

FOREIGN COLLABORATIONS (2020 - 2022)

Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	Affiliations	Document Type
Das P.P., Chakraborty S.	SWARA-Co	2022	Journal of Engineering and Applied Science	69	1	35			Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Production Engineering, Jadavpur University, West Bengal, Kolkata, India	Article
Sharma A., Verma C., Mukhopadhyay S., Gupta A., Gupta B.	Developme	2022	International Journal of Biological Macromolecules	216			303	311	Bioengineering Laboratory, Department of Textile and Fiber Engineering, Indian Institute of Technology, New Delhi, 110016, India; Sikkim Manipal Institute of Medical Sciences, Tadong, Gangtok, Sikkim 737102, India	Article
Chakraborty S., Verma P., Paudel B., Das S.	Modeling c	2022	Advances in Space Research	70	3		601	609	Narula Institute of Technology, 81, Nilganj Road, Agarpara, Kolkata, 700109, India; Sikkim Manipal Institute of Technology, Sikkim, India; Discipline of Astronomy, Astrophysics and Space Engineering, Indian Institute of Technology, Khandwa Road, Simrol, Indore, 453552, India	Article
Misra K.P., Kumawat A., Bandopadhyay A., Modak B., Mukherjee S.K., Babu P.D., Kabi S., Chattopadhyay S., Misra R.D.K.	Structural i	2022	Materials Science and Engineering B: Solid-State Materials for Advanced Technology	282		115761			Department of Physics, School of Basic Sciences, Manipal University Jaipur, Rajasthan, Jaipur, 303007, India; Department of Physics, University of Gour Banga, West Bengal, Malda, 732103, India; Theoretical Chemistry Section, Chemistry Division, Bhabha Atomic Research Centre, Mumbai, 400085, India; Department of Physics, Birla Institute of Technology, Mesra, Jharkhand, Ranchi, 835215, India; UGC-DAE Consortium for Scientific Research, R5 Shed, Bhabha Atomic Research Centre, Mumbai, 400085, India; Department Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India; Metallurgical, Materials and Biomedical Engineering, University of Texas at El Paso, 500 W University, El Paso, TX 79968, United States	Article
Gupta S.K., Ghose T., Chatterjee K.	Coordinate	2022	Electric Power Systems Research	209		108037			Electrical Engineering, IIT (ISM), Jharkhand, Dhanbad, India; Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim, India; Electrical & Electronics Engineering, BIT, Mesra, Jharkhand, Ranchi, India	Article
Sengupta A., Das D.K.	Delay depe	2022	Sustainable Energy Technologies and Assessments	52		102123			Department of Electrical and Electronics Engineering, SMIT, Sikkim Manipal University, India; Department of Electrical and Electronics Engineering, NIT Nagaland, India	Article
Majumder S., Chatterjee S., Basnet P., Mukherjee J.	Plasmonic	2022	Journal of Molecular Liquids	358		119138			Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Sikkim Institute of Science & Technology, Sikkim University, Sikkim, India; Applied Spectroscopy & Diagnostics, Bhabha Atomic Research Centre, Mumbai, India	Article
Rai S., Bhujel R., Mondal M.K., Biswas J., Swain B.P.	Investigati	2022	Journal of Materials Science: Materials in Electronics	33	20		16501	16510	Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majhitar, 737136, India; Department of Metallurgical and Materials Engineering, National Institute of Technology Durgapur, Durgapur, 713209, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majhitar, 737136, India; Department of Physics, National Institute of Technology, Manipur, Manipur, Langol, 795004, India	Article

Samanta D., Basnet P., Jha S., Chatterjee S.	Proficient r	2022	Inorganic Chemistry Communications	141		109498		Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Chemistry, Sikkim Institute of Science & Technology, Sikkim University, Sikkim, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Article
Barwant M., Ugale Y., Ghotekar S., Basnet P., Nguyen V.-H., Pansambal S., Ananda Murthy H.C., Sillanpaa M., Bilal M., Oza R., Karande V.	Eco-friendl	2022	Chemical Papers	76	7	4309	4321	Department of Chemistry, Sanjivani Arts, Commerce and Science College, Savitribai Phule Pune University, Maharashtra, Kopergaon, 423603, India; Department of Chemistry, Smt. Devkiba Mohansinhji Chauhan College of Commerce and Science, University of Mumbai, Dadra and Nagar Haveli (UT), Silvassa, 396230, India; Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Gangtok, India; Faculty of Allied Health Sciences, Chettinad Academy of Research and Education (CARE), Tamilnadu, Kelambakkam, Chennai, 603 103, India; Department of Chemistry, Shri Saibaba College Shirdi, Savitribai Phule Pune University, Maharashtra, Shirdi, 423109, India; Department of Applied Chemistry, School of Applied Natural Sciences, Adama Science and Technology University, P.O. Box: 1888, Adama, Ethiopia; Department of Chemical Engineering, School of Mining, Metallurgy and Chemical Engineering, University of Johannesburg, P. O. Box 17011, Doornfontein, 2028, South Africa; Chemistry Department, College of Science, King Saud University, Riyadh, 11451, Saudi Arabia; School of Life Science and Food Engineering, Huaiyin Institute of Technology, Huaian, 223003, China; Department of Chemistry, D.J.M. Commerce and B.N.S. Science College, Savitribai Phule Pune University, S.N. Arts, Maharashtra, Sangamner, 422605, India; Department of Botany, Yashavantrao Chavan Institute of Science, Maharashtra, Satara, 415001, India	Article
Banerjee N., Borah S., Sethi N.	Intelligent	2022	Multimedia Tools and Applications	81	17	24145	24166	Department of Computer Science and Engineering, GIET University, Odisha, India; Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Article
Koirala K., Tamang M., Shabbiruddin	Planning ar	2022	Journal of Energy Storage	51		104351		Department of Electrical and Electronics Engineering, National Institute of Technology, Sikkim, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Electrical Engineering, Government Engineering College, Banka, Department of Science and Technology, Aryabhata Knowledge University, Bihar, India	Article
Rai P., Ghose M.K., Kumar Deva Sarma H.	Game theo	2022	Egyptian Informatics Journal	23	2	315	327	Associate Professor, Dept of CSE, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Computer Engineering & Applications, GLA University, UP, Mathura, India; Dept of IT, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Article
Ghosh T., Sil A.	Effect of as	2022	Structural Design of Tall and Special Buildings	31	9	e1930		National Institute of Technology, Silchar, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Article

Jha S., Kumari N., Chettri B., Dey N.	Monitoring	2022	ChemPhysChem	23	12	e202200208		Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Gangtok, India; Department of Chemistry, Birla Institute of Technology and Sciences-Pilani Hyderabad Campus, Shameerpet, Telangana, Hyderabad, 500078, India; Centre for Nano Science and Engineering, Indian Institute of Science, Karnataka, Bangalore, 560012, India	Article	
Shanmugasundar G., Sapkota G., Čep R., Kalita K.	Applicator	2022	Processes	10	6	1172		Department of Mechanical Engineering, Sri Sairam Institute of Technology, Chennai, 600 044, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, 737 136, India; Department of Machining, Assembly and Engineering Metrology, Faculty of Mechanical Engineering, VSB-Technical University of Ostrava, Ostrava, 708 00, Czech Republic; Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, 600 062, India	Article	
Byahut A., Bag A.	An update	2022	Proceedings of the Indian National Science Academy	88	2		186	196	Department of Medical Biotechnology, Sikkim Manipal University, 5th Mile, Tadong, Sikkim, Gangtok, 737102, India	Article
Sengupta A., Das D.K.	Delay depe	2022	Sadhana - Academy Proceedings in Engineering Sciences	47	2	78			Department of Electrical and Electronics Engineering, Sikkim Manipal University, Sikkim Manipal Institute of Technology, Gangtok, India; Department of Electrical and Electronics Engineering, National Institute of Technology Nagaland, Chumukedima, India	Article
Kalita K., Ghadai R.K., Chakraborty S.	Parametric	2022	Sadhana - Academy Proceedings in Engineering Sciences	47	2	57			Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Production Engineering, Jadavpur University, West Bengal, Kolkata, India	Article
Das S., Sharma B.	Gate-on-Dr	2022	Silicon	14	9		4899	4905	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Article
Dutta R., Subash T.D., Paitya N.	Improved t	2022	Silicon	14	8		3835	3841	Department of Electronics and Communication Engineering, Surendra Institute of Engineering & Management, MAKAUT, West Bengal734009, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim, 737136, India; Department of Electrical and Electronics Engineering, Mangalam College of Engineering, Kerala686631, India	Article
Dutta N., Sarma H.K.D.	Efficient m	2022	Journal of Ambient Intelligence and Humanized Computing	13	6		3209	3227	Department of Computer Engineering, Marwadi University, Gujarat, Rajkot, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim, Majhitar, India	Article
Pradhan A., Koirala P., Bhandari S.S., Dutta S., García-Grau P., Sampath H., Sharma I.	Internalize	2022	Frontiers in Psychiatry	13		869647			Department of Psychiatry, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, India; Department of Respiratory Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, India; Programa de Maestro de Educación Infantil, Universidad Católica de Valencia, Valencia, Spain	Article

Kumar V., Kumar V.S., Hari Krishna S., Roy M.K.	Multi-attrit	2022	AIP Conference Proceedings	2393		20198			Department of Automobile Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Mustafa Z., Kumar V., Sharief S.M., Ameen M.M.	Comparativ	2022	AIP Conference Proceedings	2393		20097			Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737 136, India; Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, 600 062, India	Conference Paper
Gautam D., Dolma K.G., Khandelwal B., Mitsuwan W., Mahboob T., Pereira M.L., Nawaz M., Wiart C., Ardebili A., Siyadatpanah A., Ehtesham H., Patra J.K., Kwanhian W., Nissapatorn V.	Acinetobac	2022	The Medical journal of Malaysia	77	3	357	370		Walailak University, School of Allied Health Sciences and Research Excellence Centre for Innovation and Health Products (RECIHP)Nakhon Si Thammarat, Thailand; Sikkim Manipal University, Sikkim Manipal Institute of Medical Sciences (SMIMS), Department of MicrobiologySikkim, India; Sikkim Manipal University, Sikkim Manipal Institute of Medical Sciences (SMIMS), Department of MedicineSikkim, India; University of Malaya, Faculty of Medicine, Department of Medical MicrobiologyKuala Lumpur, Malaysia; University of Aveiro, Department of Medical Sciences and CICECO-Aveiro Institute of MaterialsAveiro, Portugal; Imam Abdulrahman Bin Faisal University, Institute for Research and Medical Consultations (IRMC), Department of Nano-Medicine Research, Dammam, Saudi Arabia; School of Pharmacy, Nottingham University Malaysia CampusSelangor, Malaysia; Golestan University of Medical Sciences, Laboratory Sciences Research Center, Gorgan, Iran; Birjand University of Medical Sciences, Ferdows School of Paramedical and Health, Birjand, Iran; Research Institute of Integrative Life Sciences, Dongguk University-Seoul, Goyang-Si, South Korea	Article
Pandey S., Saha I., Prakash O., Mukherjee T., Iqbal J., Roy A.K., Wasilewski M., Brar L.S.	CFD Invest	2022	Applied Sciences (Switzerland)	12	10	4904			Mechanical Engineering Department, Birla Institute of Technology, Mesra, Ranchi, 835215, India; Chemical Engineering Department, University of Calcutta, Kolkata, 700073, India; Civil and Environmental Engineering Department, Birla Institute of Technology, Mesra, Ranchi, 835215, India; Mechanical Engineering Department, Sikkim Manipal University, Majitar, Rangpo, 737136, India; Faculty of Production Engineering and Logistics, Opole University of Technology, 76 Proszkowska St, Opole, 45-758, Poland	Article
Sur S.N., Singh A.K., Kandar D., Silva A., Nguyen N.D.	Intelligent	2022	Electronics (Switzerland)	11	9	1411			Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India; Department of Information Technology, North Eastern Hill University, Meghalaya, Shillong, 793022, India; Instituto de Telecomunicações (IT), Departamento de Eletrónica, Telecomunicações e Informática (DETI), University of Aveiro, Aveiro, 3810-193, Portugal; Faculty of Mechanical-Electrical and Computer Engineering, School of Engineering and Technology, Van Lang University, 69/68 Dang Thuy Tram Street, Ward 13, Binh Thanh District, Ho Chi Minh City, 70000, Viet Nam	Review

Patel D.G., Kurian S.J., Miraj S.S., Rashid M., Thomas L., Rodrigues G.S., Banerjee M., Khandelwal B., Saravu K., Rao M.	Effect of Vi	2022	Current Diabetes Reviews	18	4	e020921196096		Department of Pharmacy Practice, Manipal College of Pharmaceutical Sciences, Manipal Academy of Higher Education, Karnataka, Manipal, 576104, India; Manipal Center for Infectious Diseases, Prasanna School of Public Health, Manipal Academy of Higher Education, Karnataka 576104, India; Department of Surgery, Kasturba Medical College and Hospital, Manipal Academy of Higher Education, Karnataka, Manipal, 576104, India; Department of Biochemistry, All India Institute of Medical Sciences Jodhpur, Rajasthan 342005, India; Department of Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Sikkim, Gangtok, 737102, India; Department of Infectious Diseases, Kasturba Medical College and Hospital, Manipal Academy of Higher Education, Karnataka, Manipal, 576104, India	Review	
Bhuiyan C.	Environme	2022	Sustainability Science	17	3		1109	1128	Department of Civil Engineering, Sikkim Manipal Institute of Technology, Sikkim, Majitar, 737136, India	Review
Singh P., Verma C., Mukhopadhyay S., Gupta A., Gupta B.	Preparatio	2022	International Journal of Pharmaceutics	618		121661			Bioengineering Laboratory, Department of Textile and Fiber Engineering, Indian Institute of Technology Delhi, New Delhi, 110016, India; Department of Pathology, Sikkim Manipal Institute of Medical Sciences, Tadong, Sikkim, Gangtok, 737102, India	Article
Panigrahi R., Borah S., Pramanik M., Bhoi A.K., Barsoochi P., Nayak S.R., Alnumay W.	Intrusion d	2022	Computer Communications	188			133	144	Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India; KIET Group of Institutions, Delhi-NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Sikkim, Gangtok, 737102, India; AB-Tech eResearch (ABTeR), Burla 768018, Sambalpur, India; Institute of Information Science and Technologies, National Research Council, Pisa, 56124, Italy; Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida, India; Department of CS, King Saud University, Riyadh, Saudi Arabia	Article
Ranwa M., Nandy P.	To Study A	2022	The Journal of the Association of Physicians of India	70	4		11	12	Sikkim Manipal Institute of Medical Sciences, Gangtok, India	Article
Kamath D., Singh S., Kashyap S.	Rare case c	2022	Visual Journal of Emergency Medicine	27		101373			Department of ENT, Sikkim Manipal Institute of Medical Sciences, Sikkim, Gangtok, India	Article
Sarda R.K., Sinha R., Sherpa M., Gupta A.	Crude Extra	2022	Journal of Neurosciences in Rural Practice	13	2		254	260	Department Of Anatomy, Sikkim Manipal Institute Of Medical Sciences, Sikkim, Gangtok, India; Department Of Neurosurgery, Jp Hospital Noida, Uttar Pradesh, Noida, India; Department Of Pathology, Sikkim Manipal Institute Of Medical Sciences, Sikkim, Gangtok, India	Article
Perumal M., Saravanan A., Sunooj K.V., Sinha S.K.	Effect on P	2022	IEEE Transactions on Plasma Science	50	4		1122	1127	Department of Physics, Pondicherry University, Puducherry, 605014, India; Department of Food Science and Technology, Pondicherry University, Puducherry, India; Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Mahjitar, Sikkim 737102, India	Article
Chettri M., Das S.	Acute retrc	2022	Visual Journal of Emergency Medicine	27		101279			Associate Professor, Department of ENT Sikkim Manipal University, Sikkim, Gangtok, India; Department of ENT All India Institute of Medical Sciences Mangalagiri, Andhra Pradesh PIN – 522503, India	Article
Kar C., Banerjee S.	Tropical Cy	2022	Journal of the Indian Society of Remote Sensing	50	4		689	700	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim, Majhitar, India; Department of Natural Science, Maulana Abul Kalam Azad University of Technology, West Bengal, Kolkata, India	Article

Dutta N., Sarma H.K.D.	A Scalable	2022	Wireless Personal Communications	123	3	2581	2606	Computer Science and Engineering Department, SRM University, Andhra Pradesh, Guntur, 522503, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim, Majitar, 737136, India	Article
Das P.P., Chakraborty S.	Applicator	2022	Scientia Iranica	29	2	864	882	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, West Bengal, Kolkata, India	Article
Guha S., Das S.	Investigati	2022	European Physical Journal Plus	137	3	363		School of Mechanical Engineering, KIIT University, Bhubaneswar, 751024, India; Depratment of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Gangtok, 737136, India	Article
Raina N., Pahwa R., Bhattacharya J., Paul A.K., Nissapatorn V., Pereira M.L., Oliveira S.M.R., Dolma K.G., Rahmatullah M., Wilairatana P., Gupta M.	Drug Delive	2022	Pharmaceutics	14	3	574		Department of Pharmaceutics, Delhi Pharmaceutical Sciences and Research University, New Delhi, 110017, India; Institute of Pharmaceutical Sciences, Kurukshetra University, Haryana, 136119, India; School of Biotechnology, Jawaharlal Nehru University, New Delhi, 110067, India; School of Pharmacy and Pharmacology, University of Tasmania, Hobart, 7001, Australia; School of Allied Health Sciences and World Union for Herbal Drug Discovery [WUHeDD], Walailak University, Nakhon Si Thammarat, 80160, Thailand; CICECO-Aveiro Institute of Materials, University of Aveiro, Aveiro, 3810-193, Portugal; Department of Medical Sciences, University of Aveiro, Aveiro, 3810-193, Portugal; Hunter Medical Research Institute, New Lambton 2305, Australia; Department of Microbiology, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, 737102, India; Department of Biotechnology & Genetic Engineering, University of Development Alternative, Lalmatia, Dhaka, 1207, Bangladesh; Department of Clinical Tropical Medicine, Faculty of Tropical Medicine, Mahidol University, Bangkok, 10400, Thailand	Review
Kumar V., Kumar A., Kumar S., Sarangi S.	TVMS calcul	2022	Mechanical Systems and Signal Processing	166		108436		Department of Mechanical Engineering, Indian Institute of Technology Patna, Bihar, 801106, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim, 737136, India	Article
Maurya S.K., Sarkar S., Mondal H.K., Ohshima H., Gopmandal P.P.	Electropho	2022	Electrophoresis	43	05-Jun	757	766	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim, India; Physics and Applied Mathematics Unit, Indian Statistical Institute, West Bengal, Kolkata, India; Department of Electronics and Communication Engineering, National Institute of Technology Durgapur, West Bengal, Durgapur, India; Faculty of Pharmaceutical Sciences, Tokyo University of Science, Chiba, Noda, Japan; Department of Mathematics, National Institute of Technology Durgapur, West Bengal, Durgapur, India	Article
Chatterjee S., Chakraborty S.	A multi-att	2022	OPSEARCH	59	1	207	228	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Production Engineering, Jadavpur University, Kolkata, India	Article
Saha S.K., Jha A.	IMPACT OF	2022	Bioscience Journal	38		e38014		Department of Management Studies, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India	Article

Ali M., Bardhan S., Saha S.K.	Polyoxyeth	2022	Journal of Molecular Liquids	348		118455		Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, India; Department of Chemistry, University of North Bengal, Darjeeling, India	Article	
Rai S., Bhujel R., Mondal M.K., Swain B.P., Biswas J.	Study of th	2022	Materials Advances	3	6		2779	2785	Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar East Sikkim737136, India; Department of Metallurgical and Materials Engineering, National Institute of Technology Durgapur, Durgapur, 713209, India; Department of Physics, National Institute of Technology, Manipur, Langol Manipur795004, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim Majhitar737136, India	Article
Chakraborty S., Pradhan R., Dey N., Crespo R.G., Tavares J.M.R.S.	Effect of or	2022	ScienceAsia	48			1	11	Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim, 737136, India; Department of Computer Science and Engineering, JIS University, West Bengal, Kolkata, 700109, India; Universidad Internacional de La Rioja, Logroño, 26006, Spain; Instituto de Ciência e Inovação em Engenharia Mecânica e Engenharia Industrial, Departamento de Engenharia Mecânica, Faculdade de Engenharia, Universidade do Porto, Porto, 4200-465, Portugal	Article
Sangkanu S., Mitsuwan W., Mahboob T., Mahabusarakam W., Chewchanwuttivong S., Siphakdi P., Jimoh T.O., Wilairatana P., Dolma K.G., Pereira M.D.L., Rahmatullah M., Wiart C., Norouzi R., Siyadatpanah A., Mutombo P.N., Nissapatorn V.	Phytochem	2022	Acta Tropica	226		106266			(SEA Water Team), World Union for Herbal Drug Discovery (WUHeDD), Research Excellence Center for Innovation and Health Products (RECIHP), Walailak University, Nakhon Si Thammarat, Thailand; Akkhararatchumari Veterinary College, Walailak University, Nakhon Si Thammarat, Thailand; Division of Physical Science, Faculty of Science, Graduate School, Prince of Songkla University, Songkhla, 90110, Thailand; Faculty of Science and Industrial Technology, Prince of Songkla University, Surat Thani Campus, Makhantae, Surat Thani, Muang, Thailand; Department of Pharmacognosy and Pharmaceutical Botany, Faculty of Pharmaceutical Sciences, Chulalongkorn University, Bangkok, Thailand; Department of Biochemistry, Faculty of Health Sciences, Islamic University in Uganda, P. O. Box 7689, Kampala, Uganda; Department of Clinical Tropical Medicine, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand; Department of Microbiology, Sikkim Manipal Institute of Medical SciencesSikkim, India; Department of Medical Sciences, CICECO-Aveiro Institute of Materials, University of Aveiro, Aveiro, Portugal; Department of Biotechnology & Genetic Engineering, University of Development Alternative, Lalmatia, Dhaka, Bangladesh; Institute for Tropical Biology & Conservation, University Malaysia Sabah, Malaysia; Department of Pathobiology, Faculty of Veterinary Medicine, University of Tabriz, Tabriz, Iran; Ferdows School of Paramedical and Health, Birjand University of Medical Sciences, Birjand, Iran; National Centre for Naturopathic Medicine, Faculty of Health Sciences, Southern	Article
Tamang S., Thapa A., Chettri K., Datta B., Biswas J.	Analysis of	2022	Journal of Computational Electronics	21	1		94	105	Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East, Sikkim, Majitar, 737136, India; Department of Chemistry, Amity Institute of Applied Science, Amity University, Kolkata, 700156, India	Article
Lucksom P.G., Sherpa M.L., Pradhan A., Lal S., Gupta C.	Advances i	2022	Journal of Obstetrics and Gynecology of India	72	1		13	18	Department of OBG, Sikkim Manipal Institute of Medical Sciences, 5th Mile Tadong, Sikkim, Gangtok, India; Department of Biochemistry, Sikkim Manipal Institute of Medical Sciences, Gangtok, India	Review

