systems	Mr. Tarandeep Singh	Industrial Engineering Journal		UGC Care list
143	Augmented Reality (AR) applications in construction	Ms. Ruchika Sharma	Industrial Engineering Journal		UGC Care list
144	Big Data integration in the construction Industry: Challenges, Opportunities, and future directions	Ms. Akanksha Pathania	Industrial Engineering Journal		UGC Care list
145	Big Data integration in the construction Industry: Challenges, Opportunities, and future directions	Ms. Sakshi Sharma	Industrial Engineering Journal		UGC Care list
146	Blockchain Technology in the Construction Industry	Mr. Manzoor Ahmad	Industrial Engineering Journal		UGC Care list
147	Blockchain Technology in the Construction Industry	Mr. Tajamul Saqib	Industrial Engineering Journal		UGC Care list
148	Climate change and its impacts on road transportation infrastructure	Mr. Vikash	Madhya Bharti		UGC Care list
149	Climate change and its impacts on road transportation infrastructure	Mr. Sahil Premi	Madhya Bharti		UGC Care list
150	Climate change impacts on water resources in Civil Infrastructure: Challenges, Resilience, and Adaptation	Mr. Harish Sharma	Industrial Engineering Journal		UGC Care list

151	Climate change impacts on water resources in Civil Infrastructure: Challenges, Resilience, and Adaptation	Mr. Tarandeep Singh	Industrial Engineering Journal		UGC Care list
152	Conflict methods in Optical Multistage Interconnection Networks	Ms. Kiran Bala	Industrial Engineering Journal		UGC Care list
153	Conflict methods in Optical Multistage Interconnection Networks	Mr. Hardeep Singh	Industrial Engineering Journal		UGC Care list
154	Design and Maintenance of sustainable flexible pavement	Mr. Azfar Ali	Madhya Bharti		UGC Care list
155	Design and Maintenance of sustainable flexible pavement	Mr. Harish Sharma	Madhya Bharti		UGC Care list
156	Developing airport design for environmental sustainability	Mr. Ishaq Rashid	Industrial Engineering Journal		UGC Care list
157	Developing airport design for environmental sustainability	Mr. Avinash Thakur	Industrial Engineering Journal		UGC Care list
158	Developing sustainable solutions for Coastal Infrastructure	Mr. Manzoor Ahmad	Industrial Engineering Journal		UGC Care list
159	Developing sustainable solutions for Coastal Infrastructure	Ms. Priyanka	Industrial Engineering Journal		UGC Care list
160	Developing sustainable solutions for railway design and management	Ms. Priyanka	Industrial Engineering Journal		UGC Care list
161	Developing sustainable solutions for railway design and management	Mr. Vikash	Industrial Engineering Journal		UGC Care list

162	Effectiveness of smart bridge maintenance strategies	Ms. Ruchika Sharma	Industrial Engineering Journal		UGC Care list
163	Effectiveness of smart bridge maintenance strategies	Mr. Tarandeep Singh	Industrial Engineering Journal		UGC Care list
164	Environmental Ethics: An Overview	Ms. Priyanka	Madhya Bharti		UGC Care list
165	Environmental Ethics: An Overview	Ms. Akanksha Pathania	Madhya Bharti		UGC Care list
166	Feasibility of using unmanned ariel vehicles (Drones) in Construction	Mr. Harish Sharma	Madhya Bharti		UGC Care list
167	Function and Performance Evaluation of Reciprocating Air Compressors	Ms. Sakshi Sharma	Madhya Bharti		UGC Care list
168	Function and Performance Evaluation of Reciprocating Air Compressors	Mr. Tajamul Saqib	Madhya Bharti		UGC Care list
169	Impact of Communication in Business Management	Ms. Abha Sharma	Industrial Engineering Journal		UGC Care list
170	Impact of Communication in Business Management	Ms. Sonia Gundwani	Industrial Engineering Journal		UGC Care list
171	Impacts of Prefabrication in the building construction industry	Mr. Sahil Premi	Industrial Engineering Journal		UGC Care list
172	Impacts of Prefabrication in the building construction industry	Mr. Manzoor Ahmad	Industrial Engineering Journal		UGC Care list
173	Indian consumers' buying behavior: The Art of Branded Luxury	Mr. Arun Kumar	Madhya Bharti		UGC Care list
174	Indian consumers' buying behavior: The Art of	Ms. Omkar Kaur	Madhya Bharti		UGC Care list

