

3.4.6.1: Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

Sl. No	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Year of publication	ISBN/ISSN number of the proceeding	Whether at the time of publication affiliating institutions was same (Yes/No)	Name of the publisher
1	M.K. Yadav		Propagation of Nonlinear Electron Acoustic Solutions in Magnetized Dense Plasma with Quantum Effects of Degenerate Electron .	AIP Conference Proceeding on ADVANCED MATERIALS AND RADIATION PHYSICS (AMRP-2020): 5th National e-Conference on Advanced Materials and Radiation Physics: Vol-2352	2021	978-0-7354-4105-7	Yes	AIP Publishing
2	M.K. Yadav		Introduction of Quark –Gluon Plasma.	AIP Conference Proceeding on ADVANCED MATERIALS AND RADIATION PHYSICS (AMRP-2020): 5th National e-Conference on Advanced Materials and Radiation Physics: Vol-2352	2021	978-0-7354-4105-7	Yes	AIP Publishing
3	M.K. Yadav		The Cosmological Model of Universe	AIP Conference Proceeding on ADVANCED MATERIALS AND RADIATION PHYSICS (AMRP-2020): 5th National e-Conference on Advanced Materials and Radiation Physics: Vol-2352	2021	978-0-7354-4105-7	Yes	AIP Publishing
4	M.K. Yadav		Characteristic of Thin Film Organic Photovoltaic Solar Cells.	AIP Conference Proceeding on ADVANCED MATERIALS AND RADIATION PHYSICS (AMRP-2020): 5th National e-Conference on Advanced Materials and Radiation Physics: Vol-2352	2021	978-0-7354-4105-7	Yes	AIP Publishing
5	Smita S Kumar		A water management tool in rice to combat two major environmental issues	Environmental Concerns of 21st Century: National Conference on Indian and Global Context	2021	978-93-832816-5-7	Yes	Book Age Publications

6	Smita S Kumar		Microbial fuel cells technology: Food to energy conversion by anode respiring bacteria	Environmental Concerns of 21st Century: National Conference on Indian and Global Context	2021	978-93-832816-5-7	Yes	Book Age Publications
7	Alka Choudhary	Introduction to IT system			2021	978-93-892734-4-1	Yes	Foundation Publishing House
8	Om Prakash Mishra	Essence of Indian Traditions			2021	978-81-947528-7-5	Yes	khanna publishers
9	Anurag Gaur	Energy Storage and Conversion Devices: Supercapacitors, Batteries, and Hydroelectric Cells Published by CRC Press, Taylor & Francis			2021	978-03-676942-5-8	No	CRC Press (Taylor & Francis Group)
10	Nikhil Dev, Rajeev Saha	An Insight into Decision-Making Using the Fuzzy Analytic Hierarchy Process (FAHP)			2021	978-10-031251-5-0	Yes	CRC Press (Taylor & Francis Group)
11	Rajeev Saha, Nikhil Dev	Application of the Fuzzy Analytic Hierarchy Process for Solar Panel Vendor Selection			2021	978-10-031251-5-0	Yes	CRC Press (Taylor & Francis Group)
12	LALIT MOHAN GOYAL	Predictive and Preventive Measures for Covid-19 Pandemic, Algorithm for Intelligent Systems	Mitigate the Impact of Covid-19: Telehealth		2021	978-981-33-4236-1	Yes	Springer, Singapore
13	LALIT MOHAN GOYAL	Advanced Prognostic Predictive Modelling in Healthcare Analytics			Aug-21	978-981-334-236-1	Yes	Springer