Jaiswal S., Dey R., Bag A.	Effect of H	2022	National Academy Science Letters	45	1	35	37	Department of Medical Biotechnology, Sikkim Manipal University, Sikkim, Gangtok, 737102, India; Department of Physiology, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Sikkim, Gangtok, 737102, India	Article	
Sharma A., Verma C., Mukhopadhyay S., Gupta A., Gupta B.	Silver Nan	2022	ACS Applied Nano Materials					Bioengineering Laboratory, Department of Textile and Fiber Engineering, Indian Institute of Technology, New Delhi, 110016, India; Department of Pathology, Sikkim Manipal Institute of Medical Sciences, Tadong, Sikkim, Gangtok, 737102, India	Article	
Padhi D.K., Padhy N., Bhoi A.K., Shafi J., Yesuf S.H.	An Intellige	2022	Computational intelligence and neuroscience	2022			7588303	School of Engineering and Technology, Department of Computer Science and Engineering, GIET University, Gunupur, India; KIET Group of Institutions, Delhi NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Gangtok, Sikkim 737102, India; AB-Tech eResearch (ABTeR), Sambalpur, Burla 768018, India; Department of Computer Science, Prince Sattam Bin Abdulaziz University, College of Arts and Science, Saudi Arabia; Department of Computer Science, College of Informatics, University of Gondar, Gondar, Ethiopia	Article	
Saha S.K., Saha S.	A study on	2022	Handbook of Research on Developing Circular, Digital, and Green Economies in Asia				109	121	Sikkim Manipal Institute of Technology, Sikkim Manipal University, India	Book Chapter
Saha S., Saha S.K., Pandey J.R., Jha A.	Employee r	2022	Handbook of Research on Developing Circular, Digital, and Green Economies in Asia				370	386	Sikkim Manipal Institute of Technology, Sikkim Manipal University, India	Book Chapter
Nagarajan G., Minu R.I., Borah S., Mishra D.	Intelligent	2022	Lecture Notes in Electrical Engineering	860			359	367	Sathyabama Institute of Science and Technology, Chennai, India; SRM Institute of Science and Technology, Kattankulathur, India; Sikkim Manipal Institute of Technology, University, Sikkim, India; ITER, Siksha 'O' Anusandhan University, Bhubaneswar, India	Conference Paper
Mallick P.K., Bhoi A.K., González-Briones A., Pattnaik P.K.	Preface	2022	Lecture Notes in Electrical Engineering	860			xi		School of Computer Engineering, Kalinga Institute of Industrial Technology(KIIT) Deemed to be University, Odisha, Bhubaneswar, India; KIET Group of Institutions Delhi-NCR Ghaziabad, India Directorate of Research Sikkim Manipal University, Sikkim, Gangtok, India; Research on Agent based, Social and Interdisciplinary Applications (GRASIA), Complutense University of Madrid, Madrid, Spain	Editorial
Biswas A.S., Sil S., Bera R., Mitra M.	Orthogona	2022	Arabian Journal for Science and Engineering						Department of Electronics and Telecommunication, IEST, Shibpur, Botanical Garden Road, West Bengal, Howrah, 7111103, India; Department of Electronics and Communication Engineering, Calcutta Institute of Engineering and Management, 24/1A Chandi Ghosh Road, Tollygunge, West Bengal, Kolkata, 700040, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, East Sikkim, 737136, India	Article

Mishra S., González-Briones A., Bhoi A.K., Mallick P.K., Corchado J.M.	Preface	2022	Studies in Computational Intelligence	1021			V		School of Computer Engineering, Kalinga Institute of Industrial Technology, Odisha, Bhubaneswar, India; Grupo de Investigación BISITE Departamento de Informática y Automática, Facultad de Ciencias University of Salamanca, Instituto de Investigación Biomédica de Salamanca, Salamanca, Spain; KIET Group of Institutions Ghaziabad, Delhi-NCR, India Directorate of Research Sikkim Manipal University, Sikkim, Gangtok, India; IoT Digital Innovation Hub (Spain), Air Institute, Salamanca, Spain; Osaka Institute of Technology, Osaka, Japan; Universiti Malaysia Kelantan, Kelantan, Kota Bharu, Malaysia	Editorial	
Roy R., Sarkar S.	Physical de	2022	Materials Today: Proceedings						Department of ECE, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Article	
Vinod Ramchandra M., Kumar K., Sarkar A., Kr. Mukherjee S., Agarwal K.	Assesmen	2022	Materials Today: Proceedings					2221	2226	Professor & Head, Sanjivani College of Engineering, Department of MBA, Kopargaon, Affiliated to SP Pune University, Kopargaon, 423601, India; Research Scholar, Dept of Commerce, Central University of Haryana, Haryana, 123029, India; Assistant Professor, Dept. of Management Studies, Sikkim Manipal Institute of Technology, (Sikkim Manipal University), Majitar (Rongpo), 737136, India; Assistant Professor, Dept. of Management Studies, Sikkim Manipal Institute of Technology, (Sikkim Manipal University), Majitar (Rongpo), 737136, India; Director (MBA, PGDM), ITERC, Duhai Road, GZB (Delhi-NCR), Delhi, 110096, India	Article
Dugar T.K., Gowtham S., Chakraborty U.K.	COMPARIN	2022	Research Notes on Computing and Communication Sciences: Applied Soft Computing: Techniques and Applications					177	195	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Book Chapter
Borah S., Panigrahi R.	Research N	2022	Research Notes on Computing and Communication Sciences: Applied Soft Computing: Techniques and Applications					1	258	Borah Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University (SMU), East Sikkim, Majhitar, 737136, India; Department of Computer Applications, Sikkim Manipal University (SMU), Sikkim, India	Book
Mihir, Agarwal C., Agarwal S., Chakraborty U.K.	EXTRACTIV	2022	Research Notes on Computing and Communication Sciences: Applied Soft Computing: Techniques and Applications					135	151	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Book Chapter
Hazarika R.A., Maji A.K., Sur S.N., Olariu I., Kandar D.	A fuzzy me	2022	Journal of Intelligent and Fuzzy Systems	43	2			1779	1792	Department of Information Technology, North Eastern Hill University Shillong, Meghalaya, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo, East Sikkim, Majitar, India; Faculty of Medicine, Vasile Goldis Western University of Arad, Arad, Romania	Article
Biswas A., Dey B., Poudyel B., Sarkar N., Olariu T.	Automatic	2022	Journal of Intelligent and Fuzzy Systems	43	2			1707	1715	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Vasile Goldis Western University of Arad, Arad, Romania	Article

Sivakumar S., Vidyanandini S., Sreedevi E., Nayak S.R., Bhoi A.K.	Antimagic	2022	Lecture Notes in Networks and Systems	375			345	354	Department of Computer Applications, SRM Institute of Science and Technology, SRM Nagar, Tamil Nadu, Kattankulathur, 603203, India; Department of Mathematics, SRM Institute of Science and Technology, Kattankulathur, 603203, India; Department of Computer Science and Engineering, Koneru Lakshmaiah Education Foundation, K L University, Vaddeswaram, Guntur, 522502, India; Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida, India; KIET Group of Institutions, Delhi-NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Sikkim, Gangtok, 737102, India	Conference Paper
Borah S., Aliliele K.C., Rakshit S., Vajjhala N.R.	Applicator	2022	Lecture Notes in Networks and Systems	375			727	736	Sikkim Manipal Institute of Technology, Majhitar, India; American University of Nigeria, Yola, Nigeria; University of New York Tirana, Tirana, Albania	Conference Paper
Sarangi P.K., Sahoo A.K., Kaur G., Nayak S.R., Bhoi A.K.	Gurmukhi	2022	Lecture Notes in Networks and Systems	375			377	386	Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, Rajpura, India; Graphic Era Hill University, Dehradun, India; Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida, India; KIET Group of Institutions, Delhi-NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Sikkim, Gangtok, 737102, India	Conference Paper
Sivakumar S., Vidyanandini S., Sreedevi E., Nayak S.R., Bhoi A.K.	Edge Irregu	2022	Lecture Notes in Networks and Systems	375			355	361	Department of Computer Applications, SRM Institute of Science and Technology, SRM Nagar, Tamil Nadu, Kattankulathur, 603203, India; Department of Mathematics, SRM Institute of Science and Technology, Kattankulathur, 603203, India; Department of Computer Science and Engineering, Koneru Lakshmaiah Education Foundation, K L University, Vaddeswaram, Guntur, 522502, India; Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida, India; KIET Group of Institutions, Delhi-NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Sikkim, Gangtok, 737102, India	Conference Paper
Kislay A., Singh P., Shankar A., Nayak S.R., Bhoi A.K.	A Review o	2022	Lecture Notes in Networks and Systems	375			387	394	Amity School of Engineering & Technology, Amity University Uttar Pradesh, Noida, India; KIET Group of Institutions, Delhi-NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Sikkim, Gangtok, 737102, India	Conference Paper
Chandrayan S.S., Singh K., Bhoi A.K.	Atmospher	2022	Lecture Notes in Networks and Systems	375			431	443	School of Computer Engineering, Kalinga Institute of Industrial Technology (Deemed to be University), Odisha, Bhubaneswar, India; KIET Group of Institutions, Delhi-NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Sikkim, Gangtok, 737102, India	Conference Paper
Borah S., Kama C., Rakshit S., Vajjhala N.R.	Applicator	2022	Lecture Notes in Networks and Systems	375			717	726	Sikkim Manipal Institute of Technology, Majhitar, India; American University of Nigeria, Yola, Nigeria; University of New York Tirana, Tirana, Albania	Conference Paper
Muskaan, Sarangi P.K., Singh S., Nayak S.R., Bhoi A.K.	Prediction	2022	Lecture Notes in Networks and Systems	375			363	375	Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, Rajpura, India; Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida, India; KIET Group of Institutions, Delhi-NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Sikkim, Gangtok, 737102, India	Conference Paper

Singh A., Jha A., Purbey S., Ravi P.	Healthcare	2022	Journal of Integrated Care						MBA (Hospital and Healthcare Management), Symbiosis Institute of Health Sciences, A Constituent of Symbiosis International (Deemed University), Pune, India; Department of Management Studies, Sikkim Manipal Institute of Technology, Majhitar, India; Department of Management Studies, Development Management Institute, Patna, India; Manipal Hospital, Pune, India	Article
Sarkar S., Chettri S., Bomzon U.	Effect of ur	2022	Materials Today: Proceedings	60			351	358	Department of Civil Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, 737136, India	Article
Bhattacharya S., Borah S., Mishra B.K., Mondal A.	Emotion de	2022	Multimedia Tools and Applications						School of Computer Engineering (SOCE), GIET University, Gunupur, India; Department of Computer Applications, SMIT, Sikkim Manipal University, Sikkim, Rangpo, India; Department of Information Technology, Techno India College of Technology, Kolkata, India	Article
Saha S.K., Adhikary A., Jha A., Mehta V.K.	DEMATEL	2022	International Journal of Reliable and Quality E-Healthcare	11	1				Sikkim Manipal Institute of Technology, Sikkim Manipal University, India; Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, India	Article
Bevelander P., Hollifield J.F.	Managing t	2022	Handbook on Migration and Welfare				13	44	Department of Global Political Studies, Sweden; Malmö Institute of Studies of Migration, Diversity and Welfare, Malmö University, Sweden; Tower Center, SMU, India; Wilson Center, United States	Book Chapter
Pradhan B., Abdikian A., Saha A.	Nonlinear	2022	Waves in Random and Complex Media						Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East-Sikkim, Rangpo, India; Department of Physics, Malayer University, Malayer, Iran	Article
Datta D., Mallick P.K., Bhoi A.K., Ijaz M.F., Shafi J., Choi J.	Hyperspect	2022	Computational Intelligence and Neuroscience	2022			3854635		School of Computer Engineering, Kalinga Institute of Industrial Technology, Deemed to Be University, Bhubaneswar, 751024, India; KIET Group of Institutions, Delhi-NCR, Ghaziabad, 201206, India; Directorate of Research, Sikkim Manipal University, Sikkim, Gangtok, 737102, India; AB-Tech EResearch (ABTeR), Burla, Sambalpur, 768018, India; Department of Intelligent Mechatronics Engineering, Sejong University, Seoul, 05006, South Korea; Department of Computer Science, College of Arts and Science, Prince Sattam Bin Abdul Aziz University, Wadi Ad-Dawasir11991, Saudi Arabia; School of Computing, Gachon University, Seongnam-si, 13120, South Korea	Review
Paul P., Biswas J., Chattopadhyay S., Kabi S.	Analytical r	2022	Materials Today: Proceedings	58			653	655	Department of Physics, Sikkim Manipal Institute of Technology, SMU, Sikkim737136, India; Department of Chemistry, Sikkim Manipal Institute of Technology, SMU, Sikkim737136, India; Department of Physics, School of Basic Sciences, Manipal University Jaipur, Rajasthan, Jaipur, 303007, India	Article
Das A.	Optimizati	2022	Materials Today: Proceedings	58			660	664	Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majhitar, 737136, India	Article
Chettri B., Sharma A., Das S.K., Sharma B.	First principl	2022	Materials Today: Proceedings	58			696	701	Department of Physics, Sikkim Manipal Institute of Technology, Rangpo, India; Electronics and Communication Engg., Sikkim Manipal Institute of Technology, Rangpo, India	Article

									Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Department of Electronics and Communication, National Institute of Technology, Durgapur, 713209, India; Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	
Ghosh A., Pal H., Das T., Chatterjee S., Das A.	Synthesis a	2022	Materials Today: Proceedings	58			714	716		Article
Saha S.K.	Bibliograph	2022	International Journal of Reliable and Quality E-Healthcare	11	1				Sikkim Manipal Institute of Technology, Sikkim Manipal University, India	Article
Chhetri N., Das G., Kole A., Saha H., Haldar S., Chatterjee S.	P-type poly	2022	Materials Today: Proceedings	58			665	667	Centre for Material Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim 737136, India; Centre of Excellence for Green Energy and Sensor Systems, Indian Institute of Engineering, Science and Technology, Shibpur, West Bengal, Howrah, 711103, India; Department of Physics, University of North Bengal, Raja Rammohanpur, West Bengal, Darjeeling, 734134, India	Article
Kumari P., Sharma A., Kumawat A., Samanta S., Misra K.P., Rao A., Kabi S., Chattopadhyay S.	Strong UV	2022	Materials Today: Proceedings	58			642	647	Department of Chemistry, School of Basic Sciences, Manipal University Jaipur, Rajasthan, Jaipur, 303007, India; Department of Physics, School of Basic Sciences, Manipal University Jaipur, Rajasthan, Jaipur, 303007, India; Department of Physics, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, 576104, India; Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India	Article
R. Velingkar K., Ramachandra P., V Pai M., Krishna Rao B.	Influence d	2022	Physiotherapy Theory and Practice						Department of Physiotherapy, Manipal College of Health Professions, Manipal Academy of Higher Education, Manipal, India; Department of Obstetrics and Gynecology, Sikkim Manipal Institute of Medical Sciences, Gangtok, India	Article
Chakrabarty S., Islam R., Pricop E., Sarma H.K.D.	An Approa	2022	IEEE Access	10			47322	47339	Sikkim Manipal Institute of Technology, Department of Information Technology, Rangpo, Sikkim, 737136, India; Cloud Shine Global LLP, Assam, Guwahati, 781028, India; Petroleum-Gas University of Ploiesti, Department of Control Engineering, Computers and Electronics, Ploiesti, 100680, Romania; SRM University Andhra Pradesh (SRM AP), Department of Computer Science and Engineering, Amaravati, 522502, India	Article
Pal H., Mahapatra R., Datta S., Chatterjee S.	Cellulosic g	2022	Materials and Manufacturing Processes						Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India; Department of Electronics and Communication, National Institute of Technology, Durgapur, India; Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, India	Article
Sarkar P., Gurung S., De S.	Underwate	2022	Smart Innovation, Systems and Technologies	267			473	482	Sikkim Manipal Institute of Technology, SMU, Majitar, India; Coochbehar Government Engineering College, Cooch Behar, India	Conference Paper

Deka U., Pradhan B.	Effect of pl	2022	Materials Today: Proceedings	58			656	659	Department of Physics, Manipal Institute of Technology Bengaluru, Manipal Academy of Higher Education, Manipal, India; Department of Physics, Sikkim Govt. Science College Chakung, Sikkim university, Sikkim-737121, Soreng, India; Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majhitar, 737136, India	Article
Kothandaraman D., Manickam M., Balasundaram A., Pradeep D., Arulmurugan A., Sivaraman A.K., Rani S., Dey B., Balakrishna R.	Decentraliz	2022	Intelligent Automation and Soft Computing	34	1		655	666	School of Computer Science and Artificial Intelligence, SR University, Telangana, Warangal, 506371, India; Department of Networking and Communications, SRM Institute of Science and Technology, Kattankulathur Tamil Nadu, Chennai, 603203, India; School of Computer Science and Engineering, Center for Cyber Physical Systems, Vellore Institute of Technology (VIT), Tamil Nadu, Chennai, 600127, India; Department of Computer Science and Engineering, M. Kumarasamy College of Engineering, Tamil Nadu, Karur, 639113, India; Department of Computer Science and Engineering, Vignan's Foundation for Science, Technology & Research, Andhra Pradesh, Guntur, 522213, India; School of Computer Science and Engineering, Vellore Institute of Technology (VIT), Tamil Nadu, Chennai, 600127, India; Department of Computer Science and Engineering, Gulzar Group of Institutions, Punjab, Khanna, 141401, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Department of Computer science and Engineering, Vels Institute of Science Technology and Advanced Studies (VISTAS), Tamil Nadu, Chennai, 600117, India	Article
Minu R.I., Nagarajan G., Borah S., Mishra D.	LSTM-RNN	2022	Smart Innovation, Systems and Technologies	286			327	339	SRM Institute of Science and Technology, Tamilnadu, Kattankulathur, India; Sathyabama Institute of Science and Technology, Tamilnadu, Chennai, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; ITER, Siksha 'O' Anusandhan University, Bhubaneswar, India	Conference Paper
Saravanan T.R., Nagarajan G., Minu R.I., Borah S., Mishra D.	Efficient Pe	2022	Smart Innovation, Systems and Technologies	286			65	75	SRM Institute of Science and Technology, Chennai, India; Sathyabama Institute of Science and Technology, Chennai, India; Sikkim Manipal University, Gangtok, India	Conference Paper
Nagarajan G., Minu R.I., Saravanan T.R., Borah S., Mishra D.	Artificial In	2022	Smart Innovation, Systems and Technologies	286			269	276	Sathyabama Institute of Science and Technology, Tamilnadu, Chennai, India; SRM Institute of Science and Technology, Tamilnadu, Kattankulathur, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; ITER, Siksha 'O' Anusandhan University, Bhubaneswar, India	Conference Paper
Sapkota G., Das S., Sharma A., Kumar Ghadai R.	Compariso	2022	Materials Today: Proceedings	58			702	708	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, 737136, India; Sikkim State University, Tadong, Gangtok, 737102, India	Article

Pal H., Ghosh A., Chatterjee S., Mahapatra R.	Investigati	2022	Materials Today: Proceedings	58			717	720	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim737136, India; Department of Electronics and Communication, National Institute of Technology, Durgapur, 713209, India; Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim737136, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim737136, India	Article
Pradhan P., Shabbiruddin, Pradhan S.	Selection o	2022	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	44	2		2651	2673	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Electrical Engineering, Government Engineering College, Banka, , Department of Science and Technology, Aryabhata Knowledge University, Bihar, India; Vendor Management, COTIVITI, Kathmandu, Nepal	Article
Kalita K., Ghadai R.K., Bansod A.	Sensitivity	2022	International Journal of Applied Metaheuristic Computing	13	1				Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, India; Sikkim Manipal Institute of Technology, Sikkim, India	Article
Sarkar P., De S., Gurung S.	A Survey of	2022	Studies in Computational Intelligence	1029			91	104	Sikkim Manipal Institute of Technology, SMU, Rangpo, India; Cooch Behar Government Engineering College, Cooch Behar, India	Book Chapter
Ghatak S., Battacharjee D.	Video inde	2022	Multimedia Tools and Applications						Sikkim Manipal Institute of Technology, Staff Quater L-304, Majitar, Rangpo, East Sikkim, India; Jadavpur University, 188, Raja S.C. Mallick Rd, West Bengal, Kolkata, 700032, India	Article
Das P.P., Tiwary A.P., Chakraborty S.	A hybrid M	2022	International Journal on Interactive Design and Manufacturing						Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Production Engineering, Jadavpur University, West Bengal, Kolkata, India	Article
Digal G., Atungbou N.	Odia Dalit	2022	Contemporary Voice of Dalit						Council for Social Development, Hyderabad, Telangana, Rajendranagar, India; Department of Humanities and Social Sciences, Sikkim Manipal University, Sikkim, Gangtok, India	Article
Das S.K., Chettri B., Chettri P., Deka U., Mukherjee V., Sharma B.	Investigati	2022	Materials Today: Proceedings						Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, East Sikkim, Sikkim737136, India; Department of Physics, Manipal Institute of Technology, MAHE, Karnataka, Bengaluru, 560064, India; Department of Physics, NIT Durgapur, West Bengal713209, India; Department Electronics and Communication Engg, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, East Sikkim, Sikkim737136, India	Article
Roy R., Sarkar S., Dhar S.	Design of a	2022	IETE Journal of Research						Department of ECE, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India	Article
Awotunde J.B., Oluwabukonla S., Chakraborty C., Bhoi A.K., Ajamu G.J.	Application	2022	International Series in Operations Research and Management Science	320			3	26	Department of Computer Science, University of Ilorin, Ilorin, Nigeria; Department of Mathematical Sciences, Olabisi Onabanjo University, Ago-Iwoye, Nigeria; Department of Computer Science and Engineering, Birla Institute of Technology, Jharkhand, Mesra, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Sikkim, Majitar, India; Department Agricultural Extension and Rural Development, Landmark University, Omu-Aran, Nigeria	Book Chapter