	Branded Luxury				
175	Inheritance metrics for object oriented software systems- A Survey	Mr. Jarnail Singh	Industrial Engineering Journal		UGC Care list
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177	Modernization of Railway in India	Mr. Manzoor Ahmad	Madhya Bharti		UGC Care list
178	Modernization of Railway in India	Mr. Sameer Malhotra	Madhya Bharti		UGC Care list
179	Nanotechnology and its application: A Review	Mr. Kulbir Singh	Industrial Engineering Journal		UGC Care list
180	Nanotechnology and its application: A Review	Mr. Gurlovleen Singh	Industrial Engineering Journal		UGC Care list
181	Recent developments and challenges of 3D-Printing in Construction	Mr. Harish Sharma	Madhya Bharti		UGC Care list
182	Recent developments and challenges of 3D-Printing in Construction	Ms. Ruchika Sharma	Madhya Bharti		UGC Care list
183	Review Paper on Cryptography	Ms. Vandana	Industrial Engineering Journal		UGC Care list
184	Review Paper on Cryptography	Mr. Harjinder Singh	Industrial Engineering Journal		UGC Care list
185	Role of Leadership in the Modern Era	Ms. Vishali	Madhya Bharti		UGC Care list
186	Role of Leadership in the Modern Era	Mr. Aaseesdeep Singh	Madhya Bharti		UGC Care list
187	Single electron transistor applications and limitations	Ms. Yashu	Industrial Engineering Journal		UGC Care list

188	Single electron transistor applications and limitations	Ms. Tanika Thakur	Industrial Engineering Journal		UGC Care list
189	The Applications of artificial intelligence in Civil Engineering	Ms. Sakshi Sharma	Industrial Engineering Journal		UGC Care list
190	The Applications of artificial intelligence in Civil Engineering	Mr. Tajamul Saqib	Industrial Engineering Journal		UGC Care list
191	The Importance of infrastructure and bridge for development	Ms. Sonam Kaur	Madhya Bharti		UGC Care list
192	The Importance of infrastructure and bridge for development	Mr. Ishaq Rashid	Madhya Bharti		UGC Care list
193	Understanding and determining the indeterminacy of different types of structures	Ms. Ruchika Sharma	Industrial Engineering Journal		UGC Care list
194	Understanding and determining the indeterminacy of different types of structures	Ms. Akanksha Pathania	Industrial Engineering Journal		UGC Care list
195	“Unearthing the hidden potential: An in-depth exploration of internal combustion engines”	Mr. Mohit Parihar	Industrial Engineering Journal		UGC Care list
196	“Unearthing the hidden potential: An in-depth exploration of internal combustion engines”	Mr. Ankur Gill	Industrial Engineering Journal		UGC Care list
197	Unraveling the deths of underwater wireless communication: A Review Paper	Mr. Azfar Ali	Industrial Engineering Journal		UGC Care list

198	Unraveling the depths of underwater wireless communication: A Review Paper	Mr. Sahil Premi	Industrial Engineering Journal		UGC Care list
199	A Review of Grid Computing	Ms. Vandana	Shodhsamhita		UGC Care list
200	A Study of M-Commerce in India: Potentials and Challenges	Ms. Ekta	Shodhsamhita		UGC Care list
201	Comparative analysis of buildings utilizing flat and regular slabs	Mr. Ishaq Rashid	Shodhsamhita		UGC Care list
202	Comparative analysis of buildings utilizing flat and regular slabs	Ms. Akanksha Pathania	Shodhsamhita		UGC Care list
203	Data Hiding in digital image using steganography: A Review	Ms. Anchal Goyal	Shodhsamhita		UGC Care list
204	Wireless Sensor Networks: A General View of applications	Dr. Pertik Garg	Shodhsamhita		UGC Care list
205	Wireless Sensor Networks: A General View of applications	Ms. Nisha	Shodhsamhita		UGC Care list



