

10. Ph.D. Supervised

S. No.	Name of the Ph.D. scholar	Title of the thesis	Year of registration of the scholar	Year of award of Ph.D.
1	Dr Surya Pratap Singh	A Study of Security Implications in Various Types of Databases	2014	2017
2	Dr Avinash Singh	Study and Analysis of Various Wireless Network Scenarios and Performance Enhancements	2014	2022
3	Mr Arvind Kumar Maurya	Study and Analysis of Security Implications in Distributed Database in present Scenario	2016	2023
4	Dr Munish Saran	Study, Analysis and Performance Enhancement of Network Intrusion Detection System for Cloud Computing Security using Machine Learning Techniques	2019-20	2024
5	Ms. Pranjali Maurya	Mechanism For Finding Efficient Routing Approach In Iot Based Applications Using Machine Learning Algorithms	2019-20	pursuing
6	Ms. Sangeeta Devi	Study Analysis and Performance Enhancement of Some Real World Application Using Data Science	2019-20	Pursuing
7	Mr. Rajan Kumar Yadav	Study and Analysis to Enhance the data Security in Cloud Computing Environment using Hybrid Encryption Algorithms	2020-21	Pursuing

11. Research/Review Papers published

S. No.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link of the recognition in UGC enlistment of the Journal	Is it listed in UGC Care list/Scopus/Web of Science/other; Mention
						Link to the website of the journal	
1	Multilevel Hashing based Access Control for Authentication and Security in Relation Database Management System Page: 80-84, Feb 2016	Surya Pratap Singh, Manish Mishra, Upendra Nath Tripathi	Int. J of Recent and Innovative Trends in Computing and Communication	2016	2321-8169	https://ijritcc.org/	copernicus
2	Preserving Database Confidentiality Using User Key Based encryption Page : 33-41 , Oct, 2016	Surya Pratap Singh, Manish Mishra, Upendra Nath Tripathi	International Journal Of Engineering Sciences & Research Technology	2016	2277-9655	www.ijesrt.com	copernicus
3	Preserving Database Confidentiality Using Modified User Supplied Key Based Encryption Page: 274-281, Dec 2016	Surya Pratap Singh, , Upendra Nath Tripathi	International Journal Of Engineering Sciences & Research Technology	2016	2277-9655	www.ijesrt.com	copernicus
4	Enforcing Distributed Database Security using Multi-Scope based Authentication and Enhanced Distributed Firewall Page: 1-5, Aug-2017	Surya Pratap Singh, Arvind Kumar Maurya,Manish Mishra, Upendra Nath Tripathi	Int. J. of Emerging Research in Management & Technology	2017	2278-9359	journals.indexcopernicus.com/search/details?id=35001	copernicus
5	A Secure And Robust Congestion Control Model With Fragmentation For Clustered Distributed Database System Page : 337-342 September, 2017	Arvind Kumar MAurya,Surya Pratap Singh, Manish Mishra, Upendra Nath Tripathi	International Journal of Advanced Research in Computer Science	2017	0976-5697	http://www.ijarcs.info	Scopus
6	SECURE AND INTELLIGENT POWER MANAGEMENT SCHEMA FOR HETEROGENOUS DISTRIBUTED WIRELESS MULTIMEDIA SENSOR NETWORKS	Avinash Singh,Surya Pratap Singh,Arvind Kumar Maurya, Upendra Nath Tripathi	International Journal of Advanced Research in Computer Science	2017	0976-5697	http://www.ijarcs.info	scopus