Hazarika R.A., Maji A.K., Syiem R., Sur S.N., Kandar D.	Hippocamp	2022	Journal of Digital Imaging						Department of Information Technology, North Eastern Hill University, Meghalaya, Shillong, 793022, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India	Article	
Das S., Chattopadhyay A., Tewari S.	Architectur	2022	Silicon						Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, East Sikkim, 737136, India; Institute of Radio Physics and Electronics, University of Calcutta, West Bengal, Kolkata, 700009, India	Article	
Natiq H., Saha A.	In search o	2022	European Physical Journal: Special Topics						Information Technology Collage, Imam Ja'afar Al-Sadiq University, Baghdad, Iraq; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, Gangtok, 737136, India	Article	
Kiran S., Poudyal A., Pradhan S., Gautom M.	Application	2022	Lecture Notes in Civil Engineering		205			157	167	Sikkim Manipal Institute of Technology, Sikkim, Majhitar, India	Conference Paper
Sharma R.K., Kumar R., Pradhan P., Sharma A.	Climate-Ind	2022	Springer Climate					161	182	Department of Environmental Science, School of Basic Sciences and Research, Sharda University, Uttar Pradesh, Greater Noida, India; Department of Environmental Science, School of Earth Sciences, Central University of Rajasthan, Rajasthan, Ajmer, India; Sikkim State Council of Science and Technology, Vigyan Bhawan, Sikkim, Gangtok, Deorali, India; Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim, Majitar, India	Book Chapter
Saha S.K., Adhikary A., Jha A.	Enhancem	2022	European Physical Journal: Special Topics							Department of Management Studies, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Article
Verma U., Sohani M., Borah S., Nagwanshi K.K., Pathak S.	Role of Fog	2022	Lecture Notes on Data Engineering and Communications Technologies		86			397	406	SVKM's NMIMS University, MPSTME Shirpur Campus, Maharashtra, Shirpur, 425405, India; Sikkim Manipal Institute of Technology, Sikkim, East Sikkim, Majitar, Rangpo, 737132, India; Department of Computer Science & Engineering, Amity School of Engineering & Technology, Amity University Rajasthan, Jaipur, India	Book Chapter
Borah S., Mishra S.K., Mishra B.K., Balas V.E., Polkowski Z.	Preface	2022	Lecture Notes on Data Engineering and Communications Technologies		86			v	vii	Sikkim Manipal University Majhitar, Sikkim, Rangpo, India; GIET University, Odisha, Gunupur, India; Jan Wyzkowski University, Polkowice, Poland; Gandhi Institute for Education and Technology, Odisha, Bhubaneswar, India; Department of Automatics and Applied Software, Aurel Vlaicu University, Arad, Romania	Editorial
Mishra J.P., Polkowski Z., Mishra S.K., Borah S.	Symmetric	2022	Lecture Notes on Data Engineering and Communications Technologies		86			41	49	Gandhi Institute for Education and Technology, Affiliated to Biju Patnaik University of Technology, Rourkela, Baniatangi, Bhubaneswar, India; Wroclaw University of Economics and Business, Wroclaw, Poland; Sikkim Manipal Institute of Technology, East Sikkim, Majitar, India	Book Chapter
Borah S., Singh N.K., Yolmo P.U., Kumar R., Panigrahi R.	Document	2022	Lecture Notes on Data Engineering and Communications Technologies		86			253	261	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Book Chapter

Ray J.K., Biswas A.S., Sil S., Bera R., Shome S., Biswas P., Mitra M.	Realization	2022	Innovations in Systems and Software Engineering						Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, East Sikkim, 737136, India; Department of Electronics and Telecommunication, IEST, Shibpur, Botanical Garden Road, West Bengal, Howrah, 7111103, India; Department of Electronics and Communication Engineering, Calcutta Institute of Engineering and Management, 24/1A Chandi Ghosh Road, Tollygunge, West Bengal, Kolkata, 700040, India; Department of Electronics and Communication Engineering, St. Mary's Technical Campus Kolkata, Ichapur Nilgunge Gram Panchayat, Barasat, West Bengal, Kolkata, 700126, India	Article
Kumar H., Kumar G., Singh S., Paul S.	Text Summ	2022	Smart Innovation, Systems and Technologies	269			133	145	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Gangtok, India	Conference Paper
Passah A., Sur S.N., Paul B., Kandar D.	SAR Image	2022	IEEE Access	10			20385	20399	Department of Information Technology, North-Eastern Hill University, Meghalaya, Shillong, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Rangpo, India; Institute for Intelligent Systems, University of Johannesburg, Johannesburg, South Africa	Article
Islam H., Das S., Ali T., Bose T., Kumari S., Prakash O., Kumar P.	Bandstop F	2022	IEEE Access	10			19060	19071	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Electronics and Communication, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, India; Department of Electronics Engineering, University Polytechnic, Birla Institute of Technology, Jharkhand, India; ECE Department, Sri Venkateswara College of Engineering and Technology, Andhra Pradesh, India; Discipline of Electrical, Electronic and Computer Engineering, University of KwaZulu-Natal, Durban, South Africa	Article
Das S., Sharma B.	Thermal Ef	2022	Silicon						Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, PIN 737136, India	Article
Zaman G.S., Al-Saleem Alshahrani S.A.S., Laskar N.B., Hadadi I., Alelyani M., Adam M., Babiker M., Musa M.J., Barua P., Mohammed M.E.A.	Associator	2022	International Journal of General Medicine	15			1213	1223	Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, King Khalid University, Abha, Saudi Arabia; Family & Community Department, College of Medicine, King Khalid University, Abha, Saudi Arabia; Department of Community Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim, India; Department of Radiological Sciences, College of Applied Medical Sciences, King Khalid University, Abha, Saudi Arabia; Department of Clinical Biochemistry, College of Medicine, King Khalid University, Abha, Saudi Arabia; Department of Radiology, College of Applied Medical Sciences, Jeddah University, Jeddah, Saudi Arabia; Department of Statistics, J.B. College, Assam, Jorhat, India; Department of Chemistry, Faculty of Science, King Khalid University, Abha, Saudi Arabia	Article

Pramanik M., Pradhan R., Nandy P., Bhoi A.K., Barsocchi P.	The ForEx+	2022	Journal of Ambient Intelligence and Humanized Computing						Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India; Department of Computer Engineering, Sikkim Institute of Science and Technology, South Sikkim, Jorethang, India; Department of Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Sikkim, Gangtok, 737102, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India; Institute of Information Science and Technologies, National Research Council, Pisa, 56124, Italy; KIET Group of Institutions, Delhi-NCR, Ghaziabad, 201206, India; AB-Tech eResearch (ABTeR), Burla, Sambalpur, 768018, India	Article	
Roy G., Bhoi A.K., Das S., Bhaumik S.	Cross-corre	2022	Signal, Image and Video Processing						Department of Aerospace Engineering and Applied Mechanics, Indian Institute of Engineering Science and Technology, Shibpur, West Bengal, Howrah, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Sikkim, Gangtok, India; School of Mechatronics and Robotics, Indian Institute of Engineering Science and Technology, Shibpur, Howrah, India; Department of Aerospace Engineering and Applied Mechanics, Indian Institute of Engineering Science and Technology, Shibpur, Howrah, India; Department of Instrumentation Engineering, Central Institute of Technology, Assam, Kokrajhar, India	Article	
Das P.P., Chakraborty S.	Applicator	2022	International Journal on Interactive Design and Manufacturing						Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Production Engineering, Jadavpur University, West Bengal, Kolkata, India	Article	
Subba R., Shabbiruddin	Optimum h	2022	International Journal of Management Science and Engineering Management						Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, India	Article	
Lama P., Tewari J., Adams M.A., Maitre C.L.	Degenerati	2022	Histology and Histopathology	37	1		11	20	Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, India; Centre for Clinical Anatomy, University of Bristol, United Kingdom; Biomolecular Science Research Centre, Sheffield Hallam University, United Kingdom	Article	
Shabbiruddin, Kanwar N., Jadoun V.K., Alotaibi M.A., Malik H., Nassar M.E.	Fuzzy-Base	2022	Energies	15	1	58			Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, 737136, India; Department of Electrical Engineering, Manipal University Jaipur, Jaipur, 303007, India; Department of Electrical & Electronics Engineering, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, 576104, India; Department of Electrical Engineering, College of Engineering, King Saud University, Riyadh, 11421, Saudi Arabia; BEARS, NUS Campus, University Town, Singapore, 138602, Singapore; Department of Electrical and Computer Engineering, University of Waterloo, Waterloo, ON N2L 3G1, Canada	Article	
Handique M., Prasad A., Sarma H.K.D.	Complete T	2022	Lecture Notes in Networks and Systems	281				345	355	Assam University, Assam, Silchar, 788011, India; Sikkim Manipal Institute of Technology, Sikkim, Rangpo, 737136, India	Conference Paper

Chavan N., Ranjan P., Kumar U., Shrivastav K.D., Sarma H.K.D., Janardhanan R.	Kloman Me	2022	Lecture Notes in Networks and Systems	281			439	451	Health Data Analytics & Visualization Environment, Amity Institute of Public Health, Amity University Uttar Pradesh, Sector 125, Noida, India; SRM University, Neerukonda, Mangalagiri Mandal Guntur District, Andhra Pradesh, Mangalagiri, 522502, India; Delhi State Cancer Institute, Dilshad Garden, Delhi, India; Department of Information Technology, Sikkim Manipal Institute of Technology, East Sikkim, Majitar, 737136, India; Laboratory of Disease Dynamics & Molecular Epidemiology, Amity Institute of Public Health, Amity University Uttar Pradesh, Sector 125, Noida, India	Conference Paper
Pradhan P.K., Baruah U.	Object Det	2022	Lecture Notes in Networks and Systems	281			215	227	Centre for Computers and Communication Technology, South Sikkim, Chisopani, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majitar, India	Conference Paper
Mohanty S., Anand R., Dutta A., Kumar V., Kumar U., Islam M.R.	Mobile Clo	2022	Lecture Notes in Networks and Systems	281			173	183	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India	Conference Paper
Dhakal D., Rathor M., Dey S., Dey P., Sharma K.	ASCTWNDI	2022	Lecture Notes in Networks and Systems	281			139	147	Sikkim Manipal Institute of Technology, Sikkim, Majitar, Rangpo, India	Conference Paper
Dey A.J., Sarma H.K.D.	A Survey of	2022	Lecture Notes in Networks and Systems	281			307	314	Technology Specialist, NIIT Technologies Ltd, Noida, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim, Majitar, India	Conference Paper
Subba T., Chingtham T.S.	A Survey of	2022	Lecture Notes in Networks and Systems	281			297	306	Department of CSE, Sikkim Manipal Institute of Technology, SMU, Sikkim, Majitar, India	Conference Paper
Borah N., Baruah U.	Feature Ext	2022	Lecture Notes in Networks and Systems	281			205	214	Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India	Conference Paper
Sharma A., Islam M.R., Ningombam D.	Impact of T	2022	Lecture Notes in Networks and Systems	281			77	85	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India	Conference Paper
Sapkota K., Shabbiruddin, Sherpa K.S.	Spatial Ana	2022	Lecture Notes in Networks and Systems	281			385	398	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Sikkim Manipal University, Sikkim, Gangtok, India	Conference Paper
Sarma H.K.D.	Genomic D	2022	Lecture Notes in Networks and Systems	281			187	201	Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim, Majitar, 737136, India	Conference Paper
Jha A., Banerjee P., Jha A.	Ecological	2022	Lecture Notes in Networks and Systems	281			399	414	Department of CSE, SMIT, SMU, Sikkim, Majitar, 737136, India; Department of Management Studies, SMIT, SMU, Majitar, 737136, India	Conference Paper
Adarsh A., Tamang T.L., Pradhan P., Singh V.K., Sen B., Sharma K.	Delay-Base	2022	Lecture Notes in Networks and Systems	281			125	138	Department of Computer Science & Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Bangalore, India; Department of Computer Science & Engineering, VMWARE Technologies Bangalore, Bangalore, India	Conference Paper
Ningthoujam C., Chingtham T.S.	Comprehe	2022	Lecture Notes in Networks and Systems	281			229	240	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India	Conference Paper
Raju R.S., Gurung S., Rai P.	An Overvie	2022	Lecture Notes in Networks and Systems	281			39	55	Sikkim Manipal Institute of Technology, Sikkim, Majitar, India	Conference Paper
Mohapatra S., Goswami A., Singh A., Singh V.K., Sen B., Sharma K.	Exploratory	2022	Lecture Notes in Networks and Systems	281			315	325	Department of Computer Science & Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper

Abiodun M.K., Adeniyi E.A., Awotunde J.B., Bhoi A.K., AbdulRaheem M., Oladipo I.D.	A Framework	2022	EAI/Springer Innovations in Communication and Computing				163	182	Department of Computer Science, Landmark University, Omu-Aran, Nigeria; Department of Computer Science, University of Ilorin, Ilorin, Nigeria; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India	Book Chapter
Nguyen M.-S.V., Sur S.N., Do D.-T.	Design of N	2022	EAI/Springer Innovations in Communication and Computing				73	95	Faculty of Electronics Technology, Industrial University of Ho Chi Minh City (IUH), Ho Chi Minh City, Viet Nam; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Computer Science and Information Engineering, Asia University, Taichung, Taiwan	Book Chapter
Oladipo I.D., AbdulRaheem M., Awotunde J.B., Bhoi A.K., Adeniyi E.A., Abiodun M.K.	Machine Le	2022	EAI/Springer Innovations in Communication and Computing				143	162	Department of Computer Science, University of Ilorin, Ilorin, Nigeria; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Computer Science, Landmark University, Omu-Aran, Nigeria	Book Chapter
Nguyen M.-S.V., Sur S.N., Do D.-T.	A Compreh	2022	EAI/Springer Innovations in Communication and Computing				1	19	Faculty of Electronics Technology, Industrial University of Ho Chi Minh City (IUH), Ho Chi Minh City, Viet Nam; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Computer Science and Information Engineering, Asia University, Taichung, Taiwan	Book Chapter
Kumari R., Pandit M., Sherpa K.S.	A compreh	2022	Australian Journal of Electrical and Electronics Engineering	19	1		40	55	Sikkim Manipal Institute Of Technology, Majhitara, India; Sikkim Manipal Institute Of Technology, Majhitara, India; Sikkim Manipal University, Gangtok, India	Article
Sur S.N., Balas V.E., Bhoi A.K., Nayyar A.	Preface	2022	EAI/Springer Innovations in Communication and Computing				v	vii	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology Sikkim Manipal University, Sikkim, Majitar, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Automatics and Applied Software, Faculty of Engineering, Aurel Vlaicu University of Arad, Arad, Romania; Faculty of Information Technology, Duy Tan University, Da Nang, Viet Nam	Editorial
Dahal P., Sharma G.P., Patil S.	Seismic Vu	2022	Lecture Notes in Civil Engineering	188			103	112	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Gangtok, 737136, India; Manipal School of Architecture and Planning, Manipal Academy of Higher Education, Manipal, 576104, India	Conference Paper
Borah S.	Editorial	2022	International Journal of Biometrics	14	1		1	2	Department of Computer Applications, Sikkim Manipal University, Sikkim, 737136, India	Editorial
Arunachalam P., Janakiraman N., Sivaraman A.K., Balasundaram A., Vincent R., Rani S., Dey B., Muralidhar A., Rajesh M.	Synovial sa	2022	Intelligent Automation and Soft Computing	32	2		1241	1259	Department of Electronics and Communication, K.L.N. College of Engineering, Madurai, 630612, India; School of Computer Science and Engineering, Vellore Institute of Technology (VIT), Chennai, 600127, India; School of Computer Science and Engineering, Centre for Cyber Physical Systems, Vellore Institute of Technology (VIT), Chennai, 600127, India; Department of Computer Science and Engineering, Gulzar Group of Institutions, Khanna, 141401, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Article
Toppo B., Oraon M., Roy M.K.	Incrementa	2022	Lecture Notes in Mechanical Engineering				293	301	Sikkim Manipal Institute of Technology, Majitar, East Sikkim, 737136, India; Birla Institute of Technology, Mesra, Ranchi, 835215, India	Conference Paper

Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Design of a	2022	Studies in Computational Intelligence	995				143	157	Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	Book Chapter
Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Being Hidd	2022	Studies in Computational Intelligence	995				17	36	Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	Book Chapter
Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Intrusion D	2022	Studies in Computational Intelligence	995				101	127	Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	Book Chapter
Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	TOR—The	2022	Studies in Computational Intelligence	995				37	55	Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	Book Chapter
Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Introductio	2022	Studies in Computational Intelligence	995				129	141	Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	Book Chapter
Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	DarkNet ar	2022	Studies in Computational Intelligence	995				57	69	Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	Book Chapter

Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Introductio	2022	Studies in Computational Intelligence	995				1	16	Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	Book Chapter
Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Importance	2022	Studies in Computational Intelligence	995				159	174	Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	Book Chapter
Dutta N., Jadav N., Tanwar S., Sarma H.K.D., Pricop E.	Introductio	2022	Studies in Computational Intelligence	995				71	100	Department of Computer Science and Engineering, SRM University, Mangalagiri, Andhra Pradesh, India; Department of Computer Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Automatic Control, Computers and Electronics Department, Petroleum-Gas University of Ploiesti, Ploiești, Romania	Book Chapter
Mukherjee S.K., Kumar J., Pareek S.K., Jha A.K.	Analysis of	2022	International Journal of e-Collaboration	18		1				Sikkim Manipal University, India; The Institute of Cost Accountants of India, India; Sikkim Manipal Institute of Technology, India	Article
Biswas A.S., Sil S., Bera R., Mitra M.	Performan	2022	Lecture Notes in Electrical Engineering	786				323	335	Department of Electronics and Communication Engineering, TINT, New Town, Kolkata, India; Department of Electronics and Communication Engineering, CIEM, Kolkata, India; Department of Electronics and Communication Engineering, SMIT, Rangpo, Sikkim, India; Department of Electronics and Telecommunication Engineering, IEST, Shibpur, Howrah, India	Conference Paper
Jha A., Bhoi A.K., Saha S.K., Singh A., Mukherjee S., Sharma B., Jayarani	Impact of S	2022	EAI/Springer Innovations in Communication and Computing					31	44	Department of Management Studies, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Symbiosis Institute of Health Sciences, Pune, India	Book Chapter
Saha S.K., Jha A., Bhoi A.K., Singh A., Kumar J., Rani J.	An Empiric	2022	EAI/Springer Innovations in Communication and Computing					45	62	Department of Management Studies, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India; Symbiosis Institute of Health Sciences, Pune, India	Book Chapter
Bera R.	Generatio	2022	Lecture Notes in Electrical Engineering	794				97	122	Department of Electronics & Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim, Sikkim, 737136, India	Book Chapter

Dutta R., Paitya N.	Novel InAs	2022	Lecture Notes in Electrical Engineering	794			251	262	Center of Intelligent Systems and Robotics - ITER, Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar, Odisha, 751030, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Book Chapter
Das S.D., Biswas A., Bhattacharjee R., Gupta S., Dey B.	Automatic	2022	Lecture Notes in Electrical Engineering	776			487	492	Electronics and Communication Engineering Department, Sikkim Manipal Institute of Technology, Gangtok, Sikkim, India	Conference Paper
Tamang J.S., Jha S.K., Dhar R.S., Chatterjee S.	Detection of	2022	Lecture Notes in Electrical Engineering	776			233	239	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Majitar, Sikkim, 737136, India; Department of Electronics and Communication Engineering, National Institute of Technology, Aizwal, Mizoram, 796012, India	Conference Paper
Sharma P., Sur S.N.	Performan	2022	Lecture Notes in Electrical Engineering	776			415	423	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim, 737136, India	Conference Paper
Rai P., Pradhan N., Pokhrel K.	Analysis of	2022	Lecture Notes in Electrical Engineering	776			379	392	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; Department of Electronics and Communication Engineering Sikkim, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper
Biswas A., Paudel B., Sarkar N.	Smart Face	2022	Lecture Notes in Electrical Engineering	776			143	149	Electronics and Communication Engineering Department, Sikkim Manipal Institute of Technology, Sikkim, India	Conference Paper
Singh J., Garg K., Kumar N., Sharma B.	Home Auto	2022	Lecture Notes in Electrical Engineering	776			479	486	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, 737136, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, 737136, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, 737136, India	Conference Paper
Le C.-B., Do D.-T., Sur S.N.	Reconfigur	2022	Lecture Notes in Electrical Engineering	776			367	378	Faculty of Electronics Technology, Industrial University of Ho Chi Minh City, Ho Chi Minh City, Viet Nam; Department of Computer Science and Information Engineering, College of Information and Electrical Engineering, Asia University, Taichung city, Taiwan; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, 737136, India	Conference Paper
Dutta R., Paitya N.	Performan	2022	Lecture Notes in Electrical Engineering	776			27	35	Department of Electronics and Communication Engineering, Surendra Institute of Engineering and Management, Maulana Abul Kalam Azad University of Technology, Kolkata, West Bengal, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper
Thapa A., Pradhan P.C., Sharma B.	Computati	2022	Lecture Notes in Electrical Engineering	776			51	60	Department of Electronics & Communication Engineering, SMIT, SMU, Majitar, India	Conference Paper
Roy R., Sarkar S., Dhar S.	Physical De	2022	Lecture Notes in Electrical Engineering	776			37	50	Department of ECE, Sikkim Manipal University, Sikkim, India	Conference Paper