Principal
SVIET, Vill. Raninagar
Banur, Teh-Rajpura
Punjab-140601

Dr. Pertik Garg
Principal



Prof. (Dr.) Sanjeev Saini
Director

Books Authored (Academic Year: 2021-22)

Sr. 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 number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Ms. Vandana	Big Data Analytics (Book)	NA	NA	NA	NA	2021-22	978-93-5515-749-2	Swami Vivekanand Institute of Engineering & Technology	Book Rivers
2	Ms. Vandana	Cloud Computing (Book)	NA	NA	NA	NA	2021-22	978-93-9377-213-8	Swami Vivekanand Institute of Engineering & Technology	Pinnacle EDUCARE, Pune
3	Dr. Pertik Garg	Artificial Intelligence Revisited (Book)	NA	NA	NA	NA	2021-22	979-88-8717-407-5	Swami Vivekanand Institute of Engineering & Technology	Notion Press, Chennai



Principal
SVIET, Vill. Ramnagar
Banur, Teh-Rajpura
Punjab-140601

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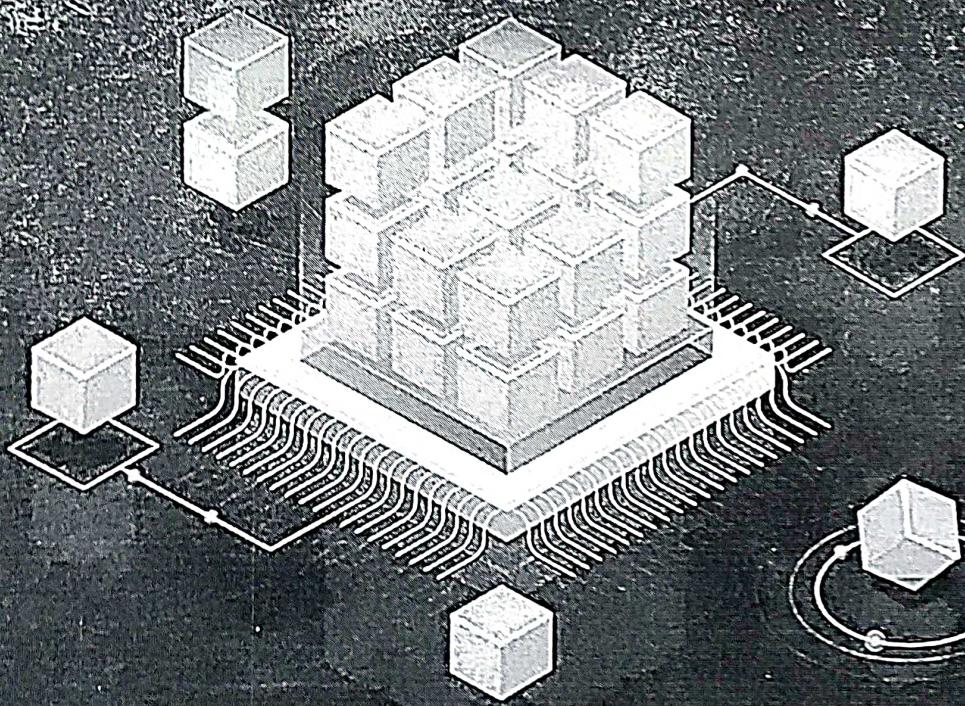
info@sviet.ac.in

www.sviet.org.in | www.sviet.ac.in



Chandigarh-Patiala National Highway, Vill. Ram Nagar, Near Banur, Teh. Rajpura, Distt. Patiala- 140601

BIG DATA ANALYTICS



Prof. (Dr.) R. K. Bathla
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Prof. (Dr.) R. K. Batra is working as a Professor in Computer Science Department at Desh Bhagat University, Max. Doctorate in India. His Qualification is M.Tech, Ph.D Post Doctorate in Computer Science. He has 21 years' experience in the field of Computer Science/Information Technology. He has published over 100 Research papers in SCI, Scopus, Springer and IEEE. He has 40 Patents Published and Granted in his name at National and International level. He has been guiding 08 Ph.D. scholars in his supervision, 05 have been awarded degree. In over 50s International journals, he is in editorial board or working as reviewer. He has been awarded India Top 100 Best Researcher Winner 2022 by India Prime Award.