	Page 520-524 Sep-Oct 2017						
7	Protecting Scattered Database by Enforcing Data Preservation Using Data Protection Facilitator Page 169-172 May-2016	Akhilesh Kumar Mishra, Surya Pratap Singh, Harsha Gupta, Upendra Nath Tripathi	Int. J of Recent and Innovative Trends in Computing and Communication	2016	2321-8169	https://ijritcc.org/	copernicus
8	Simulation of Co-axial Carbon Nanotube Field Effect Transistor (CNTFET) using Nanohub	G.K.Pandey, U.N. Tripathi, Manish Mishra	Journal of ultra scientist of physical sciences	2017	2319- 8052	https:// ultrascientist.org	Science Direct (Elsevier)
9	Study of Silicon Nanowire Field Effect Transistor With Different Oxide Material Using Fettoy Simulator Page: 111-118 September, 2017	Manish Mishra, Abhinav Shukla, U.N. Tripathi	Bulletin of Pure and Applied Sciences	2017	0970-6569	https:// bpasjournals.com/	Indian Citation Index
10	C-V Characterization of MOS in The Presence ofHCl For Oxidation Process Page: 55-62 December, 2017	Manish Mishra, Abhinav Shukla, U.N. Tripathi	International Journal of Multidisciplinary research and advances in Engineering	2017	0975-7074	www.ascent-journals.com	Directory of Open Access Journals (Sweden)
11	Design and Simulation of Reconfigurable Logic Circuits using CNTFETs Page: 45-50 January, 2018	Abhinav Shukla, U.N. Tripathi, Manish Mishra	Journal of ultra scientist of physical sciences	2018	2319- 8044	https:// ultrascientist.org	Science Direct (Elsevier)
12	Top Gate Planner Carbon Nanotube Field Effect Transistor using Nanohub Page: 4960-4965 April, 2018	G.K.Pandey, U.N. Tripathi, Manish Mishra	International Journal of Applied Engineering Research	2018	0973-4562	www.ripublication.com/ijaer.htm	Scopus, copernicus
13	Combined Strategy for Cellular Traffic Congestion Management Page 12-19 August 2017	Avinash Singh,Surya Pratap Singh,Arvind Kumar Maurya, Upendra Nath Tripathi	Int. J. of Emerging Research in Management & Technology	2017	2278-9359	journals.indexcopernicus.com/search/details?id=35001	copernicus
14	Protection of Data Stored in Transparent Database System using Encryption	Arvind Kumar maurya, Avinash Singh, Unnati	Journal of Computer and mathematical	2019	0976-5727	www.compmath-journal.org	copernicus

		Dubey, Shivansh Pandey, Upendra Nath Tripathi	Sciences				
15	Implenting Security Services in VANET using Cryptography based on Artificial Neural Network	Avinash Singh, Aditi Chaturvedi, Arvind Kumar Maurya, Manish Mishra, Upendra Nath Tripathi	Journal of Computer and mathematical Sciences	2019	0976-5727	www.compmath-journal.org	copernicus
16	Cooperative Game Theory Approaches to manage Traffic Congestion in Wireless Netowrk	Avinash Singh, A.K. Maurya, Surya pratap Singh, Himanshu pandey, Upendra Nath Tripathi	Bulletin of Pure and Applied Sciences	2019	0970-6577	https://bpsjournals.com/	Indian Citation Index
17	N-Point Fast DIT-FFT Processor Using Signed Digit Number System, vol3(2), 2010(336-340)	Manish Mishra, P. Bharti, U. N. Tripathi, S.K. Sharma	International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences	2010	0974-3588	----	-----
18	A Structure Based Computer Grammar to understand Simple and Compound English Sentences, vol2, no2,2009(291-299)	Himanshu pandey, S.P. Upadhyay, U.N. Tripathi	International Transactions in Mathematical Sciences & Computer	2009	0974-5068	https://aacsjournals.com	Asian Science Citation
19	Floating Point Implementation on FPGA for Floating Point Arithmetic Logic Unit, Vol2(2), 2011(190-197)	Subhash K Sharma, Upendra Nath Tripathi, Vinodini Katiyar, Shailendra Sahani,	Journal of Computer and Mathematical Sciences	2011	0976-5727	www.compmath-journal.org	Copernicus
20	Cost-Model for Joins Using Star Query Optimizations, Vol1(1), 2012(80-82)	Upendra Nath Tripathi, Himanshu pandey	International Journal of Current Sciences and Technology	2012	2278-6198	journals.indexcopernicus.com/search/details?id=34239	Copernicus
21	A Study of Query Optimization in Non-Centralized Environments, Vol3(6), 2012(563-569)	Upendra nath Tripathi, Himanshu Pandey	Journal of Computer and Mathematical Sciences	2012	0976-5727	www.compmath-journal.org	Copernicus
22	FDI in Indian Retail Market: The Proxy Way of Using Game Theory by Multinational Companies in Indian	Himanshu pandey, Upendra nath Tripathi, Avinash Singh, Ashutosh	Association for Advancement in Combinatorial Sciences	2013	0975-3761	-----	-----

