

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
1	Dr.Uday Patkar	Software testing and quality assurance	NA	NA	NA	National	2022-23	978-93-5585-155-0	BVCOEL	Technical Publication
2	Prof.Pratima Kadam	Fundamentals of Information Technology	NA	NA	NA	National	2022-23	978-81-960402-8-4	BVCOEL	RK PUBLICATION
3	Dr.Nidhi Jain	Basics of Nanoscience	NA	NA	NA	National	2022-23	978-93-93473-14-1	BVCOEL	Lenin Media
4	Dr. Jyoti Dhanke	Mathematical Modeling in Biology (Part I & II)	NA	NA	NA	National	2022-23	978-93-5625-381-0	BVCOEL	Scientific International Publishing House
5	Dr. Jyoti Dhanke	Transforms and Partial Differential Equations	NA	NA	NA	National	2022-23	978-93-5625-390-2	BVCOEL	Scientific International Publishing House
6	Dr. Jyoti Dhanke	Monograph : राष्ट्रच्या आणि मुलांच्या जडणघडणातील गणिताचे स्थान (The Mathematics Status in the Building of Nation and Children)	NA	NA	NA	National	2022-23	978-93-9282-314-5	BVCOEL	MAAP EPIC Communication Pvt. Ltd.
7	Dr.Nidhi Jain	Innovation in Green Nanoscience and Nanotechnology	NA	NA	NA	International	2022-23	978-10-3233-328-1	BVCOEL	Book chapter
8	Dr.Nidhi Jain	Environmental Management	NA	NA	NA	National	2022-23	978-81-19115-00-6	BVCOEL	Nirali Publication
9	Dr.Shikha Bhardwaj	Applied Physics	NA	NA	NA	National	2022-23	978-93-5585-333-2	BVCOEL	Technical Publication
10	Dr.Nidhi Jain	NA	Smart materials: A State of the Review	International Conference on Future trends in Materials and Mechanical Engineering	International Conference on Future trends in Materials and Mechanical Engineering	International	2022-23	NA	BVCOEL	NA
11	Dr.Nidhi Jain	NA	Biodegradable polymeric nanocomposite for Wound Healing Application: Synthesis and characterization	Virtual International Conference on Multi-disciplinary Research and studies-2022	Virtual International Conference on Multi-disciplinary Research and studies-2022	International	2022-23	NA	BVCOEL	NA

12	Dr.Nidhi Jain	NA	Generation of nanotechnology: state of art review	International conference on Advances in Smart materials,Chemicals and Biochemical Engineering	International conference on Advances in Smart materials,Chemicals and Biochemical Engineering	International	2022-23	NA	BVCOEL	NA
13	Dr. Jyoti Dhanke	NA	Analysis and Determination of erosion wear behaviour of polymer matrix reinforced nanocomposites with chemical composition using artificial neural network.	International Conference on Contemporary Challenges in Science and its Engineering Applications (IC3SEA 2023)	International Conference on Contemporary Challenges in Science and its Engineering Applications (IC3SEA 2023)	International	2022-23	NA	BVCOEL	NA
14	Dr. U.day Patil , Mr. Neeraj Gangurde	Transportation Engineering	NA	NA	NA	National	2022-23	811911561-9	BVCOEL	Nirali Publication
15	Dr. Nidhi Jain	Advances in Green and Sustainable Nonomaterials	NA	NA	NA	International	2021-22	978-1-77491-166-2	BVCOEL	Apple Academic Press,CRC,Tylor and Francis group
16	Dr. Jyoti Dhanke	Auditing	NA	NA	NA	International	2021-22	978-93-94727-12-0	BVCOEL	RED'SHINE PUBLICATION PVT. LTD., Gujarat 389230, India in Association with RED'MAC INTERNATIONAL PRESS & MEDIA. INC, Sweden / UK
17	Dr. Jyoti Dhanke	Applications of Artificial Intelligence and Machine Leaning	NA	NA	NA	International	2021-22	978-93-91074-98-2	BVCOEL	Taurean Publications, New Delhi 110053

