

HINDUSTAN COLLEGE OF SCIENCE AND TECHNOLOGY, FARAH, MATHURA

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five year

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Calendar Year of publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher	Link to the relevant document
1	Gaurav Kumar Pandey	-	ResNet-18 comparative analysis of various activation functions for image classification	Inventive Computation Technologie	International Conference on Inventive Computation Technologies (ICICT 2023)	International	2022-23	979-8-3503-9849-6	H.C.S.T Mathura	IEEE Xplore	View Document
2	Vijay Katta, Shankar Thawkar, Vinod Kushwah	Prospects of Li-ion Batteries and Impact on Environment	-	-	-	National	2022-23	9788196350604	H.C.S.T Mathura	Chyren Publication	View Document
3	Vijay Katta, Shankar Thawkar, Vinod Kushwah	5G Technology and It's Impact on Agriculture 4.0	-	-	-	National	2022-23	9788196350604	H.C.S.T Mathura	Chyren Publication	View Document
4	T. Senthil Siva Subramanian	Study of Fibre Optic Current Sensor	-	-	-	International	2022-23	978-9392878220	HCST Mathura	OrangeBooks Publication	View Document
5	Nishant Kumar Singh	Electrical Discharge Drilling of Al-SiC Composite with Gas-Assisted Multi-Hole Rotary Slotted Tool	-	-	-	International	2022-23	9781003220237	H.C.S.T Mathura	CRC Press	View Document
6	Raja Pandey	Covid 19: A bouble Whammy for Indian Diaspora and Migrant Communities	-	-	-	International	2022-23	9788187393986	H.C.S.T Mathura	Adroit	View Document
7	Pratiksha Gautam	-	DDoS Detection and Prediction Techniques-A Survey	-	International Conference on Computational Intelligence and Sustainable Engineering Solutions (2023)	International	2022-23	DOI: 10.1109/CISES58720.2023.10183469	HCST Mathura	IEEE	View Document
8	Pratiksha Gautam	-	Intrusion Detection in Health Care System: A logistic Regression Approach	-	International Conference on Contemporary Computing and Informatics (IC3I)	International	2022-23	DOI: 10.1109/IC3I56241.2022.10072882	HCST Mathura	IEEE	View Document
9	Rajeev Kumar Upadhyay	A case study on the role of additive manufacturing in dentistry	-	-	-	International	2022-23	9781003258391.00	HCST Mathura	CRC Press	View Document
10	Mahesh Dhakar	-	Performance Improvement of a Sugar Mill through Exergy Analysis	Agile Manufacturing System	International Conference on Agile Manufacturing Systems, at SKITM,Jaipur,	International	2021-22	2214-7853	HCST Mathura	Elsevier	View Document
11	Nishant Kumar Singh	-	Effect of SiC Nanoparticles concentration on the Tribological behaviour of Karanja Oil	Recent Advances in Mechanical Engineering	International Conference on Recent Advancements in Mechanical Engineering	International	2021-22	978-981-15-9678-0	H.C.S.T Mathura	Springer Nature).	View Document
12	Nishant Kumar Singh	-	Comparative Microstructural Investigation of Aluminium Silicon Carbide-Mg and Aluminium Boron Carbide-Mg Metal Matrix Composite Fabricated by Stir CastinParticulate	Advances in Electromechanical Technologies	-	International	2021-22	978-981-15-5462-9	H.C.S.T Mathura	Springer Nature).	View Document
13	Munish Khanna	An Analytical Study on Machine Learning Techniques	-	-	-	International	2021-22	DOI: 10.4018/978-1-7998-5876-8.ch007	H.C.S.T Mathura	IGI Global	View Document
14	Nishant Kumar Singh	Properties and Uses of Vegetables Oils	-	-	-	International	2021-22	978-1-53619-207-0	H.C.S.T Mathura	Nova science publishers, USA	View Document

