

Bharati Vishwavidyalaya, Durg

Faculty Research Innovation (Journal/Books/Conference/Workshop)

Table.2: Books/Chapter Edited Books

Sl. No	Faculty Name	Department	Title of the Book	Publisher Name	ISBN No	Year	International/National	DOI Link
1	Dr. Alok Bhatt	Physics	Superionic Glassy Electrolytes: All Solid State Battery Fabrication e-book entitled Recent Trends in Science and Technology	Shashwat Publication, Bilaspur	ISBN:978-93-6087-647-0]	(2024)	Nat.	
2	Dr. Alok Bhatt	Physics	Ion Conduction and Solid State Battery Fabrication of some Fast ion Conducting Glass Electrolytes n Role of Applied Sciences in Social Implications Volume E: Physics and Electronics	Probcell Press, Bhilai	78-81-959977-0-1	2023	Nat.	
3	Dr. Alok Bhatt	Physics	Superionic Composite Electrolytes: Synthesis and Characterizations Role of Applied Sciences in Social Implications Volume E: Physics and Electronics	Probcell Press, Bhilai	ISBN No 78-81-959977-0-1	2023	Nat.	
4	Dr. Rohit Kumar Verma	Mathematics	“Channel Capacity Enhancement on Maximization of Modified Verma and Bose-Einstein Entropies by Gaussian Distribution”,	International Book- Recent Advances in Mathematical Research and Computer Science, B. P. International	(ISBN: 978-93-5547-214-4),	2021	International,	DOI: 10.9734/bpi/amrcs/v4
5	Dr. Rohit	Mathematics	“Entropy Optimization Problem for	International	(ISBN: 978-	2021	International	DOI: 10.9734/bpi/amrcs/v4

	Kumar Verma		Modified Verma Measures in Primal and Dual spaces”,	Book- Recent Advances in Mathematical Research and Computer Science,B.P. International	93-5547-325-7),		nal,	734/bpi/r amrcs/v5
6	Dr. Rohit Kumar Verma	Mathematics	“An Inventory Model for Deterioration Variable in Discounted Stocked Goods Development”	Role of Science in Social Implications (RSSI),	(ISBN: 78-81-959977-0-1).	2023	Internatio nal,	
7	Dr. Rohit Kumar Verma	Mathematics	“Fixed Point Theory for Self and Ciric Type Weak Quasi Contraction Mappings in Different Metric Spaces”,	International Book- <u>Research Highlights in Mathematics and Computer Science</u> (RHMC S),	ISBN: 978-81-19102-02-0),	2023	Internatio nal,	DOI: 10.9734/b pi/rhmcs/v 6/4641C
8	Dr. Rohit Kumar Verma	Mathematics	“On Optimality of Entropy Like Functional in Terms of Distance Function”,	<u>Research Highlights in Mathematics and Computer Science</u> (RHMC S)	ISBN: 978-81-19102-61-7,	2023	Internatio nal,	DOI: 10.9734/b pi/rhmcs/v 7/18679D.
9	Dr. Rajaprabu N	Botany	Mangrove Lichens: Environmental Impact of the Economically Important Thallophyts. <i>In</i> : Biodiversity & Conservative Research	AkiNik Publications, India, 3-11.		2023	National	
10	Dr. Rajaprab	Botany	An Introduction to Diabetes drug Discovery in biomedical industry	<i>Marvels of Artificial and</i>	-ISBN: 978-981-5136-80-	2023	Internatio nal	https://do i.org/10.2

	u N		through Artificial Intelligence, Using Lichens' Secondary Metabolites.	<i>Computational Intelligence in Life Sciences.</i> Bentham Science Publishers, Singapore.	7			174/97898151368071230101.
11	DrPratibha Suresh Kurup	Chemistry	ENVIRONMENTAL CHEMISTRY	PENCIL BITZ	ISBN-978-81-992599-2-8	2025	National	
12	TwinkalS hriwas	Micro Biology	Role of Applied Science in Social Implications (Volume C: Life Science)/ Chapter 18 "Potassium Solubilizing Bacteria as Biofertilizer	Probcell Press, Bhilai		2023	International	
13	Garima Madhari ya	Biotechnology	Diversity of Macrophytes in Selected Sites of Durg, Chhattisgarh	Role of Applied Science in Social Implications (IC-RASSI- 2023) Volume C Life Science (2023) PP 164-174, Probecell Press.	ISBN 978-81-959977-1-8	2023	National	
14	Ajai Kumar Singh	History	Chhatisgarh: Sampoon Saamaany Gyaan	Sarvpriya Prakashan, Delhi-Raipur (C.G.) Publishing	ISBN:978-93-95832-94-6	2023	National	
15	Ajai Kumar Singh	History	Chhatisgarh me Satnam Panth Aur Samajik Vikas	Dr. Shipra Benerjee Publication Raipur (C.G.)	ISBN:978-93-5967-796-5	2023	National	
16	Dr.	Computer	Analyzing Student Academic	Educational Data		2025	National	