18	Dr. Nidhi Jain	NA	An Overview of potential Applications of Carbon Nanotubes	NA	4th International Conference on Science and Engineering of Materials(ICSE M-2021)	International	2021-22	NA	BVCOEL	NA
19	Dr. Nidhi Jain	NA	Comparative study of Physico chemical parameters and water quality Index of river	NA	4th International Conference on Science and Engineering of Materials(ICSE M-2021)	International	2021-22	NA	BVCOEL	NA
20	Dr. Jyoti Dhanke	Improved K-Means Clustering Algorithm with Wireless Networks to Increase the Production in the Automobile Industry	NA	NA	IEEE North karnatak Subsection Flagship International Conference (NKCon)	International	2021-22	978-1-6654-5354-4	BVCOEL	
21	Dr. Jyoti Dhanke	NA	Numerical Simulation of cell population and formation of Narcotiics in Tumor Growth	NA	Conference on fractional calculus: Analysis Applications	International	2021-22		BVCOEL	
22	Prof. Parinita Chate	Applications Of Artificial Intellegence in Real World (Chapter 1:- Emotion Detector Using AI)	NA	NA	NA	International	2021-22	978-93-91074-36-4	BVCOEL	Taurean Publications, New Delhi
23	Dr. Jyoti Dhanke	Development of Mathematics Practical Manual for B.Sc. B.Ed. Level	NA	NA	NA	National	2020-21	NA	BVCOEL	NCERT, Bhopal
24	Dr. Jyoti Dhanke	Research Methodology (Volume 3) Chapter : 1 (Reaction Diffusion Model and Numerical Study During Tumor Development)	NA	NA	NA	National	2020-21	NA	BVCOEL	AkiNik Publications, New Delhi

25	Dr. Jyoti Dhanke	NA	A novel paradigm of numerical approach for reaction-diffusion during Tumor growth using finite difference method”		International Web Conference on	International	2020-21		BVCOEL	
26	Prof.Totappa Hasarmani Dr.Shikha.Bhardwaj	NA	Optimum sizing and performance assessment of solar pv-DG hybrid system for energy self sufficiency of jaggery making units	IEEE Baglore (B-HTC 2020)	IEEE Baglore (B-HTC 2020)	International	2020-21	978-1-7281-8794-5 Print on Demand(PoD) ISBN:978-1-7281-8795-2	BVCOEL	IEEE
27	Dr. Jyoti Dhanke	NA	Change in number of tumor cells during simulation		Virtual Global Conference on Current Trends in Mathematics	International	2020-21		BVCOEL	
28	Dr.Nidhi Jain	NA	Biomedical application of Carbon nanotubes (CNTs) in vulnerable parts of the body and its toxicity study: A state-of-the-art-review for security	Elsevier (Materials Today: Proceedings)	ICMMM-2021 conference	International	2020-21	2214-7853	BVCOEL	Elsevier

29	Dr.Nidhi Jain	NA	The Potential Application of Carbon Nanotubes in Water Treatment: A state-of-the-art-review	Elsevier (Materials Today: Proceedings)	CRMSC2021 conference	International	2020-21	2214-7853	BVCOEL	Elsevier
30	Dr. Jyoti Dhanke	NA	Cells Movement in Tumor Vasculature	NA	2nd Global Cancer Summit - 2021	International	2020-21		BVCOEL	
31	Prof. Totappa Hasarmani	NA	Performance Analysis of Grid Connected Photovoltaic Systems for Reliable Agri-Microgrids Using PVSyst	NA		International	2019-20	NA	BVCOEL	
32	Dr. Jyoti Dhanke	Development of Mathematics practical manual for BSc ,Bed level	NA	NA		International	2019-20		BVCOEL	
33	Dr. Jyoti Dhanke	NA	Numerical study of effect of nutrient and oxygen concentration on tumor cell growth and proliferation	NA		International	2019-20	NA	BVCOEL	
34	Dr.Nidhi Jain Prof.Amruta Pasarkar	NA	Mathematical and experimental approach for removal of fluoride,arsenic lead by nonconventional (NLP,PLP,ALP) Absorbents	NA		International	2019-20	NA	BVCOEL	

35	Dr.Nidhi Jain	NA	Synthesis, characterization and parametric study for diameter of nano fiber of Chitosan, Azadirachta indica leaves extract composite	NA		International	2019-20	NA	BVCOEL	
36	Prof.Leena Chaudhari	NA	Analysis and Examination of Heart Distress from ECG Signal using Artificial Intelligence.	NA		International	2019-20	NA	BVCOEL	
37	Dr. Uday Patkar	MICROPROCESSOR					2018-19		BVCOEL	Nirali Publication
38	Prof.Amruta Pasarkar		Theoretical Analysis of stress in Amorphous silicon thin film electrodes during Na-storage in Na-ion Batteries		Theoretical Analysis of stress in Amorphous silicon thin film electrodes during Na-storage in Na-ion Batteries		2018-19		BVCOEL	
39	Prof.Amruta Pasarkar	MATALAB PROGRAMS				National	2018-19		BVCOEL	Amazon Kindle
40	Dr. Jyoti Dhanke	Business Mathematics and business Statistics-I				National	2018-19		BVCOEL	Bharativedyapeeth (deemed to be university) pune ,School of Distance education
41	Dr. Jyoti Dhanke	Business Mathematics and business Statistics-I				National	2018-19		BVCOEL	