14	LALIT MOHAN GOYAL	Predictive and Preventive Measures for Covid-19 Pandemic			Aug-21	978-981-33-4236-1	Yes	Springer
15	LALIT MOHAN GOYAL	Sustainability Measures for COVID-19 Pandemic			Aug-21	978-981-16-3226-6	Yes	Springer
16	Dr Rupali Madan	Embracing Change in Business, Management and Social Sciences	Impact of Stress on performance of management students		2021	978-93-90863-23-5	JC Bose UST, YMCA, Faridabad	NPA Publishing
17	Dr Rupali Madan	Fusion of Research Thoughts	A Study on Perception of customers on Effectiveness of Digital Banking during COVID 19 period		2021	978-93-5473-562-2	JC Bose UST, YMCA, Faridabad	Shree Siddhivinayak Global Publication
18	Dr Rupali Madan	Embracing Change in Business, Management and Social Sciences	Impact of COVID on Children's Education		2021	978-93-90863-23-5	JC Bose UST, YMCA, Faridabad	NPA Publishing
19	Dr Rupali Madan	Embracing Change in Business, Management and Social Sciences	Study on the factors influencing the adoption of Over The Top platforms amongst college students		2021	978-93-90863-23-5	JC Bose UST, YMCA, Faridabad	NPA Publishing
20	Dr Rupali Madan	Education: Young India Challenges and Development	Impact on College Student Education-During and Beyond Pandemic Crises		2021	978-81-942419-8-0	JC Bose UST, YMCA, Faridabad	Infinity Publication
21	Dr Rupali Madan	Education: Young India Challenges and Development	Effect of COVID 19 on kids Education and their mental status		2021	978-81-942419-8-0	JC Bose UST, YMCA, Faridabad	Infinity Publication
22	Dr. Vishal Puri	Bioenergy Engineering	Bamboo as a Building Material for Climate Change Mitigation		2021	978-81-94726-97-5	JCBUST YMCA	NPH Publication
23	Dr Jyotsana Chawla	Emerging Concepts in Management	An analysis of skill development ecosystem		2021	978-81-951369-3-3	JC Bose UST, YMCA, Faridabad	ABS Books Publisher

24	Dr Jyotsana Chawla	Tourism in Jammu & Kashmir: A Comprehensive overview & Analysis	Tourism and its impact on developing economy		2021	978-93-90937-49-3	JC Bose UST, YMCA, Faridabad	Red Shine Publication Pvt. Ltd. In association with RED'MAC International press & media. Inc. (India, Sweden and Canada)
25	Dr. Rachna Agrawal	Contemporary issues and challenges in business management	An analysis of efficiency of foreign exchange reserve among nine countries: An application of DEA		2021	978-10-32214-44-3	JC Bose UST, YMCA, Faridabad	Taylor & Francis
26	Dr. Rachna Agrawal	education: young India challenges and development	Teachers' perception on online classes-During and beyond pandemic crises		2021	978-93-89476-19-4	JC Bose UST, YMCA, Faridabad	Infinity publications
27	Dr. Rachna Agrawal	Artificial Intelligence and Machine Learning in Business Management	Investigating artificial intelligence usage for revolution in E-learning during COVID -19 A Review		2021	978-0-367-64555-7	JC Bose UST, YMCA, Faridabad	Taylor & Francis
28	Dr. Renu Aggarwal	Higher Education Issues and Challenges 2021	Innovative practices and Teaching Pedagogy in higher education need of the hour		2021		JC Bose UST, YMCA, Faridabad	
29	Komal Goyal, Ashutosh Nigam, Neha Goyal, Manisha Goyal	Smart Intelligent Computing and Applications, Volume 2	Analysis of Sentiments of Twitter Data on Remote Working	5 th INTERNATIONAL CONFERENCE ON SMART COMPUTING AND INFORMATICS (SCI-2021)	2021	ISBN 978-981-16-9704-3 ISBN 978-981-16-9705-0 (eBook)	JC Bose UST, YMCA, Faridabad	Springer
30	Dr Jyotsana Chawla	Quality in Higher Education: Current Priorities and Future Challenges	FDI in Higher Education in India: Need of the hour?		2022	978-93-91870-11-9	JC Bose UST, YMCA, Faridabad	D.P.S. PUBLISHING HOUSE