									Department of Electronics and Communication Engineering Sikkim, Manipal Institute of Technology, Rangpo, Sikkim, India; Electronics and Communications Engineering Department Sikkim Manipal Institute of Technology, Rangpo, India; School of Engineering (E6B1.11, Macquarie University, Sydney, NSW, Australia; Department of Computer Science and Information Engineering, National Taipei University of Technology, Taipei, Taiwan	
Dhar S., Mukhopadhyay S.C., Sur S.N., Liu C.-M.	Preface	2022	Lecture Notes in Electrical Engineering	776			v	vi		Editorial
Sharma A., Gautam K., Koirala T.K.	Compariso	2022	Lecture Notes in Electrical Engineering	776			307	317	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Conference Paper
Paudel B., Sarkar N., Chakraborty S.	A Comparis	2022	Lecture Notes in Electrical Engineering	776			297	305	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, 737132, India	Conference Paper
Mittal S., Ranjan A., Roy B., Rathore V.	Mus-Emo:	2022	Lecture Notes in Electrical Engineering	776			267	276	Sikkim Manipal Institute of Technology, SMU, Gangtok, Sikkim, India	Conference Paper
Roy B., Gupta M., Kumar A., Sweta	Target Det	2022	Lecture Notes in Electrical Engineering	776			89	99	Sikkim Manipal Institute of Technology, SMU, East Sikkim, India; UG Student, Sikkim Manipal Institute of Technology, SMU, East Sikkim, India	Conference Paper
Kumari R., Pandit M., Sherpa K.S.	Dual-Input	2022	Lecture Notes in Electrical Engineering	776			319	327	Electrical and Electronics Engineering Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Upadhyaya B., Sharma K., Gurung S.	A Survey of	2022	Lecture Notes in Electrical Engineering	776			137	142	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Singh A., Kumar J., Jha A., Purbey S.	Bibliometri	2022	Lecture Notes in Electrical Engineering	776			75	88	Symbiosis Institute of Health Sciences, Symbiosis International (Deemed University), Pune, Maharashtra, India; Department of Management Studies, Sikkim Manipal Institute of Technology, Majhitar, Sikkim, India; Development Management Institute, Patna, Bihar, India	Conference Paper
Kumar N., Dey B., Chetri C., Agarwal A., Debnath A.	Developme	2022	Lecture Notes in Electrical Engineering	776			455	465	SMIT, SMU, Gangtok, Sikkim, India; CMRIT, Bangalore, Karnataka, India	Conference Paper
Sapkota B.P., Das S.K., Mukherjee V., Kabi S.	Investigati	2022	Lecture Notes in Electrical Engineering	776			69	73	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, Rangpo, East Sikkim, Sikkim, 737136, India	Conference Paper
Chatterjee S., Banerjee R.	Impact of E	2022	Lecture Notes in Electrical Engineering	776			115	123	EEE Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India; EE Department, NIT Silchar, Silchar, India	Conference Paper
Islam H., Bose T., Das S.	A Reconfig	2022	Lecture Notes in Electrical Engineering	776			195	202	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Sharma R., Ch Gogoi K., Chatterjee S.	Automatic	2022	Lecture Notes in Electrical Engineering	776			467	478	EEE Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, 737136, India	Conference Paper
Ray J.K., Sil S., Bera R., Biswas P., Biswas A.S., Alfred Q.M.	Millimeter	2022	Lecture Notes in Networks and Systems	292			606	614	Sikkim Manipal Institute of Technology, Rangpo, Sikkim, India; A.K. Choudhury School of Information Technology, University of Calcutta, Kolkata, India; IIEST Shibpur, Howrah, India; Aliah University, Kolkata, India	Conference Paper
Banerjee P.	MODIS-FIR	2022	Natural Hazards	110	2		899	935	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India	Article
Chakraborty S., Verma P., Paudel B., Shukla A., Das S.	Validation	2022	IEEE Geoscience and Remote Sensing Letters	19					Electronics and Communication Engineering Department, Sikkim Manipal Institute of Technology, Gangtok, India; Space Applications Centre, Indian Space Research Organization, Ahmedabad, India; Department of Astronomy, Astrophysics and Space Engineering, IIT Indore, Indore, India	Article

Das S., Chattopadhyay A., Tewari S.	Asymmetri	2022	IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)	39	2	316	327	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Institute of Radio Physics and Electronics, University of Calcutta, 92 Acharya Prafulla Chandra Road, Kolkata, 700009, India	Article
Das S., Guha S., Ghadai R., Sharma A., Chatterjee S.	Morpholog	2022	Silicon	14	1	183	199	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo-East Sikkim, Majitar, 737136, India; School of Mechanical Engineering, KIIT University, Odisha, Bhubaneswar, 751024, India	Article
Ghose D., Pradhan S., Shabbiruddin	Developme	2022	International Journal of Ambient Energy	43	1	1157	1166	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Article
Bhutia J.L., Upreti B., Bhutia E.J., Kar S., Zaman F.A.	Adverse Ev	2021	Indian Journal of Community Health	33	4	603	607	PG-Tutor, Department of Community Medicine, Sikkim Manipal Institute of Medical Sciences, Gangtok, India; Department of Community Medicine, Sikkim Manipal Institute of Medical Sciences, Gangtok, India; PG-Tutor, Department of Community Medicine, Sikkim Manipal Institute of Medical Sciences, Gangtok, India; Department of Community Medicine, Sikkim Manipal Institute of Medical Sciences, Gangtok, India; Department of Community and Family Medicine, All India Institute of Medical Sciences, Guwahati, India	Article
Islam H., Das S., Bose T., Dhar S.	High effici	2021	International Journal of Microwave and Wireless Technologies	13	10	1103	1108	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo Sikkim, Majitar, 737136, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo Sikkim, Majitar, 737136, India	Article
Kumar R., Sinha R., Sharma P.K., Ivy N., Kumar P., Kant N., Jha A., Jha P.K., Gupta P.K., Sharma P., Singh R.K., Singh R.P., Ghosh A., Vara Prasad P.V.	Bioaccumu	2021	Processes	9	12	2154		School of Ecology and Environment Studies, Nalanda University, Bihar, Rajgir, 803116, India; Aryabhata Centre for Nanoscience & Nanotechnology, Aryabhata Knowledge University, Bihar, Patna, 800001, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim, Rangpo, 737136, India; Department of Environmental Science and Engineering, Indian Institute of Technology, Indian School of Mines, Jharkhand, Dhanbad, 826004, India; Department of Biotechnology, School of Health and Allied Science, Arka Jain University, Jharkhand, Jamshedpur, 831001, India; Kalinga Institute of Industrial Technology, School of Biotechnology, Odisha, Bhubaneswar, 751024, India; Sustainable Intensification Innovation Lab, Department of Agronomy, Kansas State University, Manhattan, KS 66506, United States; Faculty of Environment, University of Waterloo, Waterloo, ON N2L 3G1, Canada; Institute of Environment and Sustainable Development, Banaras Hindu University, Uttar Pradesh, Varanasi, 221005, India; Mahavir Cancer Sansthan and Research Centre, Phulwarisharif, Bihar, Patna, 801505, India; Bihar Pollution Control Board, Bihar, Patna, 800010, India	Review

Hazarika R.A., Abraham A., Sur S.N., Maji A.K., Kandar D.	Correction	2021	International Journal of Multimedia Information Retrieval	10	4	255		Department of Information Technology, North Eastern Hill University, Shillong, Meghalaya 793022, India; Machine Intelligence Research Labs (MIR Labs) Scientific Network for Innovation and Research Excellence Auburn, Washington, 98071, United States; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India	Erratum
Cotrina Sánchez A., Bandopadhyay S., Rojas Briceño N.B., Banerjee P., Torres Guzmán C., Oliva M.	Peruvian A	2021	Journal for Nature Conservation	64		126081		Instituto de Investigación para el Desarrollo Sustentable de Ceja de Selva (INDES-CES), Universidad Nacional Toribio Rodríguez de Mendoza de Amazonas, Chachapoyas, 01001, Peru; Laboratory of Bioclimatology, Department of Ecology and Environmental Protection, Faculty of Environmental and Mechanical Engineering, Poznan University of Life Sciences, Poznan, 60-649, Poland; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Majitar, Sikkim 737136, India	Article
Rai S., Bhujel R., Biswas J., Swain B.P.	An eco-frie	2021	Journal of Materials Science: Materials in Electronics	32	23	27937	27949	Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majhitar, 737136, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majhitar, 737136, India; Department of Physics, National Institute of Technology, Manipur, Langol, Manipur 795004, India	Article
Sharma K., Deka U.	Compreher	2021	Brazilian Journal of Physics	51	6	1944	1955	Department of Physics, Sikkim Govt. Science College, Chakung, Sikkim 737121, India; Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India	Review
Das P.P., Chakraborty S.	Adaptive N	2021	Journal of The Institution of Engineers (India): Series E	102	2	257	272	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, India	Article
Hazarika R.A., Abraham A., Sur S.N., Maji A.K., Kandar D.	Different te	2021	International Journal of Multimedia Information Retrieval	10	4	199	218	Department of Information Technology, North Eastern Hill University, Shillong, Meghalaya 793022, India; Machine Intelligence Research Labs (MIR Labs) Scientific Network for Innovation and Research Excellence, Auburn, WA 98071, United States; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India	Review
Roy R., Sarkar S., Dhar S.	Design and	2021	Journal of Supercomputing	77	12	13601	13628	Department of ECE, Sikkim Manipal University, Sikkim, India	Article
Rai S., Bhujel R., Biswas J., Swain B.P.	Biocompat	2021	Bulletin of Materials Science	44	1	40		Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, East Sikkim, 737136, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, East Sikkim, 737136, India; Department of Physics, National Institute of Technology Manipur, Langol, Manipur 795004, India	Article
Paul N., Mondal K.K., Ali R., Chatterjee P.	Analytical s	2021	Indian Journal of Physics	95	12	2855	2863	Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, 731235, India; Department of Mathematics, Cooch Behar Panchanan Barma University, Cooch Behar, 736101, India; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim, 737136, India	Article

Ghadai R.K., Das S., Kalita K., Swain B.P., Davim J.P.	Structural	2021	Silicon	13	12	4453	4462	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim 737136, India; Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, 600062, India; Department of Physics, National Institute of Technology, Manipur, 795004, India; Department of Mechanical Engineering, University of Aveiro, Campus Santiago, 3810 193, Portugal	Article
Ojha K., Soohinda G., Sampath H., Dutta S.	Social netw	2021	Indian Journal of Psychiatry	63	6	593	596	Sikkim Manipal Institute of Medical Sciences, Sikkim, Gangtok, India; Department of Psychiatry, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Sikkim, Gangtok, India	Article
Rai A., Chettri M., Dewan S., Khandelwal B., Chettri B.	Epidemiol	2021	PLoS Neglected Tropical Diseases	15	11	e0009800		Department of Zoology, School of Life Sciences, Sikkim University, Tadong, Gangtok, East Sikkim, India; Department of General Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, East Sikkim, India	Article
Dutta D., Bhattacharyya N.K., Biswas J.	A review o	2021	Indian Journal of Chemistry - Section B Organic and Medicinal Chemistry	60B	11	1478	1489	CSIR-North East Institute of Science and Technology, Jorhat, 785 006, India; Sikkim Manipal Institute of Technology (Sikkim Manipal University), Rangpo (Sikkim) Majitar 737 136, India	Review
Kumar K., Sayal V.K., Mishra M.K.	Bright and	2021	Physics of Plasmas	28	11	112104		Department of Physics, University of Rajasthan, Jaipur, 302004, India; Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University Majitar Rangpo, Sikkim, 737136, India	Article
Lalchhanhima R., Saha G., Sur S.N., Kandar D.	Water bod	2021	Microprocessors and Microsystems	87		104360		Department of Information Technology, North Eastern Hill University, Shillong, Meghalaya, 793022, India; Department of Information Technology, Mizoram University, Aizawl, Mizoram, 796004, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, 737136, India	Article

Basu P., Malvi S.G., Joshi S., Bhatla N., Muwonge R., Lucas E., Verma Y., Esmay P.O., Poli U.R.R., Shah A., Zomawia E., Pimple S., Jayant K., Hingmire S., Chiwate A., Divate U., Vashist S., Mishra G., Jadhav R., Siddiqi M., Sankaran S., Prabhu P.R., Kannan T.P.R.A., Varghese R., Shastri S.S., Anantharaman D., Gheit T., Tommasino M., Sauvaget C., Pillai M.R., Sankaranarayanan R.	Vaccine eff	2021	The Lancet Oncology	22	11	1518	1529	Early Detection, Prevention and Infections Branch, International Agency for Research on Cancer, Lyon, France; Tata Memorial Centre Rural Cancer Project, Nargis Dutt Memorial Cancer Hospital, Barshi District SolapurMaharashtra, India; Jehangir Clinical Development Centre, Jehangir Hospital Premises, Pune, India; Department of Obstetrics and Gynaecology, All India Institute of Medical Sciences, New Delhi, India; Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim, India; Christian Fellowship Community Health Centre, Ambillikai, Dindigul District, Tamil Nadu, India; Public Health Foundation of India, IIPH-Hyderabad, Hyderabad, India; Department of Community Oncology, Gujarat Cancer and Research Institute, M P Shah Cancer Hospital, Civil Hospital Campus, Asarwa, Ahmedabad, India; Civil Hospital, Aizawl, Mizoram, India; Department of Preventive Oncology, Centre for Cancer Epidemiology, Tata Memorial Centre, Homi Bhabha National Institute, Parel, Mumbai, India; Cancer Foundation of India, Kolkata, West Bengal, India; Rajiv Gandhi Centre for Biotechnology, Poojappura, Thiruvananthapuram, Kerala, India; Human Biology Division, Fred Hutchinson Cancer Research Centre, Seattle, WA, United States; Department of Health Disparities Research, Division of Cancer Prevention and Population Sciences, University of Texas MD Anderson Cancer Center, Houston, TX, United States; Research Triangle Institute International India, New Delhi, India	Article
Padhi D.K., Padhy N., Bhoi A.K., Shafi J., Ijaz M.F.	A fusion fra	2021	Mathematics	9	21	2646		Department of Computer Science and Engineering, School of Engineering and Technology, GIET University, Gunupur, Odisha, 765022, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, 737136, India; Department of Computer Science, College of Arts and Science, Wadi Ad-Dwasir Prince Sattam bin Abdul Aziz University, Alkharj, 11991, Saudi Arabia; Department of Intelligent Mechatronics Engineering, Sejong University, Seoul, 05006, South Korea	Article
Xhibo F., Biswas J., Datta B.	Theoretical	2021	Research on Chemical Intermediates	47	11	4657	4672	Department of Chemistry, Faculty of Arts & Science, Yildiz Technical University, Davutpasa Campus, Davutpasa Cad.Esenler, Istanbul, 34220, Turkey; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, East Sikkim 737136, India; Department of Chemistry, Amity Institute of Applied Science, Amity University, Kolkata, 700156, India	Article
Rai A.D., Sherpa M.L., Singh A., Thejaswi S.G., Bhutia R.D.	Bone alkali	2021	Journal of Mid-Life Health	12	4	304	309	Department of Biochemistry, Stnm Hospital, Sikkim, Gangtok, India; Department of Biochemistry, Sikkim Manipal Institute of Medical Sciences, Sikkim, Gangtok, India; Department of Orthopaedics, Sikkim Manipal Institute of Medical Sciences, Sikkim, Gangtok, India	Article
Dutta D., Bordoloi M.J., Bhattacharyya N.K.	Genus potf	2021	Rasayan Journal of Chemistry	14	4	2161	2170	Chemical Sciences and Technology Division, CSIR-North East Institute of Science and Technology, Jorhat-, (Assam), 785007, India; Department of Chemistry, Sikkim Manipal University (Sikkim Manipal Institute of Technology), 737136, Majitar, Rangpo, (Sikkim), India	Review

Srinivasu P.N., Bhoi A.K., Jhaveri R.H., Reddy G.T., Bilal M.	Probabilist	2021	Journal of Real-Time Image Processing	18	5	1773	1785	Computer Science and Engineering, GITAM Institute of Technology, GITAM Deemed to be University, Visakhapatnam, 530045, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India; Department of Computer Science and Engineering, PanditDeendayal Petroleum University, Gandhinagar, India; School of Information Technology and Engineering, Vellore Institute of Technology, Vellore, Tamil Nadu, India; Department of Computer Engineering, Hankuk University of Foreign Studies, Yongin-si, 17035, South Korea	Conference Paper
Fei E.T.L., Biswas J., Datta B., Kumar D.	Computati	2021	Structural Chemistry	32	5	1973	1984	School of Chemistry and Chemical Engineering, Queen's University Belfast, University Road, Belfast, BT7 1NN, United Kingdom; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East, Majitar, Sikkim 737136, India; Department of Chemistry, Amity Institute of Applied Science, Amity University, Kolkata, 700156, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East, Majitar, Sikkim 737136, India	Article
Biswal S., Swain S.D., Patidar R.D., Bhoi A.K., Malik O.P.	Integrated	2021	Arabian Journal for Science and Engineering	46	10	9363	9376	Department of Electrical Engineering, O P Jindal University, Raigarh, CG 496109, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India; Department of Electrical and Computer Engineering, University of Calgary, Calgary, AB T2N 1N4, Canada	Article
Jha S., Dey N.	Differentia	2021	ChemistrySelect	6	34	9211	9216	Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; Department of Chemistry, Birla Institute of Technology and Sciences-Pilani Hyderabad Campus Shameerpet, Hyderabad, 500078, Telangana, India	Article
Protim Das P., Das S., Kumar Mahto P., Kumar D., Kumar Roy M.	ANFIS-base	2021	Journal of Multiscale Modelling	12	3	2150007		Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, India	Article
Joshi M., Ghadai R.K., Madhu S., Kalita K., Gao X.-Z.	Compariso	2021	Materials	14	17	5109		Department of Applied Science and Humanities, MPSTME SVKM'S Narsee Monjee Institute of Management Studies, Shirpur, 425 405, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, 737 136, India; Department of Automobile Engineering, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai, 602 105, India; Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, 600 062, India; School of Computing, University of Eastern Finland, Kuopio, FI-70210, Finland	Article

Bhoi P.B., Wali V.S., Swain D.K., Sharma K., Bhoi A.K., Bacco M., Barsocchi P.	Input use e	2021	Agriculture (Switzerland)	11	9	837		Department of Economics and Sociology, Punjab Agricultural University, Ludhiana, Punjab, 141004, India; Indian Institute of Millets Research, Hyderabad, Telangana, 500030, India; Department of Agricultural Statistics, Faculty of Agricultural Sciences, Siksha 'O' Anusandhan University, Bhubaneswar, Odisha, 751003, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, 737136, India; Institute of Information Science and Technologies, National Research Council, Pisa, 56124, Italy	Article	
Dutta D., Bordoloi M.J., Bhattacharyya N.K.	Antimicrob	2021	Egyptian Journal of Chemistry	64	9		4803	4807	Chemical Science and Technology Division, CSIR-North East Institute of Science & Technology, Assam, Jorhat, 785006, India; Department of Chemistry, Sikkim Manipal University, Sikkim Manipal Institute of Technology, Sikkim, Majitar, 737136, India	Article
Dutta D., Bordoloi M.J., Bhattacharyya N.K.	Chemical c	2021	Egyptian Journal of Chemistry	64	9		4815	4819	Chemical Science and Technology Division, CSIR-North East Institute of Science & Technology, Assam, Jorhat, 785006, India; Department of Chemistry, Sikkim Manipal University, Sikkim Manipal Institute of Technology, Sikkim, Majitar, 737136, India	Article
Atteya A., El-Borie M.A., Roston G.D., El-Helbawy A.-A.S., Prasad P.K., Saha A.	Ion-acousti	2021	Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences	76	9		757	768	Department of Physics, Faculty of Science, Alexandria University, Alexandria, Egypt; Department of Basic and Applied Sciences, Faculty of Engineering, Arab Academy for Science, Technology and Maritime Transport, Alexandria, Egypt; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar East-Sikkim, Rangpo, 737136, India	Article
Abdikian A., Tamang J., Saha A.	Supernonli	2021	Physica Scripta	96	9	95605			Department of Physics, Malayer University, Malayer, 65719-95863, Iran; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, East-Sikkim, Rangpo, 737136, India	Article
Tamang J.S., Dhar R.S., Bhoi A.K., Singh A.K., Chatterjee S.	Bio-sensing	2021	Sadhana - Academy Proceedings in Engineering Sciences	46	3	120			Department of Electronics and Communication Engineering, National Institute of Technology, Chatlang, Aizwal, Mizoram 796 012, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Majitar, Sikkim 737 136, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Majitar, Sikkim 737 136, India; Centre for Material Science and Nano Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737 136, India	Article
Kar C., Banerjee S.	Intensity p	2021	Computers and Geosciences	154			104798		Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology Sikkim, India; Department of Natural Science, Maulana Abul Kalam Azad University of Technology, Kolkata, India	Article
Sengupta A., Das D.K.	Mitigating	2021	Sustainable Energy, Grids and Networks	27			100484		Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, India; Department of Electrical and Electronics Engineering, National Institute of Technology Nagaland, India	Article

Das P.P., Chakraborty S.	Applicator	2021	Process Integration and Optimization for Sustainability	5	3	645	661	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India	Article	
Kabi S., Chattopadhyay S., Das S.K.	Theoretica	2021	AIP Conference Proceedings	2352		40007		Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitara, Rangpo, East Sikkim, Sikkim, 737136, India; Department of Physics, School of Basic Sciences, Manipal University Jaipur, Rajasthan, Jaipur, 303007, India	Conference Paper	
Dutta R., Paitya N., Rahaman M., Guha A., Kumari P.	Impact of f	2021	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021				333	338	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737 136, India; Surendra Institute of Engineering Management, Maulana Abul Kalam Azad University of Technology, West Bengal, Siliguri, 734 002, India	Conference Paper
Anya B., Ghosh T.	A Study on	2021	IOP Conference Series: Earth and Environmental Science	796	1	12049			Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Conference Paper
Kiroung Sherpa U., Bomzon U., Sarkar S.	A Case Stud	2021	IOP Conference Series: Earth and Environmental Science	796	1	12053			Sikkim Manipal Institute of Technology, Majhitara, East Sikkim, 737132, India	Conference Paper
Bomzon U., Sherpa U.K., Sarkar S., Chettri S., Jyoti Das D., Sushib R.	Determina	2021	IOP Conference Series: Earth and Environmental Science	796	1	12025			Sikkim Manipal Institute of Technology, Majhitara, Sikkim, 737136, India	Conference Paper
Dutta D., Bordoloi M.J., Bhattacharyya N.K.	The valuab	2021	Tropical Journal of Natural Product Research	5	8	1323	1332		Chemical Science and Technology Division, CSIR-North East Institute of Science & Technology, Jorhat, Assam, 785006, India; Department of Chemistry, Sikkim Manipal University (Sikkim Manipal Institute of Technology), Majitar, Sikkim, 737136, India	Article
Bhutia K.L., Bhutia S.C., Gupta N., Shenga D.O.	Prevalence	2021	Indian Journal of Ophthalmology	69	8	2018	2020		Department of Ophthalmology, STNM Hospital, Sikkim, Gangtok, India; Department of Biochemistry, Sikkim Manipal Institute of Medical Sciences, Sikkim, Gangtok, India; Sikkim Manipal Institute of Medical Sciences, Sikkim, Gangtok, India	Article
Paul N., Ali R., Mondal K.K., Chatterjee P.	Ion-Neutra	2021	International Journal of Applied and Computational Mathematics	7	4	172			Department of Mathematics, Siksha Bhavana, Visva-Bharati, Santiniketan, 731235, India; Department of Mathematics, Sikkim Manipal Institute of Technology, Majitar, Rangpo, East Sikkim, 737136, India; Department of Mathematics, Cooch Behar Panchanan Barma University, Cooch Behar, 736101, India	Article
Shivakoti I., Kalita K., Kibria G., Sharma A., Pradhan B.B., Ghadai R.K.	Parametric	2021	Journal of the Brazilian Society of Mechanical Sciences and Engineering	43	8	400			Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitara, East Sikkim, India; Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, India; Department of Mechanical Engineering, Aliah University, Kolkata, India	Article
Chettri L., Bera R., Baruah J.K.	Performan	2021	Journal of Communications	16	8	355	362		5G IoT Lab, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, 737101, India	Article
Satapathy S.K., Bhoi A.K., Loganathan D., Khandelwal B., Barsocchi P.	Machine le	2021	Biomedical Signal Processing and Control	69		102898			Department of Computer Science Engineering, Pondicherry Engineering College, Puducherry, 605014, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Department of General Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim 737102, India; Institute of Information Science and Technologies, National Research Council, Pisa, 56124, Italy	Article
Diyaley S., Chakraborty S.	Teaching-le	2021	Soft Computing	25	15	10287	10307		Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, India	Article