42	Dr. Jyoti Dhanke		Mathematical modelling of migration of endothelial cells in Tumor angiogenesis		Mathematical modelling of migration of endothelial cells in Tumor angiogenesis	National	2018-19		BVCOEL	
43	Dr. Jyoti Dhanke				IEEE Pune Con 2018, 1st International conference on data Science and Analytics	International	2018-19		BVCOEL	
44	Dr. Jyoti Dhanke				IIT Bombay ,Continuing Education & Quality Improvement Programmes		2018-19		BVCOEL	
45	Dr.Nidhi Jain		MIT,Pune		MIT,Pune		2018-19		BVCOEL	
46	Dr.Nidhi Jain		RGNIIPM, Nagpur		RGNIIPM, Nagpur		2018-19		BVCOEL	
47	Dr.Nidhi Jain		AISSM Conf.of IPR		AISSM Conf.of IPR		2018-19		BVCOEL	
48	Prof. Vishwanath Khappar				International Conference Nanocon - 2018 Nanotechnology - applications.		2018-19		BVCOEL	
49	Prof. Leena Chaudhari & Prof. Priyanka Yadav	NA	IOT BASED SMART EDGE FOR GLOBAL HEALTH	NA	2ND SHRI CHATRAPATI SHIVAJI MAHARAJ QIP CONFERENCE ON ENGINEERING INNOVATION S2019	National	2018-19		BVCOEL	

50	Prof. Subhash Nagawase	NA	EXPERIMENTAL STUDY ON EFFECT OF FILLING RATIO AND INCLINATION ANGLE ON PERFORMANCE OF THERMOSYPHON USING BINARY MIXTURE WORKING FLUID	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	
51	Prof. Atish.Mane	NA	REVIEW ON SHAPE MEMORY ALLOY ON BIOMEDICAL APPLICATIONS	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	
52	Prof. Siddhant.Kale	NA	DESIGN, ANALYSIS & OPTIMIZATION ON SHOCK ABSORBER SPRING	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	
53	Prof. Avinash Datarkar	NA	GHEE (CLARIFIED BUTTER) MAKING MACHINE	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	

54	Prof.Shankar Kadam	NA	HYBRID DUAL AXIS SOLAR TRACKING (ALL WEATHER ENERGY GENERATION) SYSTEM	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	
55	Prof. Sunil.Patil	NA	PLASTIC RECYCLING PLANT	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	
56	Prof. Siddhant.Kale	NA	SCRUTINY OF ANTIMATTER, AN UNFATHOMABLE SOURCE OF ENERGY	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	
57	Prof. Shridhar Tambade	NA	AN AERODYNAMIC STUDY OF AIR FLOW OVER A TRAIN TO SPECIFY THE MAXIMUM AIR INLET	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	

58	Prof. Subhash Nagawase	NA	STUDY ON MEXICANA BODIESEL & ITS BLENDS ON SINGLE CYLINDER C I ENGINE. – A REVIEW	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	
59	Prof. Siddhant.Kale	NA	ANALYSIS & OPTIMIZATION OF AUTOMOTIVE BUMPER BEAM WITH COMPOSITE MATERIALS USING FEA	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	
60	Prof. Sagar.Dhanmone	NA	ADVANCED TECHNIQUES IN BLADELESS WIND MILL POWER GENERATION	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	
61	Prof. Leena Chaudhari	NA	ADVANCED DRIVER ASSISTANCE WITH AUTOMATIC CAR IGNITION KILL SWITCH AND TRACKING	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	

62	Dr. Uday Patil	NA	REVIEW ON ESTIMATION OF SCOURING AROUND BRIDGE PIER	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	
63	Prof. Atish Mane	NA	DESIGN AND FABRICATION OF METAL DETECTING MECHANICAL SPIDER USING KLANN MECHANISM	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	
64	Prof. Sanket Pawar	NA	BOUNDARIES OF CLOUD COMPUTING IN VOCATION	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	
65	Prof. Uday Patkar	NA	FUTURE OF COMMUNICATION- 5G TECHNOLOGY	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	
66	Prof. Pramod Salunkhe	NA	ANDROID OPERATING SYSTEM- MOST EMERGING OPERATING SYSTEM	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	

67	Prof. Priyanka Yadav	NA	ANDROID APP BASED WAR FIELD SPYING ROBOT WITH WIRELESS NIGHT VISION CAMERA	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	
68	Prof. Sagar Dhamone	NA	DESIGN OF FOLDING BICYCLE	NA	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	National	2018-19	2348 – 8034	BVCOEL	