31	Dr.Vedpal	Smart Healthcare for Sustainable Urban Development/ Breast Cancer Detection using Different Classification and Ensemble Methods			2022	ISBN13: 9781668425084		IGI Global
32	Dr Neelam Duhan, Dr. Komal Kumar Bhatia	Multimedia Computing Systems and Virtual Reality	Image Systems and Visualizations		2022	9781003196686	JCBUST	CRC Press
33	Dr Payal Gulati	Artificial Intelligence Applications in Agriculture and Food Quality Improvement	Evaluation of Machine Learning Techniques for Crop Yield Prediction		2022	DOI: 10.4018/978-1-6684-5141-0.ch007	JCBUST	IGI Global
34	Dr. Deepika Punj, Dr. Anuradha Pillai	Mobile Radio Communications and 5G Networks	Face Recognition System Based on Convolutional Neural Network (CNN) for Criminal Identification		2022	978-981-16-7017-6	JCBUST	Springer
35	Dr Shruti Mittal, Dr. C. K. Nagpal	Soft Computing and its Engineering Applications	A Dynamically Adapting Framework for Stock Price Prediction	Communications in Computer and Information Science	2022	978-3-031-05766-3	JCBUST	Springer
36	Dr Shruti Mittal, Dr. C. K. Nagpal	Modern Approaches in Machine Learning & Cognitive Science: A Walkthrough	Stock Market Prediction by Incorporating News Sentiments Using Bert		2022	978-3-030-96633-1	JCBUST	Springer
37	Dr.Nimisha Patel	Gut-Brain Axis and Human Health	Gut Microbes: Influencers of Human Brain		2022	978-981-16-1625-9	Department of Life Sciences, Mumbai University	Springer Nature Singapore Pte Ltd. 2022
38	Dr.Nimisha Patel	Herbs, Shrubs, and Trees of Potential Medicinal Benefits	Piper longum (Long Pepper or Pipli) and Tinospora cordifolia (Giloy or Heart-Leaved Moonseed)		2022	9781003205067	Department of Life Sciences, Mumbai University	CRC Press
39	Dr.Nimisha Patel	Herbs, Shrubs, and Trees of Potential Medicinal Benefits	Plantago ovata (Isabgol) and Rauvolfia serpentina (Indian Snakeroot)		2022	9781003205067	Department of Life Sciences, Mumbai University	CRC Press

40	Dr.Nimisha Patel	Medicinal and Aromatic Plants of India Vol. 1	Medicinal and Aromatic Plants in the Cosmetics Industry		2022	978-3-03-098700-8, 978-3-03-098701-5	Department of Life Sciences, J C Bose University of Science and Technology, YMCA, Faridabad, India	Springer, Cham,
41	Dr. Sunny Dholpuria	Antimicrobial Interfaces as Augmentative Strategy Against Antimicrobial Resistance			Jan-22	978-3-030-84126-3	Department of Life Sciences, J C Bose University of Science and Technology, YMCA, Faridabad, India	Springer
42	Dr. Ashima Sharma	Design building and challenges in synthetic genomics.			2022	9780323859868	Department of Life Sciences, J C Bose University of Science and Technology, YMCA, Faridabad, India	Elsevier
43	Dr Rashmi	Tourist Behavior: Past, Present and Future	Influence of Social Media on Tourist Behavior: Indian Perspective	NA	2022	9781774910245	JC Bose UST, YMCA, Faridabad	Apple Academic Press, USA
44	Neha Goyal, Savita Rani	Rethinking Business Agility during Uncertainty	Achieving Sustainable Development through Financial Literacy and Financial Inclusion		2022	9781032333823, 1032333820	JC Bose UST, YMCA, Faridabad	Taylor & Francis
45	Dr. Renu Aggarwal	Role of ICT during COVID pandemic	Penetration of ICT in today's life		2022	978-81-952920	JC Bose UST, YMCA, Faridabad	
46	Dr Rajiv Sindwani	In Future of Work and Business in Covid-19 Era	Assessing Mobile Banking Service Quality Dimensions Using Multi-Criteria Decision Making	Springer proceedings in Business and Economics "Reinventing the future of Work and Business"	2022	978-981-19-0356-4	JC Bose UST, YMCA, Faridabad	Springer
47	Dr Reena Garg	Mathematics-I,Calculus and Linear Algebra(For CSE)			2022	ISBN 10:9391505-27-9 ISBN 13:978-93-91505-27-1	J.C.BOSE UST,YMCA	Khanna Book Publishing Co.(P) LTD.
48	Dr Reena Garg	Mathematics-I,Calculus and Linear Algebra(For NON-CSE)			2022	ISBN 10:9391505-17-1 ISBN 13:978-93-91505-17-2	J.C.BOSE UST,YMCA	Khanna Book Publishing Co.(P) LTD.