Bist A., Chatterjee S.	Review on	2021	Energy Technology	9	8	2001058		Centre for Material Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Division of Nano Science & Technology, Department of Water & Health, JSS Academy of Higher Education and Research, Karnataka, 570015, India	Review	
Saha A., Banerjee S.	Comment	2021	Brazilian Journal of Physics	51	4		1127	1128	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East-Sikkim 737136, Majitar, Rangpo, India; Department of Mathematical Sciences, "Giuseppe Luigi Lagrange" Politecnico di Torino, Corso Duca degli Abruzzi 24, Torino, Italy	Note
Sur S.N., Bera R.	Intelligent	2021	Physical Communication	47		101386			Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim, 737136, India	Review
Boonhok R., Sangkanu S., Norouzi R., Siyadatpanah A., Mirzaei F., Mitsuwan W., Charong N., Wisessombat S., Pereira M.D.L., Rahmatullah M., Wilairatana P., Wiart C., Tabo H.A., Dolma K.G., Nissapatorn V.	Amoebicid	2021	Parasitology	148	9		1074	1082	Department of Medical Technology, School of Allied Health Sciences, Walailak University, Nakhon Si Thammarat, 80160, Thailand; School of Allied Health Sciences, Southeast Asia Water Team (SEA Water Team) and World Union for Herbal Drug Discovery (WUHeDD), Research Excellence Center for Innovation and Health Products, Walailak University, Nakhon Si Thammarat, 80160, Thailand; Department of Pathobiology, Faculty of Veterinary Medicine, University of Tabriz, Tabriz, 51664, Iran; Ferdows School of Paramedical and Health, Birjand University of Medical Sciences, Birjand, 9717853577, Iran; Department Parasitology and Mycology, School of Medicine, Shahid Sadoughi University of Medical Sciences, Yazd, 14188-15971, Iran; Akhrraratchakumari Veterinary College, And Research Center of Excellence in Innovation of Essential Oil, Walailak University, Nakhon Si Thammarat, 80160, Thailand; Department of Medical Sciences, CICECO-Aveiro Institute of Materials, University of Aveiro, Aveiro, 3810 - 193, Portugal; Department of Biotechnology and Genetic Engineering, University of Development Alternative Lalmatia, Dhaka, 1209, Bangladesh; Department of Clinical Tropical Medicine, Faculty of Tropical Medicine, Mahidol University, Bangkok, 10400, Thailand; School of Pharmacy, University of Nottingham Malaysia Campus, Selangor, 43500, Malaysia; Biological Sciences Department, College of Science and Computer Studies, De la Salle University-Dasmariñas, Cavite, 4115, Philippines; Department of Microbiology, Sikkim Manipal Institute of Medical Sciences (SMIMS), Gangtok, Sikkim, 737102, India	Article
Joseph S.J., Bhandari S.S.	Dealing wit	2021	International Journal of Social Psychiatry	67	5		601	603	Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University (SMU), Gangtok, Sikkim, India	Letter
Phukan P., Samra K., Lynser D., Sharma B.K., Boruah D.K., Saikia B., Singh B.K.	Endovascul	2021	Acta Medica Lituonica	28	2		249	261	Department of Radiology & Imaging, North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences, Meghalaya, India; Department of Neuroimaging & Interventional Neuroradiology, All India Institute of Medical Science, New Delhi, India; Department of Radiodiagnosis, Sikkim Manipal Institute of Medical Sciences, Sikkim, India; Department of Radiodiagnosis, Tezpur Medical College, Assam, India; Department of Anatomy, North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences, Meghalaya, India; Department of Neurosurgery, North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences, Meghalaya, India	Article

Kandar D., Sur S.N., Singh A.K., Nandi S.	Performan	2021	International Journal of Communication Systems	34	11	e4853		Department of Information Technology, North-Eastern Hill University, Shillong, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India; Department of Computer Science, Indian Institute of Technology, Guwahati, Guwahati, India	Article	
Patel K., Saroj R., Kumar M.	Prevalence	2021	Indian Journal of Community Medicine	46	3		434	437	Department of Population Policies and Programmes, International Institute for Population Sciences, Mumbai, India; Department of Community Medicine, Sikkim Manipal Institute of Medical Sciences, Uttar Pradesh, Gangtok, India; Department of Statistics, MMV, Banaras Hindu University, Uttar Pradesh, Varanasi, India	Article
Sharma A., Mohanty S., Islam M.R.	An Experim	2021	2021 8th International Conference on Smart Computing and Communications: Artificial Intelligence, AI Driven Applications for a Smart World, ICSCC 2021				178	182	Sikkim Manipal University, Sikkim Manipal Institute of Technology, Department of Computer Science and Engineering, Sikkim, India	Conference Paper
Saalai K., Mohanty A.	The effect	2021	International Journal of Mycobacteriology	10	3		268	270	Department of Respiratory Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Sikkim, Gangtok, India; Department of Pulmonary Medicine, Ispat General Hospital, Odisha, Rourkela, India; Department of Respiratory Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim, 737102, India	Article
Jadav N., Dutta N., Sarma H.K.D., Pricop E., Tanwar S.	A Machine	2021	Proceedings of the 13th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2021						Marwadi University, Dept. of Computer Engineering, Rajkot, India; Sikkim Manipal Inst. of Technology, Dept. of Information Technology, Majitar, India; Petroleum-Gas University of Ploiesti, Automatic Control, Comp and Elect. Dept, Ploiesti, Romania; Nirma University, Dept. of Computer Science and Eng., Ahmedabad, India	Conference Paper
Boonhok R., Sangkanu S., Chuprom J., Srisuphanunt M., Norouzi R., Siyadatpanah A., Mirzaei F., Mitsuwan W., Wisessombat S., Pereira M.L., Rahmatullah M., Wilairatana P., Wiart C., Ling L.C., Dolma K.G., Nissapatorn V.	Peganum h	2021	Pathogens	10	7	842			Sciences, Walailak University, Nakhon Si Thammarat, 80160, Thailand; Research Excellence Center for Innovation and Health Products (RECIHP), School of Allied Health Sciences, Southeast Asia Water Team (SEA Water Team) and World Union for Herbal Drug Discovery (WUHeDD), Walailak University, Nakhon Si Thammarat, 80160, Thailand; Department of Pathobiology, Faculty of Veterinary Medicine, University of Tabriz, Tabriz, 5166616471, Iran; Ferdows School of Paramedical and Health, Birjand University of Medical Sciences, Birjand, 9717853577, Iran; Department Parasitology and Mycology, School of Medicine, Shahid Sadoughi University of Medical Sciences, Yazd, 14188-15971, Iran; Akhrraratchakumari Veterinary College and Research Center of Excellence in Innovation of Essential Oil, Walailak University, Nakhon Si Thammarat, 80160, Thailand; CICECO-Aveiro Institute of Materials and Department of Medical Sciences, University of Aveiro, Aveiro, 3810-193, Portugal; Department of Biotechnology and Genetic Engineering, University of Development Alternative, Lalmatia, Dhaka, 1209, Bangladesh; Department of Clinical Tropical Medicine, Faculty of Tropical Medicine, Mahidol University, Bangkok, 10400, Thailand; School of Pharmacy, University of Nottingham Malaysia Campus, Selangor, 43500, Malaysia; Division of Applied Biomedical Science and Biotechnology, School of Health Sciences, International Medical University, Kuala Lumpur, 57000, Malaysia; Department of Microbiology, Sikkim Manipal Institute of Medical Sciences (SMIMS), Sikkim, 737102, India	Article

Saha A., Banerjee S.	Comment	2021	Physical Review E	104	1	17201			Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, East-Sikkim, Rangpo, 737136, India; Department of Mathematical Sciences, Politecnico di Torino, Corso Duca degli Abruzzi 24, Turin, Italy	Article
Mohapatra S.K., Mishra S., Tripathy H.K., Bhoi A.K., Barsocchi P.	A pragmati	2021	Energies	14	13	3900			Kalinga Institute of Industrial Technology, School of Computer Engineering, Bhubaneswar, 751024, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, 737136, India; Institute of Information Science and Technologies, National Research Council, Pisa, 56124, Italy	Review
Singh A.K., Kumar A., Sur S.N., Bera R., Maji B.	Design and	2021	Frequenz	75	07-Aug		267	273	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Department of Electronics and Communication Engineering, JECRC University, Jaipur, Rajasthan, Jaipur, 303905, India; Department of Electronics and Communication Engineering, National Institute of Technology, West Bengal, Durgapur, 713209, India	Article
Saha S.K., Adhikary A., Jha A., Mehta V.K.	Using food	2021	International Journal of Reliable and Quality E-Healthcare	10	3		16	31	Sikkim Manipal Institute of Technology, Sikkim Manipal University, India; Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, India	Article
Chakraborty S., Rana T.K., Das S.	Troposphe	2021	IEEE Antennas and Wireless Propagation Letters	20	7	9426429	1288	1291	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India; Institute of Engineering and Management, Calcutta, India; Discipline of Astronomy, Astrophysics Space Engineering, Indian Institute of Technology, Indore, India	Article
Ghatani Y., Roshan T., Maity S.	Unsteady t	2021	European Physical Journal: Special Topics	230	5		1331	1343	Department of Mathematics, Sikkim Manipal Institute of Technology, Majitar, Rangpo, East Sikkim 737136, India; Department of Mathematics, Sikkim University, 6th Mile, Tadong, Samdur, Gangtok, East Sikkim 737102, India; Department of Mathematics, Manipur University, Canchipur, Imphal, Manipur 795003, India; Department of Basic and Applied Science, National Institute of Technology, Yupia, Papumpare, Arunachal Pradesh 791112, India	Article
Pradhan B., Saha A., Natiq H.	Multistabil	2021	European Physical Journal: Special Topics	230	5		1503	1515	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim 737136, India; Information Technology Collage, Imam Ja'afar Al-Sadiq University, Baghdad, Iraq	Article
Yan B., Mukherjee S., Saha A.	Exploring n	2021	European Physical Journal: Special Topics	230	5		1517	1523	Department of Information Engineering, Shaoyang University, Shaoyang, 422000, China; Department of Mathematics, Sivanath Sastri College, Kolkata, West Bengal 700029, India; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, East, Rangpo, Sikkim 737136, India	Article
Ghadai R.K., Kalita K.	Accurate e	2021	International Journal of Materials Research	111	6		453	462	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R and D Institute of Science and Technology, Avadi, Chennai, India	Article
Basnet P., Samanta D., Chanu T.J., Chatterjee S.	Visible ligh	2021	Journal of Alloys and Compounds	867		158870			Centre for Material Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University Sikkim, India; Department of Chemistry, Nar Bahadur Bhandari Degree College, Gangtok, Sikkim, India	Article

Chakraborty S., Chakraborty M., Das S.	Second ord	2021	Advances in Space Research	67	12	4043	4053	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo, 737136, India; JIS College of Engineering, Kalyani, Nadia, 741235, India; Discipline of Astronomy, Astrophysics and Space Engineering, Indian Institute of Technology, Khandwa Road, Simrol, Indore, 453552, India	Article	
Sharma N., Devi B., Sharma M.	Impressive	2021	Human Milk: Nutritional Content and Role in Health and Disease				1	68	Microbiology Research Laboratory, Department of Basic Sciences, Dr. YS Parmar University of Horticulture and Forestry, Nauni, Solan, H.P., India; Sikkim Manipal Institute of Medical Sciences, Gangtok, Sikkim, India	Book Chapter
Sharma K., Thapa G.	Analysis an	2021	Forest and Society	5	2		261	276	Sikkim Manipal Institute of Technology, India	Review
Srinivasu P.N., Bhoi A.K., Nayak S.R., Bhutta M.R., Woźniak M.	Blockchain	2021	Electronics (Switzerland)	10	12	1437			Department of Computer Science and Engineering, Gitam Institute of Technology, GITAM Deemed to be University, Rushikonda, Visakhapatnam, 530045, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, 737136, India; Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida, 201301, India; Department of Computer Science and Engineering, Sejong University, Seoul, 05006, South Korea; Faculty of Applied Mathematics, Silesian University of Technology, Gliwice, 44-100, Poland	Article
Roy C., Das D.K.	A hybrid ge	2021	Sadhana - Academy Proceedings in Engineering Sciences	46	2	101			Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India; Department of Electrical and Electronics Engineering, National Institute of Technology Nagaland, Dimapur, India	Article
Rai S., Bhujel R., Khadka M., Chetry R.L., Swain B.P., Biswas J.	Synthesis,	2021	Materials Today Chemistry	20				100472	Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, East Sikkim 737136, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, East Sikkim 737136, India; Department of Physics, National Institute of Technology, Manipur, Langol, Manipur 795004, India	Article
Bhujel R., Rai S., Deka U., Sarkar G., Biswas J., Swain B.P.	Bandgap e	2021	Bulletin of Materials Science	44	2	72			Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo, 737136, India; Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo, 737136, India; University Science Instrumentation Centre, University of North Bengal, Darjeeling, 734013, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo, 737136, India; Department of Physics, National Institute of Technology, Imphal, 795004, India	Article
Biswal S., Tajdinian M., Adly A.R., Patidar R.D., Bhoi A.K., Rathore N.S.	Kullback-Le	2021	IET Generation, Transmission and Distribution	15	12		1808	1819	Department of Electrical Engineering, O P Jindal University, Raigarh, Chhattisgarh, India; Department of Electrical and Computer Engineering, Shiraz University, Shiraz, Iran; Nuclear Research Center, Atomic Energy Authority, Egypt; Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University Sikkim, India; Department of Electrical & Electronics Engineering, KIET Group of Institutions, Delhi-NCR, Ghaziabad, India	Article

Chakraborty S., Chakraborty M., Das S.	Experiment	2021	IEEE Antennas and Propagation Magazine	63	3	9045931	52	62	Sikkim Manipal Institute of Technology-Majitar, Rangpo, Sikkim, India; Jis College of Engineering, Kalyani, West Bengal, India; Discipline of Astronomy, Astrophysics and Space Engineering, IIT Indore, Indore, India	Review
Sur S.N., Singh A.K., Kandar D., Bera R.	Sum-Rate	2021	Journal of Physics: Conference Series	1921	1	12050			Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, East Sikkim, Rangpo, 737136, India; Department of Information Technology, North-Eastern Hill University, Shillong, India	Conference Paper
Saha L., Tripathy H.K., Nayak S.R., Bhoi A.K., Barsocchi P.	Amalgama	2021	Sustainability (Switzerland)	13	9	5279			School of Computer Engineering, Kalinga Institute of Industrial Technology, Bhubaneswar, Odisha, 751024, India; Amity School of Engineering and Technology, Amity University, Uttar Pradesh, Noida, 201301, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, 737136, India; Institute of Information Science and Technologies, National Research Council, Pisa, 56124, Italy	Review
Kharka M., Singh P.	A study to	2021	Medical Journal of Dr. D.Y. Patil Vidyapeeth	14	3		318	326	Department of Physiotherapy, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim, India	Article
Dutta R., Subash T.D., Paitya N.	InAs/Si Het	2021	Silicon	13	5		1453	1459	Department of Electronics and Communication Engineering, Surendra Institute of Engineering & Management, Siliguri, West Bengal 734009, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Rangpo, Sikkim 737136, India; Department of Electrical and Electronics Engineering, Mangalam College of Engineering, Ettumanoor, Kerala 686631, India	Article
Srinivasu P.N., Sivasai J.G., Ijaz M.F., Bhoi A.K., Kim W., Kang J.J.	Classificati	2021	Sensors	21	8	2852			Department of Computer Science and Engineering, GITAM Institute of Technology, GITAM Deemed to be University, Rushikonda, Visakhapatnam, 530045, India; Tata Consultancy Services, Gachibowli, Hyderabad, 500019, India; Department of Intelligent Mechatronics Engineering, Sejong University, Seoul, 05006, South Korea; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, 737136, India; Division of Future Convergence (HCI Science Major), Dongduk Women's University, Seoul, 02748, South Korea; School of Science, Edith Cowan University, Joondalup, 6027, Australia	Article
Singh A., Jha A., Purbey S.	Identificati	2021	Hospital topics	99	2		64	74	Symbiosis Institute of Health Sciences, Pune, India; PhD Scholar, Department of Management Studies, Sikkim Manipal Institute of Technology, Sikkim Manipal University, MajitarSikkim, India; Department of Management Studies, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India; Development Management Institute, Patna, India	Article
Prasad P.K., Saha A.	Dynamical	2021	Journal of Astrophysics and Astronomy	42	1	9			Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, 737136, India	Article

Panigrahi R., Borah S., Bhoi A.K., Ijaz M.F., Pramanik M., Kumar Y., Jhaveri R.H.	A consolid	2021	Mathematics	9	7	751		Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, 737136, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, 737136, India; Department of Intelligent Mechatronics Engineering, Sejong University, Seoul, 05006, South Korea; Department of Computer Science and Engineering, Chandigarh Group of Colleges, Landran, Punjab, 140301, India; Department of Computer Science and Engineering, School of Technology, Pandit Deendayal Energy University, Gandhinagar, Gujarat, 382007, India	Article	
Kar C., Banerjee S.	Tropical cy	2021	Arabian Journal of Geosciences	14	8	683		Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; Department of Natural Science, Maulana Abul Kalam Azad University of Technology, Kolkata, India	Article	
Phukan P., Sarma K., Sharma B.K., Boruah D.K., Gogoi B.B., Chuunthang D.	MRI Spectr	2021	Journal of Neurosciences in Rural Practice	12	2	JNRP20810	281	289	Department of Radiodiagnosis, North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences, Shillong, Meghalaya, India; Department of Neuroradiology, All India Institute of Medical Sciences, New Delhi, India; Department of Radiodiagnosis, Sikkim Manipal Institute of Medical Sciences, Gangtok, Sikkim, India; Department of Radiodiagnosis, MRI Room, Tezpur Medical College, Sonitpur, Tezpur, Assam, 784010, India; Department of Pathology, Assam Medical College, Dibrugarh, Assam, India	Article
Islam H., Das S., Ali T., Kumar P., Dhar S., Bose T.	Split ring re	2021	Sensors	21	7	2256			Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Department of Electronics & Communication, Manipal institute of Technology, Manipal Academy of Higher Education, Manipal, Karnataka, 576104, India; Discipline of Electrical, Electronic and Computer Engineering, University of KwaZulu-Natal, Durban, 4041, South Africa	Article
Dutta R., Subash T.D., Paitya N.	DC perform	2021	Journal of Computational Electronics	20	2		855	863	Department of Electronics and Communication Engineering, Surendra Institute of Engineering and Management, Siliguri, West Bengal 734009, India; Department of Electrical and Electronics Engineering, Mangalam College of Engineering, Kottayam, Kerala 686631, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Rangpo, Sikkim 737136, India	Article
Tamang J., Saha A.	Phase plan	2021	Indian Journal of Physics	95	4		749	757	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, 737136, India	Article

Panigrahi R., Borah S., Bhoi A.K., Ijaz M.F., Pramanik M., Jhaveri R.H., Chowdhary C.L.	Performan	2021	Mathematics	9	6	690		Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar Sikkim, 737136, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar Sikkim, 737136, India; Department of Intelligent Mechatronics Engineering, Sejong University, Seoul, 05006, South Korea; Department of Computer Science and Engineering, School of Technology, Pandit Deendayal Energy University, Gandhinagar Gujarat, 382007, India; School of Information Technology & Engineering, Vellore Institute of Technology, Vellore Tamil Nadu, 632014, India	Review	
Saha A., Ali K.K., Rezazadeh H., Ghatani Y.	Analytical c	2021	Optical and Quantum Electronics	53	3	150		Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, 737136, India; Mathematics Department, Faculty of Science, Al-Azhar University, Nasr-City, Cairo, Egypt; Faculty of Engineering Technology, Amol University of Special Modern Technologies, Amol, Iran	Article	
Gupta S., Ghose T., Chatterjee K.	Optimal co	2021	International Transactions on Electrical Energy Systems	31	3	e12765		Department of Electrical Engineering, Indian Institute of Technology (Indian School of Mines) Dhanbad, Dhanbad, Jharkhand, India; Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Gangtok, Sikkim, India; Department of Electrical & Electronics Engineering, Birla Institute of Technology, Mesra, Ranchi, Jharkhand, India	Article	
Dutta R., Paitya N., Subash T.D.	Electric Fie	2021	Silicon	13	3	719	727	Department of Electronics and Communication Engineering, Surendra Institute of Engineering & Management, Kolkata, West Bengal 734009, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Gangtok, Sikkim 737136, India; Department of Electrical and Electronics Engineering, Mangalam College of Engineering, Thiruvananthapuram, Kerala 686631, India	Article	
Pradhan A., Yajnik A.	Probabilist	2021	ACM International Conference Proceeding Series				249	253	Sikkim Manipal Institute of Technology, India	Conference Paper
Ghadai R.K., Das S., Kalita K., Shivakoti I., Mondal S.C., Swain B.P.	Effect of ni	2021	Materials Chemistry and Physics	260		124082			Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University Sikkim 737136, India; Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, 600062, India; Department of Mechanical Engineering, Indian Institute of Engineering Science and Technology, Shibpur, 711103, India; Department of Physics, National Institute of Technology Manipur 795004, India	Article
Bhattacharyya N.K., Dutta D., Biswas J.	Aluminium	2021	Journal of the Indian Chemical Society	98	2	100024			Department of Chemistry, Sikkim Manipal Institute of Technology, Majitar, Sikkim 7371 36, India; North East Institute of Science and Technology - CSIR, Jorhat, Assam 785006, India	Article
Shivakoti I., Kibria G., Cep R., Pradhan B.B., Sharma A.	Laser surfa	2021	Coatings	11	2	124	1	15	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majhitar, 737136, India; Department of Mechanical Engineering, Aliah University, Kolkata, 700160, India; VSB-Technical University Ostrava, Faculty of Mechanical Engineering, 17. listopadu 2172/15, Ostrava, 708 00, Czech Republic	Review