15	Rakesh Prasad	-	Comparison of Supersonic Flow Regime for Two Different Symmetric Biconvex Circular-arc Aerofoil	Advances of fluid and thermal engineering	FLAME 2020	International	2021-22	978-981-16-0158-3	H.C.S.T Mathura	SPRINGER	View Document
16	Law Kumar Singh	Automated Glaucoma Type Identification Using Machine Learning or Deep Learning Techniques	-	-	-	International	2020-21	https://doi.org/10.1007/978-981-15-1100-4_12	H.C.S.T Mathura	SPRINGER	View Document
17	Puneet Mangla	Wind Energy	-	-	-	International	2020-21	9788193644621	H.C.S.T Mathura	WPI WOODHEAD publishing india Pvt. Ltd	View Document
18	Puneet Mangla	Energy conservation in Textile Industry	-	-	-	International	2020-21	978-981-32-9098-3	H.C.S.T Mathura	WPI WOODHEAD publishing india Pvt. Ltd	View Document
19	Rakesh Prasad	-	Microstructure Analysis of Alumina Effect on Compressive Strength of Iron Ore Pellets	Advancement in Materials Processing Technology	AMPT2020	International	2020-21	978-981-16-3296-9	HCST	SPRINGER	View Document
20	Rohit Maurya	-	A Short Conspectus on Climate Change and Its Effects on Water Resource and Agriculture	International Conference on on Role of Genetics Epigenetics, Environment and Nutrition Towards Plant Animal and Human health under climate change	Genetics Epigenetics, Environment and Nutrition Towards Plant Animal and Human health	International	2020-21	-	H.C.S.T Mathura	-	View Document
21	Saket Bihari	-	Green building assessment using the GBC and GRIHA rating techniques	International Conference on "Innovation and Opportunities in Chemical Engineering for Sustainable Environment and Energy" (IOCSE 2020).na	Innovation and Opportunities in Chemical Engineering for Sustainable Environment and Energy	International	2020-21	978-93-88244-41-1	H.C.S.T Mathura	G.S Publishers Distributors	View Document
22	Shivi Sharma	"Guillain Barre Syndrome (GBS)- Effect of C. Jejuni Protein on Demyelination in GBS by New Techniques- Screening, Annotation & Simulation for vaccination"	-	-	-	International	2020-21	978-620-2-55329-2	H.C.S.T Mathura	Lambert Academic Publishing	View Document
23	Shivi Sharma	"COVID-19 Knowledge Hub 2020: An initial blueprint of pandemic by HCST Mathura"	-	-	-	International	2020-21	9786203041590	H.C.S.T Mathura	Lambert Academic Publishing	View Document
24	Shivi Sharma	"Blueprint of Covid-19 Pandemic: Status of Covid-19 Pandemic, 2020".	-	-	-	International	2020-21	9786203027983	H.C.S.T Mathura	Lambert Academic Publishing	View Document
25	Puneet Mangla	-	"An Investigation of Responsiveness Impact on Productivity Improvement in Indian MSME"	Trends in Manufacturing Processes	ICFTMM 2018	International	2019-20	-	H.C.S.T Mathura	Springer Nature Singapore	View Document
26	Rakesh Prasad	-	Heat Transfer and Friction Characteristics of an Artificially Roughened Solar Air Heater	Advances in Fluid and Thermal Engineering	FLAME 2018	International	2019-20	978-981-13-6415-0	H.C.S.T Mathura	Springer, Singapore	View Document
27	Vipin Kumar	Text Book of Environmental Biotechnology	-	-	-	International	2019-20	978-93-85059-38-4	H.C.S.T Mathura	Woodhead Publishing India PVT. LTD.	View Document
28	Law Kumar Singh	-	Detection of Glaucoma in Retinal Fundus Images Using Fast Fuzzy C means clustering approach	IEEE	ICCCIS-2019	International	2019-20	1803-7232	H.C.S.T Mathura	IEEE	View Document
29	Nishant Kumar Singh	-	Predictive Analysis of Surface Roughness in Argon Assisted EDM using Semi-Empirical and ANN and ANFIS Techniques: a comparative study	International Conference on Advances in Mechanical Engineering and Nanotechnology	International Conference on Advances in Mechanical Engineering and Nanotechnology	International	2019-20	25233971	H.C.S.T Mathura	Springer, Nature	View Document
30	Rakesh Prasad	-	An Experimental and Statistical Analysis of Double Slope Single Basin Solar Still in Active and Passive Mode with Different Water Depth	IOP Conference Series: Materials Science and Engineering	ICCMME2019	International	2019-20	1757-8981	H.C.S.T Mathura	IOP	View Document

31	Saket Bihari	-	Green Building Solutions for Green Future	International Conference on "Green Technologies , Circular Economy & Testroration of Cultural Heritage"	Green Technologies , Circular Economy & Testroration of Cultural Heritage	International	2019-20	-	H.C.S.T Mathura	-	View Document
32	Sandeep Kumar Verma	-	Experimental study of biomedical waste Incinerator by using input output Method	Conference at LPU (Expert-2019) Experimental study of biomedical waste Incinerator by using input output Method	EXPERT -2019	National	2019-20	0257-8050	H.C.S.T Mathura	-	View Document
33	Shivi Sharma	"Explore the Role of Methylation in Cancer Epigenetics"	-	-	-	International	2019-20	978-3-659-53928-2	H.C.S.T Mathura	Lambert Academic Publishing	View Document
34	Vijay Katta	-	Investigation on Remote Sense Surface Latent Heat Temperature Associated with Pre-Seismic Activities in Indian Region	World Academy of Science, Engineering and Technology	World Academy of Science, Engineering and Technology, Rome	International	2019-20	91950263	H.C.S.T Mathura		View Document
35	Sumita Lamba Rawat	-	Inter and Intra Scale Dependencies based CT image Denoising in Curvelet Domain	Advances in Intelligent Systems and Computing (Springer)	SoCTA 2017	International	2018-19	10.1007/978-981-13-0589-4_32	H.C.S.T Mathura	Proceedings of SoCTA 2017	View Document
36	Nishant Kumar Singh	-	Performance Study of Gas-Assisted Electric Discharge Machining on Carbon-Chromium Die Steel	Advances in Industrial and Production Engineering	FLAME 2018	International	2018-19	978-981-13-6411-2	H.C.S.T Mathura	Springer, Singapore	View Document
37	Puneet Mangla	Industrial Energy Conservation volume 2	-	-	-	International	2018-19	9789385059254	HCST Mathura	WPI WOODHEAD publishing india Pvt. Ltd	View Document
38	Sumita Lamba Rawat	Fundamental of MS office	-	-	-	International	2018-19	978-3-659-26837-3	Uttaranchal University	Lambert Academic Publishing	View Document
39	Pramod Kumar	Industrial Pollution and its control	-	-	-	International	2018-19	9789385059247	HCST Mathura	Woodhead Publishing India PVT. LTD.	View Document
40	V K Sharma	The Complete Professional Part I	-	-	-	International	2018-19	9789388381291.00	HCST Mathura	Educreation Publishing	View Document