Vandana Ahuja is working as an Assistant Professor in Computer Science & Engineering department at Swami Vivekanand Institute of Engineering and Technology, Punjab, India. She has 11 years' experience in the field of Computer Science/Information Technology. She has published more than 20 Research papers. She has 6 Patents Published at National and International level. She has been guiding 10 M. TECH scholars in her supervision.



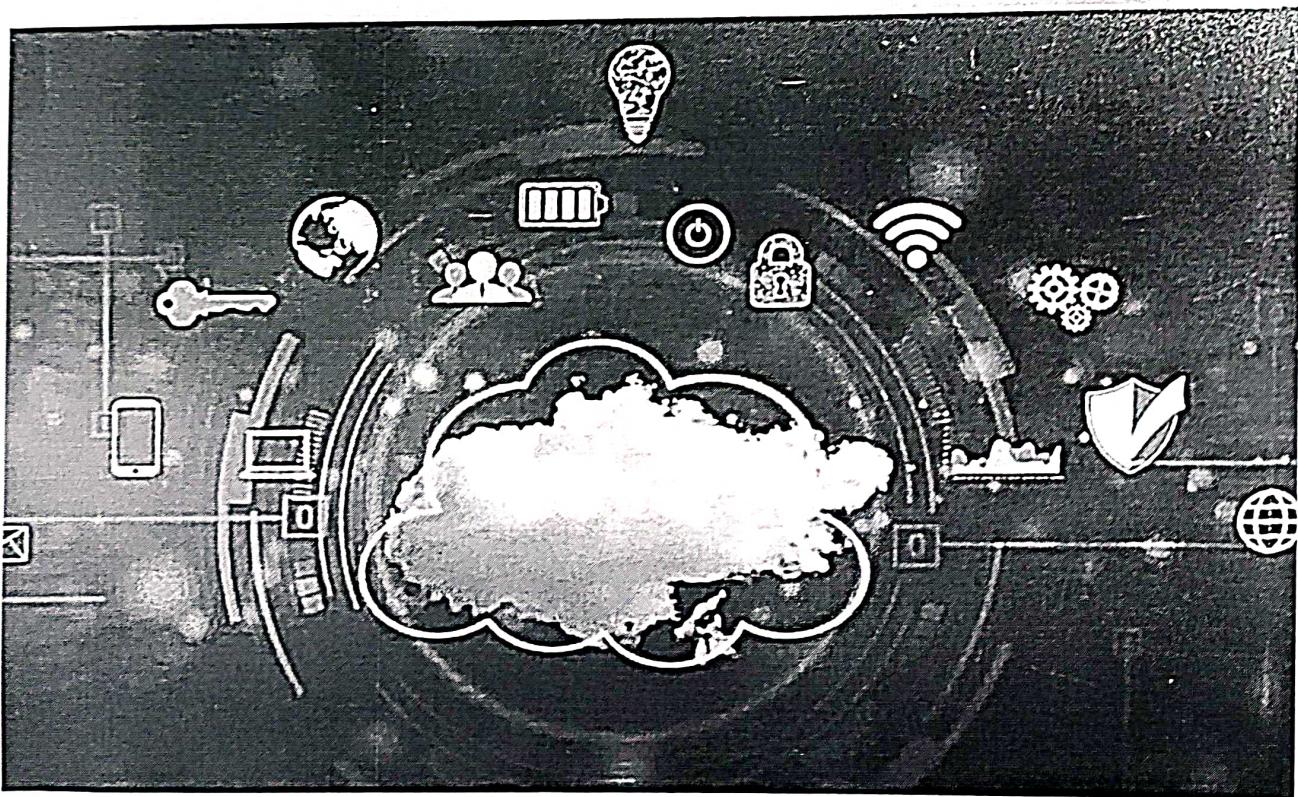
Ms. Poonam Bhargav is a Lecturer in Computer Science at Jazan University, Kingdom of Saudi Arabia since August 2012. She holds a Master in Technology (Computer Science) degree from Banasthali University, India. She also qualified National Eligibility Test for Lectureship in Computer Science, conducted by University Grant Commission, Government of India. She carries 15 years of academic experience at national and international level. Prior to Jazan University she worked at engineering colleges in India and as Expert faculty at a polytechnic college in Nepal through Government of India. She has two patents granted and published in her name, one from Government of Australia and other from Government of India.