	Market(2013)	Pandey,					
23	A Study of Distributed Data Mining with Reference to Architecture, Classification, Association & Cluster(2013)	Shailendra Sahani, Upendra Nath Tripathi, Vinodini katiyar, Subhash k Sharma	Association for Advancement in Combinatorial Sciences	2013	0975-3761	----	-----
24	Query Processing through Short Message from GSM Devices with Visual C++ Interface Using SQL Database, Vol2(2), 2013(87-90)	Upendra nath Tripathi, Avinash Singh, manish Mishra	International Journal of Current Sciences and Technology	2013	2278-6198	journals.indexcopernicus.com/search/details?id=34239	Copernicus
25	Role of Un-conventional Number System in Fast Computational System, Vol3(1), 2014(33-41)	Roopak K Verma, Manish Mishra, Amresh Kumar, U. N. Tripathi	International Journal of Current Sciences and Technology	2014	2278-6198	journals.indexcopernicus.com/search/details?id=34239	Copernicus
26	Game Theory Based Dynamic Bandwidth Allocation of Wireless Network, Vol3(1), 2014(42-47)	Upendra nath Tripathi, Avinash Singh, Manish Mishra	International Journal of Current Sciences and Technology	2014	2278-6198	journals.indexcopernicus.com/search/details?id=34239	Copernicus
27	Detection and prevention of SQL Injection Attack using Hashing Technique, Vol2(9), 2014	Surya Pratap Singh, Upendra Nath Tripathi, Manish Mishra	International Journal of Modern Communication Technologies & Research	2014	2321-0850	www.erpublishing.org/ijmctr/	Copernicus
28	Protecting Database from Malicious Transactions by Intrusion Detection Using TAP and RBLM Vol5(6), 3017-3021, 2014	Surya Pratap Singh, Upendra Nath Tripathi, Manish Mishra	International Journal of Computer Technology & Application	2014	2229-6093	journals.indexcopernicus.com/search/details?id=21616	Scopus
29	Security Implications in Database in Web Based Environment, Vol4(4), April 2015	Surya Pratap Singh, Upendra Nath Tripathi, Manish Mishra	International Journal of Engineering Research & Technology	2015	2278-0181	www.ijert.org	ResearchGate
30	Proactive Mechanism of Protection against SQL Injection Attack, Vol3(3), 2015(2786-2789)	Surya Pratap Singh, Avinash Singh, Upendra nath Tripathi, manish Mishra	International Journal of Scientific Research and management	2015	2321-3418	www.ijerm.in/index.php/ijerm	Copernicus
31	64 Point Radix-4 FFT Butterfly Realization using FPGA, Vol4(4), Oct 2014	Amaresh kumar, U.N.Tripathi, Roopak K Verma, Manish Mishra	International Journal of Engineering and Innovative technology	2014	2277-3754	www.ijeit.com	Copernicus
32	Enforcing Database Security in Un-trusted Environment by using Multisession and biometrics based	Surya pratap Singh, Avinash Singh, Upendra Nath Tripathi	International Journal of Emerging Research in Management &	2015	2278-9359	journals.indexcopernicus.com/search/details?id=35001	Copernicus