Singh K.V.K., Pandey M.	An SDN-ba	2021	Wireless Networks	27	2	1413	1430	Department of Computer Applications, Sikkim Manipal Institute of Technology, Majitar, Rangpo, East Sikkim, 737136, India; CSED, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, UP, India	Article	
Mandi L., Natiq H., Chatterjee P., Ali R., Banerjee S.	In search o	2021	Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences	76	2	99	108	Department of Mathematics, Visva Bharati University, Santiniketan, 731235, India; Department of Mathematics, Gushkara Mahavidyalaya, Purba Bardhaman Santiniketan, 713128, India; Information Technology College, Imam ja' Afar Al-Sadiq University, Baghdad, Iraq; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar Rangpo East-Sikkim, 737136, India; Almunawarrah Dynamic Enterprise, Kajang, Malaysia	Article	
Sharma B., Thapa A., Sarkar A.	Ab-initio st	2021	Superlattices and Microstructures	150			106753	Dept. of Electronics & Communication Engg., SMIT, SMUSikkim, India; Dept. of Electrical & Computer Engg., McMaster University, Canada	Article	
Pradhan B., Mukherjee S., Saha A., Natiq H., Banerjee S.	Multistabil	2021	Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences	76	2	109	119	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East-Sikkim, 737136, India; Department of Mathematics, Sivanath Sastri College, West Bengal Kolkata, 700029, India; Information Technology College, Imam ja' Afar Al-Sadiq University, Baghdad, Iraq; Department of Mathematical Sciences, Giuseppe Luigi Lagrange Politecnico di Torino, Corso Duca degli Abruzzi 24, Turin, Italy; Almunawarrah Dynamic Enterprise, Kajang, 43000, Malaysia	Article	
Kumari R., Pandit M., Sherpa K.S.	Modelling	2021	Journal of The Institution of Engineers (India): Series B	102	1	99	109	Sikkim Manipal Institute of Technology, Sikkim, India; Sikkim Manipal University, Sikkim, India	Article	
Donbosco I.S., Chakraborty U.Kr.	Comparing	2021	Proceedings of the Confluence 2021: 11th International Conference on Cloud Computing, Data Science and Engineering			9377045	182	187	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India	Conference Paper
Jha B.K., Sherpa M.L., Dahal B.K., Singh J.K.	Prevalence	2021	Journal of Nepal Health Research Council	18	4	681	685	Department of Biochemistry, Janaki Medical College, Tribhuvan University, Nepal; Department of Biochemistry, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim, India; Department of Medicine, Janaki Medical College, Tribhuvan University, Nepal; Department of Community Medicine, Janaki Medical College, Tribhuvan University, Nepal	Article	
Das S., Guha S., Ghadai R., Swain B.P.	A compara	2021	Materials Chemistry and Physics	258		123866			Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo-East Sikkim, Majhitar, 737136, India; School of Mechanical Engineering, KIIT University, Bhubaneswar, 751024, India; Department of Physics, National Institute of Technology Manipur 795004, India	Article
Balani W., Sarvagya M., Ali T., Samsagkar A., Das S., Kumar P., Anguera J.	Design of s	2021	Applied Sciences (Switzerland)	11	2	711	1	21	School of Electronics and Communication Engineering, Reva University, Bangalore, 560064, India; Department of Electronics and Communication, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, Karnataka, 576104, India; MMRFC Technology Pvt Ltd., Bangalore, 560016, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737102, India; Discipline of Electrical, Electronic and Computer Engineering, University of KwaZulu-Natal, Durban, 4041, South Africa; Fractus Antennas, Barcelona, 08174, Spain; Electronics and Telecommunication Department, Universitat Ramon Llull, Barcelona, 08022, Spain	Article

Pramanik M., Pradhan R., Nandy P., Bhoi A.K., Barsocchi P.	Machine le	2021	Applied Sciences (Switzerland)	11	2	581	1	25	Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Department of Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Sikkim, 737102, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Institute of Information Science and Technologies, National Research Council, Pisa, 56124, Italy	Article	
Kar C., Banerjee S.	Tropical Cy	2021	2021 IEEE India Geoscience and Remote Sensing Symposium, InGARSS 2021 - Proceedings					297	300	Sikkim Manipal Institute of Technology, Department of Computer Science and Engineering, Sikkim, India; Maulana Abul Kalam Azad University of Technology, Department of Natural Science, Kolkata, India	Conference Paper
Ghose D., Naskar S., Shabbiruddin, Roy A.K.	An Open Sc	2021	Research Anthology on Usage and Development of Open Source Software	1				426	446	Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, India	Book Chapter
Uddin S., Sherpa K.S., Chakravorty S., Ray A.	Transmissi	2021	Research Anthology on Usage and Development of Open Source Software	1				413	425	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo, India; Indus University, Ahmedabad, India; Jalpaiguri Government Engineering College, Jalpaiguri, India	Book Chapter
Anand R., Das J., Sarkar P.	Comparativ	2021	2021 International Conference on Computational Performance Evaluation, ComPE 2021					803	809	Sikkim Manipal Institute of Technology, Department of Computer Science and Engineering, East Sikkim, India	Conference Paper
Deogam N., Shabbiruddin	Optimal Sit	2021	Research Anthology on Clean Energy Management and Solutions					965	989	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Book Chapter
Basnet P., Chatterjee S.	Biogenic sy	2021	Zinc-Based Nanostructures for Environmental and Agricultural Applications					13	36	Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Gangtok, India	Book Chapter
Gupta M., Dhakal O.P., Gupta A.	Enhancem	2021	Recent Trends in Computational Intelligence Enabled Research: Theoretical Foundations and Applications					377	388	Department of Computer Applications, Sikkim Manipal Institute of Technology, Majitar, India; Department of Medicine, Sikkim Manipal Institute of Medical Sciences, Gangtok, India; Department of Pathology, Sikkim Manipal Institute of Medical Sciences, Gangtok, India	Book Chapter
Rahman H., Khalda E.	Adhesive G	2021	Eurasian Journal of Medicine and Oncology	5	4			332	340	Department of Obstetrics and Gynecology, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, India; Department of Radiodiagnosis, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, India	Review
Sarma H.K.D., Mishra S.	Knowledge	2021	Proceedings - 2021 19th OITS International Conference on Information Technology, OCIT 2021					185	190	Sikkim Manipal Institute of Technology, Department of Information Technology, Majitar, East Sikkim, India; J P Morgan, Karnataka, Bengaluru, India	Conference Paper
Kibria G., Haque R., Shivakoti I.	Performan	2021	Micro Electro-fabrication					245	276	Department of Mechanical Engineering, Aliah University, Kolkata, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India	Book Chapter
Sarma H.K.D.	Data Aggre	2021	Proceedings - 2021 IEEE International Symposium on Smart Electronic Systems, iSES 2021					271	276	Sikkim Manipal Institute of Technology Majitar, Department of Information Technology, East Sikkim, Sikkim737136, India	Conference Paper
Khanal B., Singh A., Paul S., Das R.	Multi-Class	2021	Proceedings of the 2021 IEEE 18th India Council International Conference, INDICON 2021							Sikkim Manipal University, Sikkim Manipal Institute of Technology, Department of Computer Science and Engineering, Majhitar, East Sikkim, India; National Institute of Technology, Department of Computer Science and Engineering, Mizoram, Aizawl, India	Conference Paper
Mondal S., Nandi D., Bera R.	Link Level f	2021	Proceedings of the 8th International Conference on Signal Processing and Integrated Networks, SPIN 2021					1104	1107	Dept. of ECE, Indian Institute of Information Technology Kalyani, Kalyani, India; Dept. of ECE, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Sharma S., Prasad A., Pajany M.	A Scheduling	2021	ACCESS 2021 - Proceedings of 2021 2nd International Conference on Advances in Computing, Communication, Embedded and Secure Systems					291	296	Dept. of Information Technology, Sikkim Manipal Institute of Technology, Sikkim, India	Conference Paper

Pallavi C., Girija R., Vedhapriyavadhana R., Dey B., Vincent R.	A relative i	2021	Advances in Parallel Computing	39			22	32	School of Electronics and Communication, VIT University, Chennai Campus, India; School of Computer Science and Engineering, VIT University, Chennai Campus, India; Department of Information Technology, SMIT, SMU, Sikkim, India	Article	
Chatterjee P.	Study of fu	2021	Indian Journal of Radio and Space Physics	50	3		132	141	Department of Physics, Sikkim Manipal Institute of Technology, Sikkim737 136, India	Article	
Debnath A., Dey B., Routray S.K.	Portable H	2021	Proceedings of the 2021 2nd International Conference on Communication, Computing and Industry 4.0, C2I4 2021						CMR Institute of Technology, Electronics and Communication Dept., Bengaluru, India; Sikkim Manipal Institute of Technology, Electronics and Communication Dept., SMU, Sikkim, India; Bule Hora University, Dept of Electrical and Computer Eng, Bule Hora, Ethiopia	Conference Paper	
Ray J.K., Bera R., Sil S., Alfred Q.M.	Analysis of	2021	Proceedings of IEEE International Conference on Signal Processing, Computing and Control			2021-October		116	121	Sikkim Manipal University, Sikkim Manipal Institute Of Technology, ECE Department, Sikkim, India; University Of Calcutta, A.K. Choudhury School Of Information Technology, Kolkata, India; Aliah University, ECE Department, Kolkata, India	Conference Paper
Gu H., Guo Z., Naik N., Shetty D.K., Hameed B.M.Z., Chakraborty U.K., Paul R., Vanahalli M.K., Srivastava D.K., Gupta A., Singla B., Kumar S., Aaydee N., Liu C., Hao Q., Zhang H., Patil S., John B., Karuppanan S., Sun L., Le T.Q., Gurunathan B., Muthukumaran C., Sham Aan M.P., Lu N., Zhou H.N., Manoharan A.N., Maddodi B.	Frontiers o	2021	Engineered Science	16				1	4	School of Chemical Science and Engineering, Tongji University, Shanghai, 200092, China; Integrated Composites Laboratory (ICL), Department of Chemical and Biomolecular Engineering, University of Tennessee, Knoxville, TN 37996, United States; Department of Mechanical and Manufacturing Engineering, Manipal Institute of Technology, Manipal Academy of Higher Education, Karnataka, Manipal, 576014, India; Department of Humanities and Management, Manipal Institute of Technology, Manipal Academy of Higher Education, Karnataka, Manipal, 576104, India; Department of Urology, Father Muller Medical College, Karnataka, Mangalore, 575002, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Department of Radiation Oncology, Harvard Medical School, Boston, MA, United States; Data Science and Intelligent Systems, Indian Institute of Information Technology, Dharwad, India; Department of Information Technology, Manipal University, Rajasthan, Jaipur, India; Apex Institute of Technology, Chandigarh University, Punjab, Mohali, 752101, India; Chitkara Business School, Chitkara University, Chandigarh Tehsil, Rajpura, Punjab, Patiala, 140401, India; Department of Computer Science and Engineering, Babu Banarasi Das University, Uttar Pradesh, Lucknow, 226028, India; Bharti Vidyapeeth, Institute of Management and Research, New Delhi, 110063, India; Division of Material Science and Engineering, Zhengzhou University Zhengzhou, China; Department of Aerospace and Mechanical Engineering, The University of	Editorial
Chettri P., Nagaraja B.S., Rao A., Deka U.	Low-pressu	2021	Radiation Effects and Defects in Solids	176	11-Dec		1092	1106	India	Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majitar, India; Department of Physics, NMAM Institute of Technology (Visvesvaraya Technological University, Karkala, Belagavi, Nitte, India; Department of Physics, Manipal Institute of Technology, Manipal Academy of Higher Education, Karnataka, Manipal, India; Department of Physics, Manipal Institute of Technology Bengaluru, Manipal Academy of Higher Education, Manipal, India	Article

Singh V.P., Khandelwal B., Goyal P.K.	Developing	2021	Journal of Punjab Academy of Forensic Medicine and Toxicology	21	1	249	253	Department of Physiotherapy, Kasturba Medical College, Mangalore, Manipal Academy of Higher Education, Manipal, India; Department of Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, 5 Mile, Tadong, Gangtok, 737102, India; Department of Forensic Medicine, Adesh Institute of Medical Sciences & Research Bathinda, India	Article
Jhaveri R.H., Shah P.S., Patel N.N., Patel D.M., Thanki S., Bhoi A.K., Bhatia J.	An ICT-based	2021	International Journal of Ad Hoc and Ubiquitous Computing	38	01-Mar	158	171	School of Technology, Pandit Deendayal Energy University, Gandhinagar, India; Department of Computer Engineering, Shri s'Ad Vidya Mandal Institute of Technology, Bharuch, India; Institute of Management, Nirma University, Ahmedabad, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Vishwakarma Government Engineering College, Ahmedabad, 382424, India	Article
Kunar S., Tiwary A.P., Kibria G., Prasad B.V.	Investigative	2021	Journal of Engineering Science and Technology Review	14	4	99	104	Department of Mechanical Engineering, Aditya Engineering College, Surampalem, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Mechanical Engineering, Aliah University, Kolkata, India	Article
Sharma V., Bhandari S.S., Singh V., Chandra A.	A case of	2021	Psychiatria Danubina	33	3	371	372	Department of Psychiatry Institute of Human Behavior and Allied Sciences, Delhi, India; Department of Psychiatry, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Sikkim, Gangtok, India	Article
Shivakoti I., Das P.P., Kibria G., Khanal B., Bhattarai A., Gupta N.K., Pradhan B.B., Sharma A.	Selection of	2021	Journal of Multiple-Valued Logic and Soft Computing	37	05-Jun	601	618	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majhitar, 737136, India; Department of Mechanical Engineering, Aliah University, Kolkata, 700156, India	Article
Biswas O.F., Sen A., Shivakoti I., Kibria G.	Parametric	2021	Periodica Polytechnica Mechanical Engineering	65	2	189	196	Department of Mechanical Engineering, Aliah University, Action Area II-A/27, Newtown, West Bengal, Kolkata, 700156, India; Department of Mechanical Engineering, Calcutta Institute of Technology, 6 National Highway, Banitabla, Uluberia, West Bengal, Howrah, 711316, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India	Article
Shabbiruddin, Ghose D., Pradhan S.	Analysis of	2021	International Journal of Sustainable Engineering	14	6	1893	1906	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Electrical and Computer Engineering, The University of Texas, Austin, United States; Cotiviti, Nepal	Article
Bhuiyan C., Flügel W.-A., Jain S.K.	Preface	2021	Lecture Notes in Civil Engineering	115		vii	viii	Sikkim Manipal Institute of Technology, Sikkim, India; Department of Civil Engineering, Indian Institute of Technology Roorkee, Roorkee, India; Friedrich Schiller University, Jena, Jena, Th, üringen, Germany	Editorial
Verma P., Chakraborty S., Jaiswal P.	Error estim	2021	Lecture Notes in Civil Engineering	115		299	306	Electronics and Communication Engineering Department, Sikkim Manipal Institute of Technology, Majitar, Rangpo, Sikkim, India	Conference Paper
Basnet P., Chatterjee S.	An overvie	2021	Lecture Notes in Civil Engineering	115		239	245	Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Kumar Y., Sen D., Desai V.R., Adak A.	Numerical	2021	Lecture Notes in Civil Engineering	115		283	297	Punjab Engineering College (Deemed to be University), Chandigarh, India; Indian Institute of Technology, Kharagpur, India; Sikkim Manipal Institute of Technology, Sikkim, India	Conference Paper

Chettri R., Tuladhar D., Bhuiyan C.	Hydrochem	2021	Lecture Notes in Civil Engineering	115			51	64	Department of Civil Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Conference Paper
Kiran S., Micheal D.R.	Determina	2021	Lecture Notes in Civil Engineering	115			65	77	Department of Civil Engineering, Sikkim Manipal Institute of Technology, Sikkim, India; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim, India	Conference Paper
Ghose D., Naskar S., Shabbiruddin, Naskar E-Mail: S., E-Mail: S.	Suitable loc	2021	Lecture Notes in Civil Engineering	115			81	92	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Sreeja P., Singh S.	Comparativ	2021	Lecture Notes in Civil Engineering	115			261	269	Water Resource Engineering and Management, Department of Civil Engineering, IIT Guwahati, Guwahati, Assam, India; Department of Civil Engineering, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India	Conference Paper
Donbosco I.S., Chakraborty U.Kr.	An iot-base	2021	Lecture Notes in Civil Engineering	115			247	259	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India	Conference Paper
Khandekar J.S., Vasavi V.L., Singh V.P., Samuel S.R., Sudhan S.G., Khandelwal B.	Effect of Yc	2021	Scientific World Journal	2021			4039364		Department of Physiotherapy, Kasturba Medical College, Mangalore, Manipal Academy of Higher Education, Manipal, India; Sikkim Manipal University, Sikkim Manipal Institute of Medical Sciences, Gangtok, 737102, India	Review
Srinivasu P.N., Ahmed S., Alhumam A., Kumar A.B., Ijaz M.F.	An AW-HAI	2021	Computers, Materials and Continua	69	3		3303	3319	Department of Computer Science and Engineering, GITAM Institute of Technology, Gitam Deemed to Be University, Visakhapatnam, 530045, India; Department of Computer Science, College of Computer Sciences and Information Technology, King Faisal University, Al-Ahsa, 31982, Saudi Arabia; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, 737136, India; Department of Intelligent Mechatronics Engineering, Sejong University, Seoul, 05006, South Korea	Article
Kesari S.P., Paul S., Dey R.	To Study th	2021	Indian Journal of Otolaryngology and Head and Neck Surgery						Department of ENT, Sikkim Manipal University, Sikkim Manipal Institute of Medical Sciences, 5th Mile Tadong, Gangtok, Sikkim 737102, India; Sikkim Manipal University, SMIMS, Gangtok, Sikkim, India; Department of Physiology, Sikkim Manipal University, SMIMS, Gangtok, Sikkim, India	Article
Pramanik M., Pradhan R., Nandy P., Qaisar S.M., Bhoi A.K.	Assessmen	2021	Journal of Healthcare Engineering	2021			9957132		Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India; Department of Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Sikkim, Tadong, 737102, India; Department of Electrical and Computer Engineering, Effat University, Jeddah, 22332, Saudi Arabia; Communication and Signal Processing Lab, Energy and Technology Research Center, Effat University, Jeddah, 22332, Saudi Arabia; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India	Article

Dey S.K., S.S.K., Sen I., Samanta S.	Mechanica	2021	Advances in Materials and Processing Technologies						Mechanical Engineering Department, North Eastern Regional Institute of Science and Technology, Nirjuli, Arunachal Pradesh, India; Mechanical Engineering Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India; Metallurgical and Materials Engineering Department, Indian Institute of Technology, Kharagpur, India	Article
Dutta K., Lenka R., Nayak S.R., Khandual A., Bhoi A.K.	MED-NET:	2021	International Journal of Computer Applications in Technology	65	4	343	357		Kalinga Institute of Industrial Technology, Deemed to be University, Odisha, Bhubaneswar, India; Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida, India; Department of Textile, College of Engineering and Technology, Odisha, Bhubaneswar, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Sikkim, Majitar, India	Article
Bhoi A.K., Gupta D., Mallick P.K., Liu C.-M.	Editorial	2021	International Journal of Computer Applications in Technology	65	4	301	303		Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Majitar, East Sikkim, Rangpo, India; Department of Computer Science and Engineering, Maharaja Agrasen Institute of Technology, Sector-22, Rohini, India; School of Computer Engineering, KIIT Deemed to be University, Odisha, Bhubaneswar, India; Department of Computer Science and Information Engineering, National Taipei University of Technology (Taipei Tech), Taipei, 106, Taiwan	Editorial
Ghose D., Pradhan S., Shabbiruddin	Floating so	2021	Energy Sources, Part A: Recovery, Utilization and Environmental Effects						Department of Electrical and Computer Engineering, The University of Texas, Austin, Sikkim, United States; COTIVITI, Nepal; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Article
Lucksom P.G., Sherpa M., Sharma B.K., Tiwari V.	"Tunnel Cl	2021	Journal of Obstetrics and Gynecology of India						Department of OBG, Sikkim Manipal Institute of Medical Sciences, 5th Mile Tadong, Gangtok, Sikkim, 737102, India; Department of Pathology, Sikkim Manipal Institute of Medical Sciences, 5th Mile Tadong, Gangtok, Sikkim, 737102, India; Department of Radiology, Sikkim Manipal Institute of Medical Sciences, 5th Mile Tadong, Gangtok, Sikkim, 737102, India	Article
Pradhan T.D., Pradhan B.B., Tiwary A.P.	Shifting the	2021	Lecture Notes in Mechanical Engineering				171	179	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Sikkim Institute of Science and Technology, Chisopani, South Sikkim, India	Conference Paper
Awotunde J.B., Folorunso S.O., Bhoi A.K., Adebayo P.O., Ijaz M.F.	Disease Di	2021	Intelligent Systems Reference Library	209		201	222		Department of Computer Science, University of Ilorin, Ilorin, Nigeria; Department of Mathematical Science, Olabisi Onabanjo University, Ago-Iwoye, Nigeria; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Majitar, Sikkim, 737136, India; Department of Computer Science, Federal Polytechnic, Nasarawa, Nigeria; Department of Intelligent Mechatronics Engineering, Sejong University, Seoul, 05006, South Korea	Book Chapter