Ms. Kiran Bala is a Lecturer in Computer Science department at Jazan University, Kingdom of Saudi Arabia since September 2010. She holds a Master's in Computer Applications degree from Indra Gandhi National Open University, India. She carries 14 years of academic experience at national and international level.



CLOUD COMPUTING



Mr. Abdul Shareef Pallivalappil

Prof. (Dr.) R. K. Bathla

Mr. Prabal Kumar Joshi

Ms. Vandana



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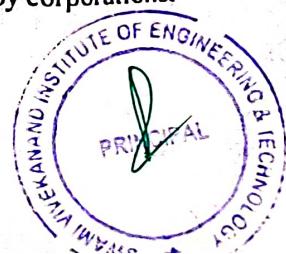
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CLOUD COMPUTING

Mr. Abdul Shareef Pallivalappill is an assistant professor and a security forensic analyst with experience in the fields of cloud computing, cyber security, digital forensics and incident response. He has collaborated with law enforcement authorities as well as businesses, and has provided assistance in a number of cybercrime investigations. He is based in Bangalore, India, and is also a passionate musician as well as a vibrant researcher in the technological field.



Prof. (Dr.) R. K. Bathla is working as a Professor in Computer Science Department at Desh Bhagat University, Mandi Gobindgarh, Punjab, India. He has 21 years experience in the field of Computer Science/Information Technology. He has published over 100 Research papers in SCI, Scopus, Springer and IEEE. He has 40 Patents Published and Granted in his name at National and International level. He has been guiding 08 Ph.D. scholars in his supervision. 05 have been awarded degree. In over 50s International journals, he is in editorial board or working as reviewer. He has been awarded India Top 100 Best Researcher Winner 2022 by India Prime Award.



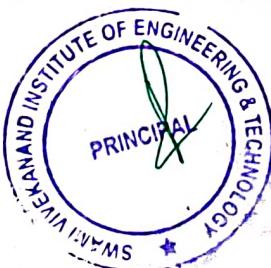
Mr. P. K. Joshi is working as a Officiating Principal in Guru Nanak National College Nakodar, Jalandhar from last 1 year and he was Associate Professor in P. G. Department of Computer Science and Application at Guru Nanak National College Nakodar, Jalandhar, Punjab, India. He has 21 years Teaching experience in the field of Computer Science & Information Technology. 1 year experience in India Times dot com. 2 year experience in programming in Lateral Management Computer consultant , Mumbai. He has done Masters of Computer Application in 1998 and He is Research Scholer in Desh Bhagat University, Mandi Gobindgarh. He has Attended more then 10 FDP and 12 papers presented in various colleges. 5 Short term course. and 2 Session Chairs. Best teacher award presented by local administration.



Ms. Vandana is working as a Assistant Professor in Computer Science & Engineering department at Swami Vivekanand Institute of Engineering and Technology , Punjab, India. She has 11 years experience in the field of Computer Science Information Technology. She has published over 20 Research papers in . She has 6 Patents Published and Granted in her name at National and International level. She has been guiding 10 M TECH scholars in her supervision.