	Authentication, Vol4(5), 2015		technology				
33	Enforcing Database Security using Encryption and Secure Database Catalog	Surya Pratap Singh, Akhilesh Kumar Mishra, Arvind Kumar Maurya, Upendra Nath Tripathi	International Journal of Engineering Research & Technology	2016	2278-0181	www.ijert.org	ResearchGate
34	Using Extensive Database Firewall to secure Relational Database Management System against SQL Injection Attack	Surya pratap Singh, Avinash Singh, Upendra Nath Tripathi, Avinash Singh	International Journal of Innovative Research in Computer & Communication Engineering	2016	2320-9798	www.ijircce.com	Science Central
35	Security in Distributed Database System: A Survey	Arvind Kumar maurya, Avinash Singh, Upendra Nath Tripathi , Shivansh Pandey, Dinesh Singh	Journal of Computer and mathematical Sciences	2020	0976-5727	www.compmath-journal.org	Copernicus
36	Mobile Cloud Computing Security and its Challenges	Rajan Kumar Yadav, Munish Saran, Pranjali Maurya, Sangeeta Devi, Upendra Nath Tripathi	International Journal of Innovative Research in Engineering & management	2022	2350-0557	www.ijirem.org	Indian Citation Index
37	A Survey for Secure Riuting Protocol Used in Internet of Things(IoT)	Pranjali Maurya, Sangeeta Devi, Munish Saran, Rajan Kumar Yadav, Upendra Nath Tripathi	International Journal of Innovative Research in Engineering & management	2022	2350-0557	www.ijirem.org	Indian Citation Index
38	A comprehensive Review for Detection and Prevention Techniques for SQL Injection Attack in Cloud Computing	Munish Saran, Rajan Kumar Yadav, Pranjali Maurya, Sangeeta Devi, Upendra Nath Tripathi	International Journal of Innovative Research in Engineering & management	2022	2350-0557	www.ijirem.org	Indian Citation Index
39	Using different Methodologies of Data Science to Find Comparison Between Them for Cyber Security	Sangeeta Devi, Pranjali Maurya, Munish Saran, Rajan Kumar Yadav, Upendra Nath Tripathi	International Journal of Innovative Research in Engineering & management	2022	2350-0557	www.ijirem.org	Indian Citation Index
40	A comprehensive review of threats, risks, attacks and secure	Munish Saran, Upendra Nath	JOURNAL OF XI'AN UNIVERSITY OF	2021	1006-7930	www.xajzkjdx.cn	Scopus

	defence mechanisms in Cloud Computing	Tripathi	ARCHITECTURE & TECHNOLOGY				
41	Machine Learning based Security for Cloud Computing: A Survey	Munish Saran, Rajan Kumar Yadav and Upendra Nath Tripathi	International Journal of Applied Engineering Research (IJAER)	2022	0973-4562	www.rippublication.com	Indian Citation Index
42	Review for a SaaS based cloud attack	Munish Saran, Upendra Nath Tripathi	INTERNATIONAL JOURNAL FOR INNOVATIVE RESEARCH IN MULTIDISCIPLINARY FIELD	2022	2455-0620	www.ijirmf.com	Copernicus
43	A Survey On Virtualization Technology and its Security Challenges in Mobile Cloud Computing	Rajan Kumar Yadav, Munish Saran and Upendra Nath Tripathi	International Journal of Applied Engineering Research (IJAER)	2022	0973-4562	www.rippublication.com	Indian Citation Index
44	Approaches for enhancing security using agent – Driven Authentication in Distributed Environment	Arvind Kumar Maurya, Avinash Singh, Upendra Nath Tripathi	International journal of Research and Analytical Review (IJRAR)	2022	2349-5138	www.ijrar.org	ResearchGate
45	Cloud Mining Based Congestion Control Blockchain DB	Arvind Kumar Maurya, Avinash Singh, Upendra Nath Tripathi	International Journal of Science and Research (IJSR)	2022	2319-7064	www.ijsr.net	CrossRef
46	Mitigation from DDoS attack in Cloud Computing using Bayesian Hyperparameter Optimization based Machine Learning Approach	Munish Saran, Rajan Kumar Yadav, Upendra Nath Tripathi	International Journal for Research Trends and Innovation	2022	2456-3315	www.ijrti.org	Copernicus
47	A Comprehensive Review of Data Security in Cloud Computing Environment using Cryptographic Algorithms	Rajan Kumar Yadav, Munish Saran, Upendra Nath Tripathi	International Journal for Research Trends and Innovation	2022	2456-3315	www.ijrti.org	Copernicus
48	A Survey Report of Different Technique or component for Dimensionality Reduction in	Sangeeta Devi, Munish Saran, Rajan Kumar Yadav, Upendra Nath	i-manager's journal on Software Engineering (JSE)	2022	0973-5151	www.imanagerpublications.com	ICI