	Virendra K Swarnakar	Science & Engineering	Outcomes in the Digital Learning Era through Data Mining	Mining, Learning Analytics				
17	Dr. Virendra K Swarnakar	Computer Science & Engineering	Enhancing Ear Detection for Biometric Systems Using YOLOv9	Biometrics, Artificial Intelligence, Computer Vision		2025	National	
18	Dr. Virendra K Swarnakar	Computer Science & Engineering	Advancing Underwater Image Quality Enhancement Through Hybrid Deep Learning Architectures	Image Processing, Deep Learning		2025	National	
19	Dr. Virendra K Swarnakar	Computer Science & Engineering	Machine Learning Models for Early Detection of Pest Infestation in Crops	Agricultural AI, Machine Learning		2024	National	
20	Dr. Virendra K Swarnakar	Computer Science & Engineering	ARTIFICIAL INTELLEGEANCE AND MUTIMEDIA ENGINEERING,	BENTHUM PUBLISHER ,	ISBN(PRINT) : 978-981-5196-45-0, ISBN	2024	International	
21	Dr. Manoj Kumar Sial	Economics	"Corporate Responsibility and Ethical Practices"	Bridging Ideas: A Multidisciplinary Approach to Knowledge and Innovation	ISBN:978-81-992372-9-2	2025	National	DOI: 10.5281/z enodo.174 13585.
22	Dr. Manoj Kumar	Economics	Morbidity Patterns and Determinants of Curative Health Care Expenditure: A Case Study of Costal Region of Odisha"	Multi Spectrum Publications,	ISBN:978-93-94428-34-8	2023	International	

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23	Dr. Pragati Bhagel	Pharmacy	Immunotherapy and Biopharmaceuticals	Bentham Science BOOK: Technical Advances in Pharmacy: An Overview	9798898812379	2025	International	https://doi.org/10.2174/97988988123791250101
24	Astha Chaturvedi	Law	Can AI Facilitate Progress Towards Healthy and Sustainable societies? Insight on SDG3, SDG 11, and SDG 13	IGIGloba	ISBN13: 9798369375808	2025	International	
25	Astha Chaturvedi	Law	"Navigating the Legal Landscape of AI Induced Property Damage: A Critical Examination of Existing Regulation and the Quest for Clarity"	IGIGlobal	ISBN13: 9798369315651	2024	International	
26	Sarita Gupta	Law	"Between Law and Silence Marital Rape in India"	Nitya Publications, Bhopal MP India	978-93-5857-542-2	2025	National	
27	Dr. Hullash Chauhan	Mechanical Engineering,	Physical Discomfort Analysis of Farmers During Plucking Vegetable Using Firefly Algorithm. In Operations Research Forum	Cham: Springer International Publishing.		2025	International	
28	Dr. Hullash Chauhan	Mechanical Engineering,	Barriers of Agrisupply Chain Management: During Mental and Physical Stress During Farming in Tractor. In Advanced Computational Methods for Agri-Business Sustainability	IGI Global Scientific Publishing.		2024	International	
29	Dr. Hullash Chauhan	Mechanical Engineering,	Dental Implant Selection: A Study in Odisha-Based Elderly Patients. In <i>Geriatric Dentistry in the Age of Digital Technology</i>	IGI Global Scientific Publishing.		2024	International	
30	Dr. Hullash Chauhan	Mechanical Engineering,	Waste Management and Its Impact on Food Security. In <i>Advanced Computational Methods for Agri-</i>	IGI Global Scientific Publishing.		2024	International	

			<i>Business Sustainability</i> (pp. 287-304).					
31	Samikshya Nair	Forensic Science	Eve teasing, Molestation Sexual Abuse and Rape [Book name- Gender and Society (Vol- II)]	[Book name- Gender and Society (Vol- II)]	ISBN 978-93-93092-50-2	2024	National	
32	Samikshya Nair	Forensic Science	Cyber Security Awareness: Safeguarding the Digital Future in Education (Book name- Digital Narratives in Education)	Book name- Digital Narratives in Education)	ISBN: 978-93-5621-882-6	2024	National	Publisher – Swaranjali Publication, Ghaziabad
33	Samikshya Nair	Forensic Science	Government Policies And Industry Regulations: Ensuring Well-Being For Women In Construction [Book name- Beyond Bricks And Motor :Well Being For Women In Construction (First Edition)]	[Book name- Beyond Bricks And Motor :Well Being For Women In Construction (First Edition)]	ISBN : 978- 93-6559- 304-4	2024	National	Publisher: Literatures light Publishing House
34	Samikshya Nair	Forensic Science	Next-Generation DNA Sequencing: Innovations in Genetic Profiling [Book name- Forensic Innovations in Criminal Investigations]	[Book name- Forensic Innovations in Criminal Investigations]	ISBN: 978-93-4916-866-4	2025	National	
35	Dr. Kajol Dutta	Commerce	“Corporate Responsibility and Ethical Practices”	Bridging Ideas: A Multidisciplinary Approach to Knowledge and Innovation	ISBN:978-81-992372-9-2	2025	National	DOI: 10.5281/z enodo.174 13585.