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Patents (Academic Year: 2021-22)

S. No.	Application No.	Title of Invention	Name of Inventors	Date of Application Filing	Date of Publication
1	202111057119	Intelligent Cybercrime protection method based on cyber security standard for messaging platforms	Ms. Vandana	08-12-2021	17-12-2021
2	202111060104	System for wearable and real time telemedical health care using artificial intelligence and internet of things	Ms. Vandana	22-12-2021	31-12-2021
3	202211000856	Intelligent Management System for Wearable Medical Sensor networks in Telemedicine-based applications with deep learning techniques	Mr. Manik Dhiman	06-01-2022	14-01-2022
4	202211011330	Machine Learning and IOT based intelligent system for monitoring health of vehicle battery	Ms. Vandana	02-03-2022	11-03-2022



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Punjab-140601

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Director

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 Ministry of Commerce & Industry,
 Government of India

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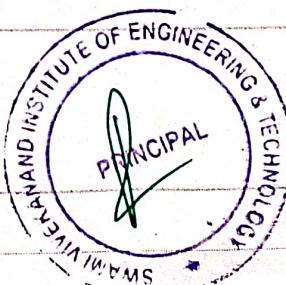


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Application Details

APPLICATION NUMBER	202111057119
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/12/2021
APPLICANT NAME	1 . Ms. Kiran Kumari 2 . Ms. Vandana 3 . Dr. P. Pachaiyappan 4 . Deepak Jyoti 5 . Pragya Tewari 6 . Prof.(Dr.) R.K. Bathla 7 . Savita Arora 8 . Mr. Sujeet Kumar 9 . Megha Sharma 10 . Dr. Ashish Manohar Urkude
TITLE OF INVENTION	INTELLIGENT CYBERCRIME PROTECTION METHOD BASED ON CYBER SECURITY STANDARD FOR MESSAGING PLATFORMS
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	patentpublication@gmail.com
ADDITIONAL-EMAIL (As Per Record)	patentpublication@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	17/12/2021

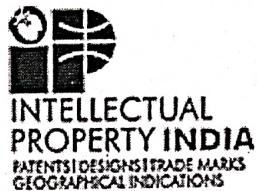
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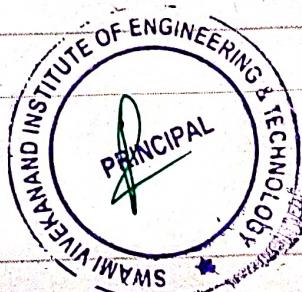


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Application Details

APPLICATION NUMBER	202111060104
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/12/2021
APPLICANT NAME	<p>1 . Ms. Vandana</p> <p>2 . Prof. Sunil Kr Pandey</p> <p>3 . Prof (Dr.) Pragi</p> <p>4 . Dr. Garima Kapoor</p> <p>5 . Dr. Ravi Kant</p> <p>6 . Davinder Kumar</p> <p>7 . Dr Umesh Sehgal</p> <p>8 . Er. Amanpreet Singh</p> <p>9 . Mrs. Neetu Bhadouria</p> <p>10 . Prof.(Dr.) R.K. Bathla</p> <p>11 . Mr. Ankush Bathla</p>
TITLE OF INVENTION	SYSTEM FOR WEARABLE AND REAL TIME TELEMEDICAL HEALTH CARE USING ARTIFICIAL INTELLIGENCE AND INTERNET OF THINGS
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	patentpublication@gmail.com
ADDITIONAL-EMAIL (As Per Record)	patentpublication@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	31/12/2021

Application Status





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Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

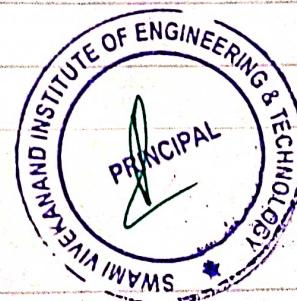
(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202211011330
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/03/2022
APPLICANT NAME	<p>1 . Ms. Vandana</p> <p>2 . K. Ramalingeswara Prasad</p> <p>3 . Dr. Sumit Saini</p> <p>4 . Gaurav Kumar Arora</p> <p>5 . Prabal Kumar Joshi</p> <p>6 . Punit Sharma</p> <p>7 . Sandeep Kumar Jindal</p> <p>8 . Abhishek Saxena</p> <p>9 . Vishwesh Nagamalla</p> <p>10 . Dr. Varun Sharma</p> <p>11 . Prof.(Dr.) R.K. Bathla</p>
TITLE OF INVENTION	MACHINE LEARNING AND IOT BASED INTELLIGENT SYSTEM FOR MONITORING HEALTH OF VEHICLE BATTERY
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	patentpublication@gmail.com
ADDITIONAL-EMAIL (As Per Record)	patentpublication@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/03/2022