	Data Science	Tripathi					
49	E-Governance with Cloud Computing	Munish Saran, Rajan Kumar Yadav, Sangeeta Devi, Upendra Nath Tripathi	journal of Cloud Computing	2022	Print: 2349-6835 Online: 2350-1308	www.imanagerpublications.com	ICI
50	A novel Methodology for Enhancing Intrusion Detection System	Munish Saran, Rajan Kumar Yadav, Pranjali Maurya, Sangeeta Devi, Upendra Nath Tripathi	journal on Software Engineering (JSE)	2023	0973-5151	www.imanagerpublications.com	ICI
51	Hybrid DES-RSA Model for the Security of Data Over Cloud Storage	Rajan Kumar Yadav ,Munish Saran ,Pranjali Maurya, Sangeeta Devi, Upendra Nath Tripathi	International Journal of Computer Science and Engineering	2023	2347-2693	www.ijcseonline.org	ICI
52	A Secure Framework based on Sensor Cloud Architecture for Efficient Street Monitoring in Smart Cities using Enhanced Elliptic Curve Encryption	Rajan Kumar Yadav ,Munish Saran, Upendra Nath Tripathi	International Journal of Computer Sciences and Engineering	2024	2347-2693	www.ijcseonline.org	ICI

12. Books and chapters in edited volumes / books published

Books

S No.	Title of the book	National / international	Year of publication	ISBN number	Affiliating Institute at the time of publication	Name of the publisher
1	Digital Electronics: An Introduction (First Edition 2008)	National	2008	978-81-925879-7-4	DDU Gorakhpur University	Shrinkhala Publishing House, Faizabad.
2	Introduction to C programming (First Edition 2008)	National	2008	978-81-925879-6-7	DDU Gorakhpur University	Shrinkhala Publishing House, Faizabad.
3	Communication Electronics (First Edition 2015)	National	2015	93-81284-52-0	DDU Gorakhpur University	Rishabh Publication- New Delhi 978-
4	Introduction to Computer Science (First Edition 2015)	National	2015	978-93-81284-53-7	DDU Gorakhpur University	Rishabh Publication New Delhi
5	Programming in C#(First Edition in 2015)	National	2015	978-9381771-25-9	DDU Gorakhpur University	Savera Publishing House, New Delhi
6	Cyber Security:: Challenges and Opportunities in 21 st Century((First Edition 2014)	National	2014	978-81-7445-566-6	DDU Gorakhpur University	Mohit Publication, New Delhi

Chapters

S No.	Title of the chapter	National / international	ISBN number	Affiliating Institute at the time of publication	Name of the publisher
1	Security Implications and Countermeasures in Distributed Database Environment	National	978-93-84224-49-3	DDU Gorakhpur University	Victorious Publishers(India)
2	Minimizing Call Drop Rate in Cellular Wireless Network	National	978-93-84224-46-2	DDU Gorakhpur University	Victorious Publishers(India)
3	Using Biometric Based Authentication to Protect Distributed Database Against Various Security Issues	National	978-93-84224-49-3	DDU Gorakhpur University	Victorious Publishers(India)
4	Neuro-Fuzzy Logic based Railway Unmanned Level Crossing Gate Operational and Monitoring System	National	978-93-85777-31-8	DDU Gorakhpur University	Excel India Publishers
5	Speed Optimized Realization of Digital Filters using Signed Digit Number System	National	978-93-85777-32-5	DDU Gorakhpur University	Excel India Publishers
6	Guarding Relational Database Management System against SQL Injection Attack	National	978-81-910626-9-4	DDU Gorakhpur University	Eternal Publication(India)
7	Indian Internal Security: Need of an e-force	National	978-93-82171-01-0	DDU Gorakhpur University	Pratish Publications
8	Challenges and Opportunities in Artificial Intelligence	National	978-81-949053-6-3	DDU Gorakhpur University	Sapatarshi Publications
9	Challenges of database management System	National	978-81-949053-6-3	DDU Gorakhpur University	Sapatarshi Publications
10	Challenges in Centralized Systems and Potential Solutions	National	978-81-949053-6-3	DU Gorakhpur University	Sapatarshi Publications

13. Papers in national/international conference-proceedings

S No.	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
1	Indian Internal Security: Need of an e-force(279-287)	National seminar on "India's Internal Security: present and Future" organized by Deptt of Defence & Strategic Studies, DDU GKP Univ. Gorakhpur	National	2012	978-93-82171-01-0	DDU Gorakhpur University
2	Modelling and Simulation of MEMS based Comb-Type Capacitive Micro-Accelerometer(108-109)	National seminar on "Active and Smart materials" organized by Deptt of Applied Science, MMM Engineering College, Gorakhpur	National	2012	978-93-82062-10-3	DDU Gorakhpur University
3	Optical properties of chalcogenide glasses(110-112)	National seminar on "Active and Smart materials" organized by Deptt of Applied Science, MMM Engineering College, Gorakhpur	National	2012	978-93-82062-10-3	DDU Gorakhpur University
4	Neural Network Cryptography(30-37)	National seminar on "Cyber Security: Challenges & Opportunities in 21 st Century" organized by Deptt of Computer Science, DDU GKP Univ. Gorakhpur	National	2012	978-81-7445-566-6	DDU Gorakhpur University
5	Security and Protection in Mobile Computing in Federated Database(100-105)	National seminar on "Cyber Security: Challenges & Opportunities in 21 st Century" organized by Deptt of Computer	National	2012	978-81-7445-566-6	DDU Gorakhpur University

		Science, DDU GKP Univ. Gorakhpur				
6	Handwritten Character Recognition Using Artificial Neural Networks(143-162)	National seminar on “Cyber Security: Challenges & Opportunities in 21 st Century” organized by Deptt of Computer Science, DDU GKP Univ. Gorakhpur	National	2012	978-81-7445-566-6	DDU Gorakhpur University
7	Analysis of Acoustically Generated Musical Signal for Audio Signal Processing	National seminar on “Cyber Security: Challenges & Opportunities in 21 st Century” organized by Deptt of Computer Science, DDU GKP Univ. Gorakhpur	National	2012	978-81-7445-566-6	DDU Gorakhpur University
8	Speaker Verification Using Dynamic Time Wrapping Programming Model	National Seminar on Material Science and Technology Deptt of Applied Science, MMM University of Technology, Gorakhpur	National	2014	978-93-84224-01-1	DDU Gorakhpur University
9	Enhancing Power Efficiency in Wireless Sensor Networks by Fuzzy Diffusion Logic	National Seminar on Material Science and Technology Deptt of Applied Science, MMM University of Technology, Gorakhpur	National	2014	978-93-84224-01-1	
10	Enhancing Performance of Power Consumption for Wireless Networks	National Seminar on Material Science and Technology Deptt of Applied Science, MMM University of Technology, Gorakhpur	National	2014	978-93-84224-01-1	DDU Gorakhpur University
11	Security Implications in Relational Database, Integrity and Control	National Seminar on Material Science and Technology Deptt of Applied Science,	National	2014	978-93-84224-01-1	DDU Gorakhpur University

		MMM University of Technology, Gorakhpur				
12	Li-fi(Light Fidelity): The New Face of Communication	National Conference on Advances in Computer Communication & Embedded System, Deptt of ECE, MMM University of Technology, Gorakhpur	National	2014	978-93-83842-37-7	DDU Gorakhpur University
13	Algebraic Systems for Digital Signal Processing	National Conference on Recent Advances in Chemical and Material Science, Deptt. Of Applied Science, MMM University of Technology, Gorakhpur	National	2015	978-93-84224-25-7	DDU Gorakhpur University
14	Using Microcontrollers in Digital Signal Processing Application	National Conference on Recent Advances in Chemical and Material Science, Deptt. Of Applied Science, MMM University of Technology, Gorakhpur	National	2015	978-93-84224-25-7	DDU Gorakhpur University
15	Comparative Analysis of Bio-Inspired Intelligent Routing Protocols in Wireless Network	National Conference on Recent Advances in Chemical and Material Science, Deptt. Of Applied Science, MMM University of Technology, Gorakhpur	National	2015	978-93-84224-25-7	DDU Gorakhpur University
16	Securing Distributed Database by Intrusion Detection System	National Conference on Recent Advances in Chemical and Material Science, Deptt. Of Applied	National	2015	978-93-84224-25-7	DDU Gorakhpur University

		Science, MMM University of Technology, Gorakhpur				
17	Recent Development of Bone-Conductive Microphone in DSP	National Workshop on Recent Advancement in Communication Engineering and Microelectronics, Deptt . Of ECE, MMM University of Technology, Gorakhpur	National	2015	978-93-84224-29-5	DDU Gorakhpur University
18	Genetic Algorithm Based Dynamic Optimal Routing Protocol for Wireless Ad-Hoc Network	National Workshop on Recent Advancement in Communication Engineering and Microelectronics, Deptt . Of ECE, MMM University of Technology, Gorakhpur	National	2015	978-93-84224-29-5	DDU Gorakhpur University
19	Enhancing Performance of Power Consumption for Wireless Networks	Proceeding of National Seminar on Material Science and Technology Deptt of Applied Science, MMM University of Technology, Gorakhpur	National	2014	978-93-84224-01-1	DDU Gorakhpur University
20	Security Implications in Relational database, Integrity and Control	Proceeding of National Seminar on Material Science and Technology Deptt of Applied Science, MMM University of Technology, Gorakhpur	National	2014	978-93-84224-01-1	DDU Gorakhpur University

14. Professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes

S. No.	Year	Title of the professional development Programme	Date and Duration (from – to)
1	2002	Orientation Course	June 22- July 19,
2	2004	Faculty Development Programme in Entrepreneurship	Dec 2-31
3	2007	Refresher Course in Physics (Concepts in Physics)	Sep. 07-27
4	2009	Refresher Course in ICT	Aug 7-27,
5	2010	Refresher Course in Basic Sciences	Aug 03- 23,
6	2011	Refresher Course in Environmental Science	Sep 10-30,
7	2012	Refresher Course in Information Technology	Nov 17- Dec 07
8	2014	Refresher Course in Environmental Science	Jan 25-Feb 14,
9	2015	UGC Sponsored Refresher Course in Environmental Studies (ID)	Nov 18-Dec 08,
10	2020	One week Pedagogical Training Program on Curriculum Design, Delivery and Assessment for Outcome Based Education	May 11-16

15. details of Conference/Seminar attended-

Year	Name of the conference/workshop	International/National/State
2004	Emerging dimension of Physical Sciences	National
2007	Advanced Optoelectronic Materials and Devices	National
2009	Recent Trends in Pure & Applied Mathematics	National
2009	Intellectual Property and Innovation management in Knowledge Era	Regional
2009	Nanomaterials & Nanotechnology	National
2010	Recent Trends in Pure & Applied Mathematics	National
2011	Gender and Society in Contemporary in India Issues and Challenges	National
2012	Cyber Security: Challenges and Opportunities in 21 st Century	National
2012	Recent Advances in Digital and Analog Signal processing	National
2012	Artificial Intelligence and Soft Computing	International
2012	Migration, Development and Gender in India : Issues and Concerns	National
2012	India's Internal Security: Present & Future	National
2012	Active and Smart materials	National
2012	Technology, Innovation & Entrepreneurship Development in India	National
2013	Uttar Pradesh Science Congress	National
2013	Terrorism in South Asia: Issues, Challenges and Options	National
2013	Emerging Issues and Challenges for Indian Economy	National
2013	Social Development in India: Issues and Challenges	National
2013	Globalization And marginalized Groups In India : context And Issues	National
2013	Foreign Direct Investment in India's Retail Sector : issues & Options	National
2013	India's National Security : Issues, Challenges & Options	National
2013	Making Psychology Relevant to Society	National
2013	Harmony with Nature in Context of Ecotechnological Intervention and Climate Change	International
2014	Modelling and Computing	International
2014	Advances in Computer Communication and Embedded Systems	National
2014	Materials Science and Technology	National
2014	Challenges and Opportunities for technological innovation in India	National
2014	Integrated Circuits and Signal Processing	National
2014	भारतीय संस्कृति में सह-अस्तित्व की अवधारणा एवं उसकी वैश्विक प्रासंगिकता	National
2015	पूर्वी उ०प्र० में उच्चशिक्षा की दशा एवं दिशा	National
2015	Challenges & Opportunities For Technological Innovation In India	National

2015	Feminism & Beyond : Identity, Gender and Politics	National
2015	Role of CST, UP in Promotion of Science & Technology and Facilitation of IPR Protection	National
2015	Social Justice and Language	National
2019	आधुनिक युग में बौद्ध धर्म दर्शन की प्रासंगिकता	National
2019	Biotechnological Interventions in Agriculture, Health and Industry	National
2019	Emerging Trends and Advances in Sustainable Utilization and Conservation of Plants	National
2019	Smart Materials, Devices and Sustainable Technologies	National
2020	Curriculum Design, Delivery and Assessment for Outcome Based Education	National
2020	Omics for food, Health and Environment	National
2021	Integral Humanism : A Viable Pathway to Sustainable Development	International