Application Status

OTHER ACHIEVEMENTS

(ACADEMIC YEAR: 2021-22)

Honours and Recognitions Received by Faculty Members

Sr. No.	Name of the Awardee	Name of the Award/Recognition	Name of the Awarding Government/Government Recognised Bodies
1	Mr. Ashok Kumar Garg	Appreciation Award	Punjab Unaided college association



Principal
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Banur, Teh-Rajpura
Punjab-140601

Dr. Pertik Garg
Principal



Prof. (Dr.) Sanjeev Saini
Director

Certificates of Honours and Recognitions

Received by Faculty Members



Faculty Members attended online/face-to-face Faculty Development Programmes/Short Term Courses/Workshops/Seminars

Sr. No.	Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
1	Ms. Kiranjeet Kaur	Faculty Development Program on Enhancement of Effective Communication Skills	15-07-2021 to 16-07-2021
2	Ms. Harpeet Kaur		15-07-2021 to 16-07-2021
3	Ms. Jaspreet Kaur		15-07-2021 to 16-07-2021
4	Mr. Manik Dhiman		15-07-2021 to 16-07-2021
5	Ms. Meenakshi Sharma		15-07-2021 to 16-07-2021
6	Ms. Komal Sood		15-07-2021 to 16-07-2021
7	Ms. Lakshita		15-07-2021 to 16-07-2021
8	Mr. Anmol Chhabra		15-07-2021 to 16-07-2021
9	Mr. Vivek Kumar		15-07-2021 to 16-07-2021
10	Mr. Harjinder Singh		15-07-2021 to 16-07-2021
11	Ms. Sushma Rani		15-07-2021 to 16-07-2021
12	Ms. Vandana		15-07-2021 to 16-07-2021
13	Mr. Prince sood		15-07-2021 to 16-07-2021
14	Ms. Ritika Mishra		15-07-2021 to 16-07-2021
15	Ms. Priyanka Sood		15-07-2021 to 16-07-2021
16	Mr. Aaryanjeet Singh		15-07-2021 to 16-07-2021
17	Ms. Sumati	Faculty Development Program on Implementation of National Education Policy	21-09-2021 to 21-09-2021
18	Mr. Akshay Kumar		21-09-2021 to 21-09-2021
19	Ms. Daizy Sharma		21-09-2021 to 21-09-2021
20	Ms. Priyanka		21-09-2021 to 21-09-2021
21	Ms. Ekta		21-09-2021 to 21-09-2021
22	Ms. Nisha		21-09-2021 to 21-09-2021
23	Ms. Shivani Anand		21-09-2021 to 21-09-2021
24	Ms. Vishali		21-09-2021 to 21-09-2021
25	Mr. Arun Kumar		21-09-2021 to 21-09-2021
26	Ms. Garima Sharma		21-09-2021 to 21-09-2021

27	Ms. Sujata Tandon		21-09-2021 to 21-09-2021
28	Ms. Meenakshi Sharma		21-09-2021 to 21-09-2021
29	Ms. Gurwinder kaur		21-09-2021 to 21-09-2021
30	Ms. Kiranjeet Kaur		21-09-2021 to 21-09-2021
31	Mr. Rajat Gupta		25-11-2021 to 26-11-2021
32	Ms. Komal Dhiman		25-11-2021 to 26-11-2021
33	Ms. Komal Sood		25-11-2021 to 26-11-2021
34	Mr. Navdeep Randhawa		25-11-2021 to 26-11-2021
35	Mr. Hardeep Singh		25-11-2021 to 26-11-2021
36	Ms. Kiran Bala		25-11-2021 to 26-11-2021
37	Ms. Sujata Tandon		25-11-2021 to 26-11-2021
38	Mr. Ishant premi		25-11-2021 to 26-11-2021
39	Ms. Roop Shikha		25-11-2021 to 26-11-2021
40	Ms. Manju Bala Goel		25-11-2021 to 26-11-2021
41	Ms. Tanika Thakur		25-11-2021 to 26-11-2021
42	Ms. Saneha		25-11-2021 to 26-11-2021
43	Ms. Kulbir Kaur		25-11-2021 to 26-11-2021
44	Ms. Lakshita		25-11-2021 to 26-11-2021
45	Ms. Neha Sharma		25-11-2021 to 26-11-2021
46	Ms. Yashu		25-11-2021 to 26-11-2021
47	Dr. Meenu Rohilla		25-11-2021 to 26-11-2021
48	Ms. Manpreet kaur		25-11-2021 to 26-11-2021
49	Ms. Kiranjeet Kaur		25-11-2021 to 26-11-2021
50	Ms. Richa Verma		25-11-2021 to 26-11-2021
51	Mr. Aryanjeet Singh		25-11-2021 to 26-11-2021
52	Mr. Manik Dhiman		25-11-2021 to 26-11-2021
53	Ms. Gurpreet Kaur	Faculty Development Program on current trends in Management Research	29-12-2021 to 30-12-2021
54	Ms. Navdeesh		29-12-2021 to 30-12-2021
55	Mr. Sandeep Chauhan		29-12-2021 to 30-12-2021
56	Ms. Abha Sharma		29-12-2021 to 30-12-2021

57	Ms. Harpreet Kaur		29-12-2021 to 30-12-2021
58	Ms. Nisha Chawla		29-12-2021 to 30-12-2021
59	Ms. Ramanpreet Kaur		29-12-2021 to 30-12-2021
60	Mr. Muzzafer Ahmad		29-12-2021 to 30-12-2021
61	Ms. Sonia Gundwani		29-12-2021 to 30-12-2021
62	Ms. Kanchan Verma		29-12-2021 to 30-12-2021
63	Mr. Aaseesdeep Singh		29-12-2021 to 30-12-2021



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Punjab-140601

Dr. Pertik Garg
Principal



Prof. (Dr.) Sanjeev Saini
Director

**Certificates of Faculty Members attended
online/face-to-face Faculty Development
Programmes/Short Term
Courses/Workshops/Seminars**



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CERTIFICATE OF PARTICIPATION

This is to certify that

Mr./Mrs. Kiranjeet Kaur has successfully completed

two days Faculty Development Program on "Enhancement of Effective Communication Skills"

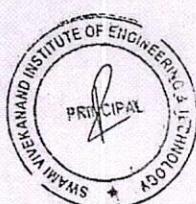
organized by Swami Vivekanand Institute of Engineering & Technology on 15th July - 16th July 2021.

We applaud for their unwavering commitment and enthusiastic dedication to advancing their professional expertise.

Dr. Pertik Garg
(Principal)

Mr. Ashok Garg
(President)

Mr. Ashwani Garg
(Chairman)





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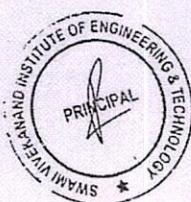
Mr./Mrs. Jaspreet Kaur has successfully completed
two days Faculty Development Program on "Enhancement of Effective Communication Skills"
organized by Swami Vivekanand Institute of Engineering & Technology on 15th July - 16th July 2021.

We applaud for their unwavering commitment and enthusiastic dedication to advancing their
professional expertise.

Dr. Pertik Garg
(Principal)

Mr. Ashok Garg
(President)

Mr. Ashwani Garg
(Chairman)





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CERTIFICATE OF PARTICIPATION

This is to certify that

Mr./Mrs. Harjinder Singh has successfully completed

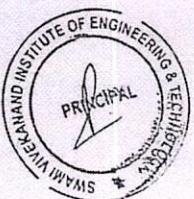
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(Principal)

Mr. Ashok Garg
(President)

Mr. Ashwani Garg
(Chairman)





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CERTIFICATE OF PARTICIPATION

This is to certify that

Mr./Mrs. Vandana Rani has successfully completed

two days Faculty Development Program on "**Enhancement of Effective Communication Skills**"

organized by Swami Vivekanand Institute of Engineering & Technology on 15th July - 16th July 2021.

We applaud for their unwavering commitment and enthusiastic dedication to advancing their professional expertise.

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(Chairman)