Bairagya D., Tripathy H.K., Bhoi A.K., Barsocchi P.	Impact of A	2021	Intelligent Systems Reference Library	209			311	328	School of Computer Engineering, Kalinga Institute of Industrial Technology (KIIT), Deemed To Be University, Bhubaneswar, Odisha, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Majitar, Sikkim, 737136, India; Institute of Information Science and Technologies, National Research Council, Pisa, 56124, Italy	Book Chapter
Bhoi A.K., Mallick P.K., Mohanty M.N., de Albuquerque V.H.C.	Preface	2021	Intelligent Systems Reference Library	209		v	vii		Department of Computer Science and Engineering Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University, Majitar, Sikkim, India; Department of Electronics and Communication Engineering, Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar, Odisha, India; School of Computer Engineering, Kalinga Institute of Industrial Technology Deemed to be University, Bhubaneswar, Odisha, India; Graduate Program on Teleinformatics Engineering Federal University of Cear�, Fortaleza, Brazil	Editorial
Awotunde J.B., Bhoi A.K., Barsocchi P.	Hybrid Clou	2021	Intelligent Systems Reference Library	209			1	20	Department of Computer Science, University of Ilorin, Ilorin, Nigeria; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Majitar, Sikkim, 737136, India; Institute of Information Science and Technologies, National Research Council, Pisa, 56124, Italy	Book Chapter
Yanamandra U., Vardhan V., Saxena P., Singh P., Gupta A., Mulajkar D., Grewal R., Nair V.	Radiograph	2021	Indian Journal of Critical Care Medicine	25	6		668	674	Department of Hematology & Stem Cell Transplant, Army Hospital (R&R), New Delhi, Delhi, India; Department of Pulmonology, Base Hospital, New Delhi, Delhi, India; Department of Pulmonology, Army Hospital (R&R), New Delhi, Delhi, India; Sikkim Manipal University, Gangtok, Sikkim, India; Department of Haemato-Oncology and Bone Marrow Transplant, Apollo CBCC Cancer Care, Ahmedabad, Gujarat, India	Article
Tiwary A.P., Shivakoti I.	Laser beam	2021	Lasers in Engineering	50	01-Mar		173	191	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India	Article
Baruah J.K., Verma D., Pavan M., Dhar S., Bera R., Waweru B., Dhar P., Mruthyunjaya H.S.	Linear and	2021	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	80	2		7	17	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, Majitar, 737136, India; Dedan Kimathi University of Technology, Nairobi, 00100, Kenya; Manipal Institute of Technology, Manipal Academy of Higher Education, Udupi-Karkala Road, Eshwar Nagar, Karnataka, Manipal, 576104, India	Review
Sapkota K., Shabbiruddin, Sherpa K.S.	Quantum C	2021	Energy Sources, Part A: Recovery, Utilization and Environmental Effects						Electrical and Electronics Engineering Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Registrar, Sikkim Manipal University Sikkim, India	Article
Dutta R., Paitya N.	Influence o	2021	Journal of Nano- and Electronic Physics	13	3		1	4	Surendra Institute of Engineering & Management, MAKAUT West Bengal 734009, India; Sikkim Manipal Institute of Technology, SMUSikkim 737136, India	Article
Subba K.B., Mitra P.K., Basistha B.C.	Molecular	2021	Journal of Biotech Research	12			106	113	Sikkim Manipal University, NH 10, 5th Mile, East Sikkim, 737102, India; Sikkim State Council of Science & Technology, Vigyan Bhawan, Deorali, East Sikkim, Gangtok, 737102, India	Article
Biju S., Shetty K., Fitzsimmons J.R.	Perceived t	2021	Gender in Management	36	6		697	713	Department of Management Studies, Humanities and Social Sciences, Sikkim Manipal University, Sikkim, India; School of Business, Curtin University Dubai, Dubai, United Arab Emirates; School of Business, Manipal Academy of Higher Education Dubai, Dubai, United Arab Emirates	Article

Bhattacharya S., Protim Das P., Chatterjee P., Chakraborty S.	Prediction	2021	Mathematical Problems in Engineering	2021		9967970			Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Mechanical Engineering, MCKV Institute of Engineering, Howrah, West Bengal, India	Article
Gupta A., Saha S.K., Sharma N.D., Jha A.	Perceptual	2021	International Journal of Asian Business and Information Management	12	3		43	66	Sikkim Manipal Institute of Technology, Sikkim Manipal University, India	Article
Saha S.K., Adhikary A., Jha A., Mehta V.K.	Use of inte	2021	International Journal of Asian Business and Information Management	12	3		289	318	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India; Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, India	Article
Saha S.K., Adhikary A., Jha A., Mehta V.K.	Improveme	2021	International Journal of Asian Business and Information Management	12	3		242	254	Sikkim Manipal Institute of Technology, Sikkim Manipal University, India; Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, India	Article
Raja K., Gupta S., Shirsath P.	Comprehen	2021	Disability, CBR and Inclusive Development	32	1		101	129	JSS College of Physiotherapy, Mysore, Karnataka, India; Sikkim Manipal College of Physiotherapy, Sikkim Manipal University, Gangtok, India; Physiotherapy Practitioner, Nashik, India	Article
Pradhan R., Sharma N.	Enhancem	2021	Lecture Notes in Civil Engineering	124 LNCE			775	779	Department of Civil Engineering, Sikkim Manipal Institute of Technology, SMU, Majitar, East-Sikkim, India	Conference Paper
Chowdhury S., Sharma S., Adak A., Sharma A., Bhutia K.T.C.	Soil Stabilis	2021	Lecture Notes in Civil Engineering	124 LNCE			259	265	Civil Engineering Department, Sikkim Manipal Institute of Technology, East Sikkim, Rangpo, 737136, India	Conference Paper
Biswas P., Chakraborty M., Bera R., Shome S.	Ensuring R	2021	Lecture Notes in Electrical Engineering	740 LNEE			99	105	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim, 737136, India; Amity University Jharkhand, Nivaranpur Main Road, Ranchi, Jharkhand, India; St. Mary's Technical Campus, Kolkata, India	Conference Paper
Konar D., Bhattacharyya S., Panigrahi B.K., Behrman E.C.	Qutrit-Insp	2021	IEEE Transactions on Neural Networks and Learning Systems						Department of Electrical Engineering, IIT Delhi, New Delhi 110016, India, and also with the Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim 737136, India.; Department of Computer Science and Engineering, CHRIST (Deemed to be University), Bengaluru 560029, India (e-mail: dr.siddhartha.bhattacharyya@ieee.org); Department of Electrical Engineering, IIT Delhi, New Delhi 110016, India.; Department of Mathematics and Physics, Wichita State University, Wichita, KS 67260 USA.	Article
Roy R., Sarkar S., Dhar S.	Design and	2021	Lecture Notes in Electrical Engineering	740 LNEE			405	413	Department of ECE, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper
Shome S., Chakraborty M., Dara B., Bera R., Maji B.	Modern Ra	2021	Lecture Notes in Electrical Engineering	740 LNEE			89	97	St. Mary's Technical Campus Kolkata, Barasat, West Bengal, India; Amity University Jharkhand, Nivaranpur Main Road, Ranchi, Jharkhand, India; ECE Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; National Institute of Technology Durgapur, A-Zone, Mahatma Gandhi Rd, Durgapur, West Bengal, 713209, India	Conference Paper
Das A., Gupta Y., Wedhane N.V., Islam M.R.	Smart Wat	2021	Lecture Notes in Electrical Engineering	740 LNEE			341	352	Department of Computer Science and Engineering, Sikkim Manipal University, Majitar, Sikkim, India	Conference Paper
Chakraborty M., Jha R.Kr., Balas V.E., Sur S.N., Kandar D.	Preface	2021	Lecture Notes in Electrical Engineering	740 LNEE		vii	viii		Department of Electronics and Communication Engineering, Amity University Ranchi, Jharkhand, India; Amity University Ranchi, Jharkhand, India; Aurel Vlaicu University of Arad, Arad, Romania; Sikkim Manipal Institute of Technology Majitar, Sikkim, India; North Eastern Hill University, Shillong, Meghalaya, India	Editorial
Baruah A., Dev A., Das J., Misra S.K.	Android-Ba	2021	Lecture Notes in Electrical Engineering	740 LNEE			175	186	Computer Science and Engineering Department, Sikkim Manipal Institute of Technology, Rangpo, Sikkim, India	Conference Paper

Chatterjee S., Chakraborty S.	Material science	2021	Materials Today: Proceedings	44		1621	1626	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, India	Conference Paper
Basnet P., Samanta D., Chatterjee S.	Influence of	2021	Materials Today: Proceedings	43		2993	2997	Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Chinnasamy P., Vinothini C., Arun Kumar S., Allwyn Sundarraj A., Annlin Jeba S.V., Praveena V.	Blockchain	2021	Intelligent Systems Reference Library	203		179	200	Department of Information Technology, Sri Shakthi Institute of Engineering and Technology, Coimbatore, India; Department of Computer Science and Engineering, Dr.N.G.P. Institute of Technology, Coimbatore, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, East Sikkim, Sikkim, India; Department of Food Technology, Sri Shakthi Institute of Engineering and Technology, Coimbatore, India; Sri Buddha College of Engineering, Padanilam, Kerala, India	Book Chapter
Kalita K., Ghadai R.K., Chakraborty S.	A comparison	2021	Engineering with Computers					Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Production Engineering Department, Jadavpur University, Kolkata, India	Article
Gupta A., Dhusia N., Jha A.	An Investigative	2021	Lecture Notes in Electrical Engineering	708		685	697	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Rani J., Saha S.K., Pandey V., Jha A.	An Empirical	2021	Lecture Notes in Electrical Engineering	708		677	684	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Bhattacharya S., Das N., Sahu S., Mondal A., Borah S.	Deep Class	2021	Lecture Notes in Networks and Systems	169 LNNS		33	43	Department of Computer Science, GIET University, Orissa, India; Department of Information Technology, Techno India College of Technology, Kolkata, India; Department of Computer Applications, Sikkim Manipal University, Sikkim, India	Conference Paper
Bhatt T.V., Bhoi A.K., Marques G., Panigrahi R.	A Fuzzy Logic	2021	Lecture Notes in Electrical Engineering	708		699	715	Department of Biomedical Engineering, U. V. Patel College of Engineering, Ganpat University, Gujarat, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Instituto de Telecomunicações, Universidade da Beira Interior, Covilhã, Portugal; Department of Computer Applications, Sikkim Manipal University, Sikkim, India	Conference Paper
Bhujel R., Rai S., Deka U., Biswas J., Swain B.P.	Morphology	2021	Journal of Nano- and Electronic Physics	13	2	02003-1	02003-4	Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, Rangpo, East Sikkim, 737136, India; Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, Rangpo, East Sikkim, 737136, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, Rangpo, East Sikkim, 737136, India; Department of Physics, National Institute of Technology, LangolManipur 795004, India	Article
Ghatak S., Bhattacharjee D.	Video Index	2021	Lecture Notes in Electrical Engineering	728 LNEE		99	107	Department of CSE, Sikkim Manipal University, Manipal, Sikkim, India; Department of CSE, Jadavpur University, Kolkata, West Bengal, India	Conference Paper

Pradhan A., Pradhan M.P., Sharma S.	Reconstruc	2021	Lecture Notes in Networks and Systems	170	LNNS			315	325	Department of CSE, Sikkim Manipal Institute of Technology, SMU, Sikkim, India; Department of Computer Application, Sikkim University, Sikkim, India; School of Information Technology, SRM University, Sikkim, India	Conference Paper
Hazarika R.A., Maji A.K., Sur S.N., Paul B.S., Kandar D.	A Survey of	2021	IEEE Access	9		9400359	58503	58536		Department of Information Technology, North Eastern Hill University, Shillong, 793022, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, 737136, India; Institute for Intelligent Systems, University of Johannesburg, Johannesburg, 2006, South Africa	Review
Das R., Sapkota N.	Applicator	2021	Proyecciones	40	2		572	592		Pandu College, Dept. of Mathematics, Guwahati, AS, India; Sikkim Manipal University, Dept. of Mathematics, Gangtok, SK, India	Article
Paul S., Agarwal S., Das R.	Detection of	2021	Lecture Notes on Data Engineering and Communications Technologies	62			289	298		Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department Computer Science and Engineering, National Institute of Technology, Aizawl, Mizoram, India	Book Chapter
Dey B., Hossain A., Bera R.	Possible ad	2021	International Journal of Advanced Intelligence Paradigms	18	4		439	463		Department of Electronics and Communication Engineering, National Institute of Technology, Silchar, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim, India	Article
Bastola P., Singh P., Pinto D.	A Comparis	2021	Medical Journal of Dr. D.Y. Patil Vidyapeeth				219	225		Department of Physiotherapy, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim, 737 102, India	Article
Roy G., Bhoi A.K., Bhaumik S.	A Compara	2021	IRBM							Department of Aerospace Engineering and Applied Mechanics, Indian Institute of Engineering Science and Technology, Howrah, Shibpur, India; Department of Instrumentation Engineering, Central Institute of Technology, Kokrajhar, Assam, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Sikkim, India	Article
Rai S., Bhujel R., Gupta A., Swain B.P., Biswas J.	In-situ Synt	2021	Journal of Nano- and Electronic Physics	13	1		01031-1	01031-3		Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, East Sikkim, 737136, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, East Sikkim, 737136, India; Department of Physics, National Institute of Technology, Langol, Manipur 795004, India	Article
Basnet P., Samanta D., Chatterjee S.	Chemical A	2021	Journal of Nano- and Electronic Physics	13	1		1	4		Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Article
Patel N., Bhoi A.K., Padmanaban S., Holm-Nielsen J.B.	Preface	2021	Green Energy and Technology				v	vii		Cismac Solution Pvt. Ltd., Ahmedabad, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo, India; Aalborg University, Esbjerg, Denmark	Editorial
Kabi S.	Terahertz C	2021	Lecture Notes in Electrical Engineering	727			65	88		Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majhitar, Sikkim, 737136, India	Book Chapter
Pandey J.R., Saha S.K., Jha A.	An Empiric	2021	Lecture Notes in Electrical Engineering	690			663	669		Department of Management Studies, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Conference Paper
Mallick P.K., Bhoi A.K.	Foreword	2021	Lecture Notes in Electrical Engineering	690			xi	xii		KIIT Deemed to be University, Bhubaneswar, India; Sikkim Manipal Institute of Technology Sikkim Manipal University, Majhitar, India	Editorial

Pareek S.K., Mukherjee S.K.	Balanced S	2021	Lecture Notes in Electrical Engineering	691			69	77	School of Management, Maulana Abul Kalam Azad University of Technology, Kolkata, West Bengal, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Conference Paper
Mallick P.K., Bhoi A.K.	Preface	2021	Lecture Notes in Electrical Engineering	691			xi	xii	KIIT Deemed to be University, India; Sikkim Manipal Institute of Technology Sikkim Manipal University, India	Editorial
Mondal S., Nandi D., Bera R., Shome S.	Realization	2021	Lecture Notes in Networks and Systems	147			139	145	ECE Department, Surendra Institute of Engineering and Management, Siliguri, West Bengal, 734009, India; ECE Department, Indian Institute of Information Technology Kalyani, Kalyani, West Bengal, 741235, India; ECE Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, 737136, India; ECE Department, St. Mary's Technical Campus, Kolkata, West Bengal, 700120, India	Conference Paper
Rai R., Dhusia N., Jha A.	Awareness	2021	Lecture Notes in Electrical Engineering	691			749	763	Sikkim Central University, Gangtok, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Conference Paper
Rai R., Dhusia N., Jha A.	Trusted an	2021	Lecture Notes in Electrical Engineering	691			765	771	Sikkim Central University, Gangtok, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Conference Paper
Dias R.M., Marques G., Bhoi A.K.	Internet of	2021	Lecture Notes in Electrical Engineering	709			653	663	Polytechnic Institute of Viseu, Viseu, 3504-510, Portugal; Polytechnic of Coimbra, ESTGOH, Oliveira do Hospital, Rua General Santos Costa, 3400-124, Portugal; Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Majitar, Sikkim, 737136, India	Conference Paper
Chetia P., Khandelwal B., Halder P.K., Bala A.	Dietary ant	2021	Current Rheumatology Reviews	17	1		76	82	Department of Pharmacology, Himalayan Pharmacy Institute, East Sikkim, Majhitar, Rangpo, Sikkim, 737136, India; Department of Medicine, Sikkim Manipal Institute of Medical Science, 5th Mile Tadong, Gangtok, Sikkim, 737102, India; Department of Pharmaceutical Technology, Jadavpur University, 188B Raja SC Mullick Road, Kolkata, West Bengal, 700032, India; Division of Pharmacology, Guru Nanak Institute of Pharmaceutical Science and Technology, Sodepur, West Bengal, 700114, India; Department of Pharmacology, National Institute of Pharmaceutical Education and Research, Hajipur, Export Promotion Industrial Park (EPIP) Zandaha Road, NH322, Hajipur, Bihar, 844102, India	Article
Nayak S.R., Sivakumar S., Bhoi A.K., Chae G.-S., Mallick P.K.	Mixed-mod	2021	International Journal of Electrical Engineering Education						Amity School of Engineering and Technology, Amity University Uttar Pradesh Noida, India; Department of Computer Science and Engineering, Koneru Lakshamiah Education Foundation, KLEFGuntur, India; Department of Electrical Electronics Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU)Majitar, India; Division of Information Communication Engineering, Baekseok University, South Korea; School of Computer Engineering, Kalinga Institute of Industrial Technology, Deemed to be University, Bhubaneswar, India	Article
Marques G., Bhoi A.K., de Albuquerque V.H.C., Hareesha K.S.	Preface	2021	Studies in Computational Intelligence	933			v	vi	Polytechnic of Coimbra, ESTGOH Rua General Santos Costa Oliveira do Hospital, Portugal; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; ARMTEC Tecnologia em Robótica Fortaleza/CE, Brazil; Department of Computer Applications, Manipal Academy of Higher Education, Manipal, India	Editorial

Konar D., Panigrahi B.K., Bhattacharyya S., Dey N., Jiang R.	Auto-diagn	2021	IEEE Access	9		9352732	28716	28728	Department of Electrical Engineering, IIT Delhi, New Delhi, 110016, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, 737136, India; Department of Computer Science and Engineering, CHRIST (Deemed to Be University), Bengaluru, 560029, India; Department of Computer Science and Engineering, JIS University, Kolkata, 700109, India; School of Computing and Communications, Lancaster University, Lancaster, LA1 4YW, United Kingdom	Article
Tamang J., Dieu Nkapkop J.D., Ijaz M.F., Prasad P.K., Tsafack N., Saha A., Kengne J., Son Y.	Dynamical	2021	IEEE Access	9		9334983	18762	18782	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, 737136, India; Department of Electrical Engineering and Industrial Computing, University Institute of Technology, Douala, Cameroon; Department of Intelligent Mechatronics Engineering, Sejong University, Seoul, 05006, South Korea; Research Unit of Laboratory of Condensed Matter, Electronics and Signal, Processing (URMACETS), Department of Physics, Faculty of Sciences, University of Dschang, Dschang, Cameroon; Research Unit of Laboratory of Automation and Applied Computer (LAlA), Electrical Engineering Department, IUT-FV, University of Dschang, Bandjoun, Cameroon; Department of Industrial and Systems Engineering, Dongguk University, Seoul, 04620, South Korea	Article
Shivakoti I., Kibria G., Das S., Sharma A., Pradhan B.B., Chatterjee S.	Laser surfa	2021	Materials and Manufacturing Processes	36	7		858	867	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, India; Department of Mechanical Engineering, Aliah University, Kolkata, India; Centre for Material Science and Nano Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, India	Article
López Á.G., Ali R., Mandi L., Chatterjee P.	Average co	2021	Chaos	31	1	13104			Nonlinear Dynamics, Chaos and Complex Systems Group, Departamento de Física, Universidad Rey Juan Carlos, Tulipán s/n, Móstoles, Madrid, 28933, Spain; Department of Mathematics, Visva Bharati University, Santiniketan, 731235, India; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, 737136, India; Department of Mathematics, Gushkara Mahavidyalaya, Gushkara, Purba Bardhaman, 713128, India	Article
Pradhan S., Ghose D., Shabbiruddin	Planning ar	2021	International Journal of Sustainable Engineering	14	3		404	418	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Article
Chanda M., Jha S., Mukhopadhyay D., Pandey M.	Characteriz	2021	Asian Journal of Chemistry	33	1		62	66	Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, 737136, India; Department of Soil Science & Agricultural Chemistry, Uttar Banga Krishi Viswa Vidyalaya, Pundibari, 736165, India	Article
Pradhan A., Pradhan M.P.	Automatic	2021	International Journal of Image and Graphics	21	1	2150009			Department of CSE, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Computer Application, Sikkim University, Sikkim, India	Article
Tamang J., Saha A.	Modeling a	2021	Advances in Intelligent Systems and Computing	1262			113	123	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim 737136, India	Conference Paper

Sapkota N., Das R.	Applicator	2021	Advances in Intelligent Systems and Computing	1262			167	177	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Conference Paper
Prasad P.K., Saha A.	Dynamical	2021	Advances in Intelligent Systems and Computing	1262			419	428	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim 737136, India	Conference Paper
Jha A., Tyagi M., Anand H., Saha A.	Bifurcation	2021	Advances in Intelligent Systems and Computing	1262			65	73	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim 737136, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim 737136, India; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim 737136, India	Conference Paper
Borah S., Pradhan R., Dey N., Gupta P.	Preface	2021	Advances in Intelligent Systems and Computing	1248			v	vii	Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Department of Computer Science and Engineering, JIS University, Kolkata, West Bengal, India; GLA University, Mathura, Uttar Pradesh, India	Editorial
Nath M.P., Priyadarshini S.B.B., Mishra D., Borah S.	A Compreh	2021	Advances in Intelligent Systems and Computing	1248			623	634	Computer Science and Engineering, Siksha 'O' Anusandhan Deemed to Be University, Bhubaneswar, Odisha, India; Computer Science & Information Technology, Siksha 'O' Anusandhan Deemed to Be University, Bhubaneswar, Odisha, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Pathak S., Jain S., Borah S.	Clustering	2021	Advances in Intelligent Systems and Computing	1248			563	578	Amity University, Jaipur, India; JK Lakshmi Pat University, Jaipur, Rajasthan, India; Sikkim Manipal Institute of Technology, Sikkim, India	Conference Paper
Khanal B., Yanamadala C.C., Rai N., Kar C., Konar D.	Representa	2021	Advances in Intelligent Systems and Computing	1248			233	243	Sikkim Manipal Institute of Technology, Manipal, India	Conference Paper
Ponniah T.D., Ahmad S.S.B.S., Borah S.	Compariso	2021	Advances in Intelligent Systems and Computing	1248			589	599	Universiti Teknikal Malaysia, Melaka, Malaysia; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Debata P.P., Mohapatra P., Mishra D., Borah S.	A Chaotic-J	2021	Advances in Intelligent Systems and Computing	1248			611	621	Department of Computer Science and Engineering, Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar, Odisha, India; Department of Computer Science and Engineering, International Institute Information Technology, Bhubaneswar, Odisha, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Dutta A., Thapa N., Misra S.K., Bhutia T.M.	Divide-and	2021	Advances in Intelligent Systems and Computing	1248			305	320	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper
Kar C., Banerjee S.	Tropical Cy	2021	Advances in Intelligent Systems and Computing	1248			399	407	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Maulana Abul Kalam Azad University of Technology, Kolkata, West Bengal, India	Conference Paper
Sharma A., Islam R., Ningombam D.	Analysis of	2021	Advances in Intelligent Systems and Computing	1248			245	253	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo, India	Conference Paper
Roy R., Sarkar S., Dhar S.	Design and	2021	Advances in Intelligent Systems and Computing	1248			341	349	Department of ECE, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper
Pramanik M., Pradhan R., Nandy P.	Biomarkers	2021	Advances in Intelligent Systems and Computing	1248			461	475	Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper

Srivastava M., Sakshi S., Dutta S., Ningthoujam C.	Survey on	2021	Advances in Intelligent Systems and Computing	1248				273	282	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Majitar, Gangtok, India	Conference Paper
Chidinma O.A., Borah S., Panigrahi R.	Suicidal Int	2021	Advances in Intelligent Systems and Computing	1248				147	153	Department of Computer Science, School of Information and Communications Technology, Federal University of Technology, Owerri, Imo State, Nigeria; Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Dwivedi P.D., Sandhu S., Zeeshan M., Sarkar P.	Data Augm	2021	Advances in Intelligent Systems and Computing	1248				331	340	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper
Pradhan G., Pradhan R., Khandelwal B.	A Study on	2021	Advances in Intelligent Systems and Computing	1248				553	561	Department of Computer Applications, Sikkim Manipal Institute of Technology, SMU, Majitar, Rangpo, East Sikkim, India; Department of Medicine, Sikkim Manipal Institute of Medical Sciences, SMU, Tadong, Gangtok, East Sikkim, India	Conference Paper
Mishra J.P., Borah S., Mishra S.K.	Performan	2021	Advances in Intelligent Systems and Computing	1248				601	610	Gandhi Institute for Education and Technology, Baniatangi, Bhubaneswar, Odisha, India; Biju Patnaik University of Technology, Rourkela, Odisha, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Priyadarshini S.B.B., Mishra D., Borah S.	A Hybrid St	2021	Advances in Intelligent Systems and Computing	1248				635	642	Siksha 'O' Anusandhan Deemed to Be University, Bhubaneswar, Odisha, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Das S., Chattopadhyay A., Tewari S.	Minimizati	2021	Lecture Notes in Electrical Engineering	692				393	402	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; Department of Radio Physics and Electronics, University of Calcutta, Kolkata, India	Conference Paper
Sharma P., Sharma A.K., Priyadarshi N., Azam F., Padmanaban S., Bhoi A.K.	A Compreh	2021	Green Energy and Technology					271	285	Department of Electrical Engineering, Rajasthan Technological University, Kota, Rajasthan 324010, India; Department of Energy Technology, Aalborg University, Esbjerg, 6700, Denmark; School of Computing and IT, REVA University, Bangalore, Karnataka 560064, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Book Chapter
Azam F., Priyadarshi N., Nagar H., Kumar S., Bhoi A.K.	An Overvie	2021	Green Energy and Technology					95	102	Sangam University, Bhilwara, Rajasthan 311001, India; Department of Energy Technology, Aalborg University, Esbjerg, 6700, Denmark; Department of Computer Science, Sangam University, Bhilwara, Rajasthan 311001, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Book Chapter
Bhuyan R., Kenny S.P.K., Borah S., Mishra D., Das K.	Recent Adv	2021	Smart Innovation, Systems and Technologies	194				263	273	Department of Computer Science, St. Joseph University, Dimapur, Nagaland, India; Department of Computer Applications, Sikkim Manipal Institute of Technology, Majitar, Rangpo, Sikkim, India; Siksha 'O' Anusandhan (Deemed to be) University, Bhubaneswar, Odisha, India	Conference Paper
Rai A., Borah S.	Study of va	2021	Lecture Notes in Networks and Systems	137				193	200	Department of Computer Application, SMIT, Sikkim Manipal Institute of Technology, Sikkim, India	Book Chapter
Das S., Chattopadhyay A., Tewari S.	nTunnel FE	2021	Lecture Notes in Electrical Engineering	673				159	170	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Radio Physics and Electronics, University of Calcutta, Kolkata, India	Conference Paper
Panigrahi R., Borah S., Chakraborty U.K.	WEKA Resu	2021	Advances in Intelligent Systems and Computing	1176				159	167	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, 737136, India	Conference Paper

Bhutia P.Y., Borah S., Mishra D.	Morph ana	2021	Smart Innovation, Systems and Technologies	153			609	622	Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majitar, Rangpo, 737132, India; Department of Computer Science & Engineering, Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar, Odisha 751030, India	Conference Paper
Borah M., Ghose M.K., Mishra D.	An enhanc	2021	Smart Innovation, Systems and Technologies	153			581	597	Department of MCA, Jorhat Engineering College, Garmur, Jorhat, Assam, India; Department of Computer Science & Engineering, Sikkim Manipal Institute of Technology, East Sikkim, Majitar, Rangpo, 737132, India; Siksha 'O' Anusandhan (Deemed to be) University, Bhubaneswar, Odisha, India	Conference Paper
Panigrahi R., Borah S., Mishra D.	A proposal	2021	Smart Innovation, Systems and Technologies	153			623	633	Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India; Department of Computer Science & Engineering, Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar, Odisha 751030, India	Conference Paper
Kumar K., Haider M.T.U., Ahsan S.S.	Ontology-B	2021	Lecture Notes in Electrical Engineering	668			211	222	National Institute of Technology Patna, Patna, India; Sikkim Manipal Institute of Technology, Majitar, Rangpo, Sikkim, India	Conference Paper
Prasad P.K., Saha A.	Bifurcation	2021	Advances in Space Research	67	1		9	19	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim 737136, India	Article
Bhoi A.K., Mallick P.K., Liu C.-M., Balas V.E.	Preface	2021	Studies in Computational Intelligence	903			v	vi	Sikkim Manipal Institute of Technology, Rangpo, Sikkim, India; Mallick KIIT Deemed to be University, Bhubaneswar, Odisha, India; National Taipei University of Technology, Taipei, Taiwan; Aurel Vlaicu University of Arad, Arad, Romania	Editorial
Satapathy S.K., Bhoi A.K., Loganathan D.	A review o	2021	Studies in Computational Intelligence	903			105	130	Pondicherry Engineering College Puducherry, Pondicherry, India; Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Sikkim, India	Book Chapter
Priyadarshi N., Azam F., Solanki S.S., Sharma A.K., Bhoi A.K., Almkhles D.	A bio-inspi	2021	Studies in Computational Intelligence	903			297	308	Department of Electrical Engineering, Birsa Institute of Technology (Trust), Ranchi, 835217, India; School of Computing & Information Technology, REVA University, Bangalore, 560064, India; Department of Electronics and Communications, Birla Institute of Technology, Mesra, Ranchi, 835215, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Renewable Energy Lab, Department of Communications and Networks Engineering, College of Engineering, Prince Sultan University, Riyadh, Saudi Arabia	Book Chapter
Oniani S., Marques G., Barnovi S., Pires I.M., Bhoi A.K.	Artificial in	2021	Studies in Computational Intelligence	903			43	59	Faculty of Informatics and Control Systems, Georgian Technical University, Tbilisi, Georgia; Instituto de Telecomunicações, Universidade Da Beira Interior, 6201-001, Covilhã, Portugal; Computer Science Department, Polytechnic Institute of Viseu, Viseu, Portugal; Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology (SMIT) Sikkim Manipal University (SMU), Sikkim, India	Book Chapter
Baruah A., Basu M., Amuley D.	Modeling c	2021	Renewable and Sustainable Energy Reviews	135		110158			Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India; Department of Power Engineering, Jadavpur University, Salt Lake City, Kolkata, West Bengal 700106, India	Article

Inan B., Ali K.K., Saha A., Ak T.	Analytical &	2021	Numerical Methods for Partial Differential Equations	37	1	7	23	Department of Mathematics and Science Education, Muallim Rifat Faculty of Education, Kilis 7 Aralik University, Kilis, Turkey; Mathematics Department, Faculty of Science, Al-Azhar University, Nasr-City, Egypt; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India; Department of Food Processing, Armutlu Vocational School, Yalova University, Yalova, Turkey	Article
Sur S.N., Bera S., Singh A.K., Shome S., Bera R., Maji B.	Polyphase	2021	Measurement: Journal of the International Measurement Confederation	167		108247		Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology Sikkim Manipal University, Majitar, Rangpo, East Sikkim 737136, India; G S Sanyal School of Telecommunications, IIT Kharagpur, Kharagpur, West Bengal 721302, India; St. Mary's Technical Campus Kolkata, Barast, West Bengal, India; National Institute of Technology Durgapur, Mahatma Gandhi Rd, A-Zone, Durgapur, West Bengal 7132091, India	Article
Gupta S., Raja K.	Energy Exp	2021	Disability and Rehabilitation	43	4	568	575	Sikkim Manipal College of Physiotherapy, Sikkim Manipal University, Gangtok, India; Manipal College of Health Professions, Manipal Academy of Higher Education, Manipal, India; JSS College of Physiotherapy, Mysore, India	Article
Tamang J., Saha A.	Influence o	2021	Waves in Random and Complex Media	31	4	597	617	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East-Sikkim, India	Article
Bhutia S.L., Borah S., Pradhan R., Sharma B.	An Experim	2020	Journal of Physics: Conference Series	1712	1	12029		Sikkim Manipal Institute of Technology, Majitar, Sikkim, 737136, India	Conference Paper
Kumar R., Singh B.	Matrix con	2020	9th IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2020			9379678		SMIT, Sikkim Manipal University, Department of EEE, Sikkim, India; Indian Institute of Technology Delhi, New Delhi, 110016, India	Conference Paper
Rai P., Ghose M.K., Sarma H.K.D.	An Analysis	2020	International Symposium on Advanced Networks and Telecommunication Systems, ANTS			2020-December	9342781	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Dept. of Computer Science and Engineering, Sikkim, India; GLA University, Department of Computer Engineering and Applications, Mathura, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Dept. of Information Technology, Sikkim, India	Conference Paper
Sengupta A., Dey R., Roy C.	Mitigation	2020	2020 IEEE 17th India Council International Conference, INDICON 2020				9342552	Sikkim Manipal University, Sikkim Manipal Institute of Technology, Department of Eee, Majitar, India	Conference Paper
Ray J.K., Nath Sur S., Bera R., Biswas P., Sil S., Alfred Q.M.	Integrated	2020	2020 IEEE 17th India Council International Conference, INDICON 2020				9342151	Sikkim Manipal University, Majitar Ece Department Sikkim Manipal, Institute of Technology, Rangpo, Sikkim, India; Aliah University, Ece Department, Kolkata, India	Conference Paper
Samanta D., Basnet P., Inakhunbi Chanu T., Chatterjee S.	Biomolecul	2020	Journal of Alloys and Compounds	844		155810		Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University Sikkim, India; Department of Chemistry, Nar Bahadur Bhandari Degree College, Gangtok, Sikkim, India	Article
Dutta R., Tamang T., Paul P., Kumar N., Chetri C., Dutta P.K.	Smart and	2020	Proceedings of the 3rd International Conference on Intelligent Sustainable Systems, ICISS 2020				9316127	1086 1090 India	Conference Paper

Rai P., Ghose M.K., Sarma H.K.D.	Game Theor	2020	Proceedings - 2020 6th IEEE International Symposium on Smart Electronic Systems, ISES 2020			9426106	35	39	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Dept. of Computer Science and Engineering, Sikkim, India; GJa University, Department of Computer Engineering and Applications, Mathura, UP, India	Conference Paper	
Das S., Ghadai R., Krishna A., Trivedi A., Bhujel R., Rai S., Shivakoti I., Kalita K.	A compara	2020	Iranian Journal of Materials Science and Engineering	17	4			25	32	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo-East Sikkim, India; Center for Material Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo-East Sikkim, India; Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, India	Article
Roy M.K., Shivakoti I., Phipon R., Sharma A.	A Holistic A	2020	Foundations of Computing and Decision Sciences	45	4			339	357	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, India	Article
Muwonge R., Basu P., Gheit T., Anantharaman D., Verma Y., Bhatla N., Joshi S., Esmey P.O., Poli U.R.R., Shah A., Zomawia E., Shastri S.S., Pimple S., Prabhu P.R., Hingmire S., Chiwate A., Sauvaget C., Lucas E., Malvi S.G., Siddiqi M., Sankaran S., Kannan T.P.R.A., Varghese R., Divate U., Vashist S., Mishra G., Jadhav R., Tommasino M., Pillai M.R., Sankaranarayanan R., Jayant K., Shah A., Esmey P.O., Anilkumar D., Kavitha M., Umarani P., Malvi S.G., Jayant K., Hingmire S., Chiwate A., Poli U.R.R., Poojari R., Varija Y., Sujatha M., Siddiqi M., Zomawia E., Mishra G., Bhatla N., Vashist S., Joshi S., Divate U., Jadhav R., Gupta A., Thatal A., Deokota R.N., Pillai M.R., Anantharaman D., Prabhu P.R., Sankaran S., Kairnann A., Varghese R., Basu P., Muwonge R., Gheit T., Sauvaget C., Lucas E., Tommasino M., Sankaranarayanan R., Indian HPV vaccine study group	Acquisition	2020	PLoS ONE	15	12	e0244242				International Agency for Research on Cancer, Lyon, France; Infections and Cancer Biology Group, Section of Infections, International Agency for Research on Cancer, Lyon, France; Rajiv Gandhi Centre for Biotechnology, Poojappura, Thiruvananthapuram, Kerala, India; Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim, India; Department of Obstetrics & Gynaecology, All India Institute of Medical Sciences, New Delhi, India; Jehangir Clinical Development Centre, Jehangir Hospital Premises, Pune, India; Christian Fellowship Community Health Centre, Ambillikai (Near Oddanchathram), Dindigul District, Tamil Nadu, India; Indian Institution of Public Health-Hyderabad, Public Health Foundation of India, Hyderabad, India; Gujarat Cancer & Research Institute (GCRI), M.P. Shah Cancer Hospital, Civil Hospital Campus, Asarwa, Ahmedabad, India; Civil Hospital, Aizawl, Mizoram, India; Department of Health Disparities Research, Division of Cancer Prevention and Population Sciences, University of Texas M.D. Anderson Cancer Centre, Houston, TX, United States; Department of Preventive Oncology, Tata Memorial Center, Tata Memorial Hospital & Cancer Research Inst, Parel, Mumbai, India; Tata Memorial Centre Rural Cancer Project, Nargis Dutt Memorial Cancer Hospital, Barshi District Solapur, Maharashtra, India; Cancer Foundation of India, Kolkata, West Bengal, India; Research Triangle Institute (RTI) International India, New Delhi, India; Gujarat Cancer & Research Institute (GCRI), Ahmedabad, India; Christian Fellowship Community Health Centre, Ambillikai,	Article
Atungbou N.	Food pract	2020	Journal of Ethnic Foods	7	1	41				Department of Humanities and Social Sciences, Sikkim Manipal University, Gangtok, 737102, India	Article
Ali R., Sharma A., Chatterjee P.	Soliton tur	2020	Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences	75	12			999	1007	Department of Mathematics, Sikkim Manipal University, Sikkim Manipal Institute of Technology, East-Sikkim, Majitar, Rangpo, 737136, India; Department of Mathematics, Siksha Bhavana, Visva Bharati University, Santiniketan, 731235, India	Article
Majumder S., Chatterjee S., Basnet P., Mukherjee J.	ZnO based	2020	Environmental Nanotechnology, Monitoring and Management	14		100386				Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University Sikkim, India; Laser & Plasma Technology Division, Bhabha Atomic Research Centre, Mumbai, India	Review
Choden S., Thapa S., Surjajeevan Y.	Migration a	2020	Sociological Bulletin	69	3			385	401	Department of Sociology, Nar Bahadur Bhandari Degree College, Gangtok, Sikkim, India; Department of Sociology, School of Social Sciences, Sikkim University, Sikkim, India; Department of Humanities and Social Sciences, Sikkim Manipal University, Sikkim, India	Article

Karakoc S.B.G., Saha A., Sucu D.	A novel im	2020	Chinese Journal of Physics	68		605	617	Department of Mathematics, Faculty of Science and Art, Nevsehir Haci Bektas Veli University, Nevsehir, 50300, Turkey; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, 737136, India	Article	
Ghose D., Naskar S., Shabbiruddin, Sadeghzadeh M., Assad M.E.H., Nabipour N.	Siting high	2020	Sustainable Energy Technologies and Assessments	42		100864		Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Renewable Energy and Environmental Engineering, University of Tehran, Tehran, Iran; Sustainable and Renewable Energy Engineering Department, University of Sharjah, P O Box 27272, Sharjah, United Arab Emirates; Institute of Research and Development, Duy Tan University, Da Nang, 550000, Viet Nam	Article	
Das P.P., Chakraborty S.	Multi-respo	2020	Process Integration and Optimization for Sustainability	4	4	481	495	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India	Article	
Das P.P., Chakraborty S.	Application	2020	Process Integration and Optimization for Sustainability	4	4	409	427	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India	Article	
Joseph S.J., Mishra A., Bhandari S.S., Dutta S.	Intimate ps	2020	Asian Journal of Psychiatry	54		102279		Assistant Professor, Department of Psychiatry, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim, India; Associate Professor, Department of Forensic Medicine and Toxicology, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim, India; Professor, Department of Psychiatry, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim, India; Professor and Head, Department of Psychiatry, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim, India	Letter	
Kumar V., Das P.P., Chakraborty S.	Grey-fuzzy	2020	Sadhana - Academy Proceedings in Engineering Sciences	45	1	106		Central Institute of Mining and Fuel Research, Dhanbad, Jharkhand, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India	Article	
Shivakoti I., Pandey D., Kibria G., Sharma A., Pradhan B.B.	State of the	2020	2020 International Conference on Decision Aid Sciences and Application, DASA 2020			9317267	473	479	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Department of Mechanical Engineering, Majitar, East Sikkim, India	Conference Paper
Sunuwar J., Borah S., Pradhan R.	Gesture Re	2020	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020			9297480	1458	1463	Sikkim Manipal University, Department of Computer Applications, India	Conference Paper
Majumder S., Basnet P., Mukherjee J., Chatterjee S.	Bio-capped	2020	AIP Conference Proceedings	2265		30093			Centre for Material Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Laser and Plasma Technology Division, Bhabha Atomic Research Centre, Mumbai, India	Conference Paper
Basnet P., Samanta D., Chatterjee S., Chanu T.I.	Phyto-med	2020	AIP Conference Proceedings	2273		30009			Centre for Material Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Chemistry, Nar Bahadur Bhandari Degree College, Gangtok, Sikkim, India	Conference Paper

Chettri P., Deka U., Rao A.	Estimation	2020	AIP Conference Proceedings	2273	50046	Department of Physics, Sikkim Manipal Institute of Technology, Majitar, Sikkim, 737136, India; Department of Physics, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, Karnataka, 576104, India	Conference Paper
Biswas S.K., Sarkar A.	Facile synt	2020	AIP Conference Proceedings	2273	50063	Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India; Department of Chemistry, Brainware University, Barasat, Kolkata, West Bengal, 700125, India	Conference Paper
Bhujel R., Rai S., Mustafa Z., Sarkar G., Deka U., Biswas J., Swain B.P.	Synthesis a	2020	AIP Conference Proceedings	2273	40002	Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; University Science Instrumentation Centre, North Bengal University, Siliguri, West Bengal, India; Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Physics, National Institute of Technology, Manipur, Langol, Imphal, India	Conference Paper
Parchure N.P., Parchure S.N., Bora B.	Role of neu	2020	AIP Conference Proceedings	2273	60005	MKSSSS'S SMT. Hiraben Nanavati Institute of Management and Research for Women, Near Cummins Engineering College, Karve Nagar, Pune, 411052, India; Department of Management Studies, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Conference Paper
Dheer, Ajay, Ajeya J., Kumar M.V.	An explor	2020	AIP Conference Proceedings	2273	60007	Sikkim Manipal Institute of Medical Sciences, Smu, Sikkim, India; Sikkim Manipal Institute of Technology, Smu, Sikkim, India	Conference Paper
Ghosh T., Gupta S., Choudhury S.	A study on	2020	AIP Conference Proceedings	2273	50035	Department of Civil Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Civil Engineering, National Institute of Technology, Silchar, Assam, India	Conference Paper
Borah R., Das S., Sharma A., Dutta A.	A review o	2020	AIP Conference Proceedings	2273	40007	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India	Conference Paper
Dutta S., Mukherjee B., Kumar D.	Analysis of	2020	AIP Conference Proceedings	2273	50065	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo-East Sikkim, 737136, India	Conference Paper
Adak A., Gupta S., Sarkar S., Kumar S., Pradhan R., Sharma G.P.	Effect of di	2020	AIP Conference Proceedings	2273	30010	Department of Civil Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo, Majitar, Sikkim, 737132, India	Conference Paper
Debbarma S., Kumar K.K.P., Soren N., Jha D., Roy A.K.	Day ahead	2020	AIP Conference Proceedings	2273	50068	Department of Electrical Engineering, National Institute of Technology Silchar, Assam, India; Department of Mechanical Engineerin, Bit Sindri, Jharkhand, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India	Conference Paper
Oraon M., Sharma V., Roy M.K.	Analysis on	2020	AIP Conference Proceedings	2273	50016	Dept. of Production Engineering, Birla Institute of Technology, Mesra, Ranchi, India; Dept. of Mechanical Production Engineering, Sikkim Manipal Institute of Technology, Sikkim, India	Conference Paper

Vikram K., Kalita K., Ghadai R.K.	Multi-attrib	2020	AIP Conference Proceedings	2273	40010	Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala RandD Institute of Science and Technology, Avadi, Chennai, 600062, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Conference Paper
Srivastava R., Mukherjee B., Kumar D.	Variation o	2020	AIP Conference Proceedings	2273	50064	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo-East Sikkim, 737136, India	Conference Paper
Rai R., Dhar P., Jha A.	Impact of p	2020	AIP Conference Proceedings	2273	20013	Department of Management, Sikkim University, India; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, India; Department of Management Studies, Sikkim Manipal Institute of Technology Sikkim, Manipal University, India	Conference Paper
Pal H., Seal M., Deogaonkar A., Mahapatra R., Chatterjee S.	Finding the	2020	AIP Conference Proceedings	2273	40008	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Electronics and Communication, National Institute of Technology, Durgapur, India; Centre for Material Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Singh A., Shivakoti I., Mustafa Z., Phipon R., Sharma A.	TOPSIS bas	2020	AIP Conference Proceedings	2273	50071	Department of Mechanical Engineering, Iisc Bangalore, Karnatak, India; Mechanical Engineering Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Shekhar A., Kumar S., Oraon M., Roy M.K.	Revisiting t	2020	AIP Conference Proceedings	2273	50031	Department of Production Engineering, Birla Institute of Technology, Mesra, Off Campus-Patna, Bihar, 800014, India; Department of Production Engineering, Birla Institute of Technology, Mesra, Ranchi, 835215, India; Department of Electronics and Communication, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo-East Sikkim, 737136, India	Conference Paper
Pandey D., Shivakoti I., Phipon R., Pradhan B.B., Sharma A., Chettri A.K.	Multi-criter	2020	AIP Conference Proceedings	2273	50073	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, East Sikkim, India	Conference Paper
Ranjan R., Ghosh S.K., Kumar M.	Significanc	2020	AIP Conference Proceedings	2273	50039	Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Indian Institute of Technology (ISM), Dhanbad, India; Mechanical Engineering Department, BIT, Sindri, Dhanbad, India	Conference Paper
Babu J., Kumar D., James A., Paul L., Chakraborty S.	Applicator	2020	AIP Conference Proceedings	2273	50015	Department of Mechanical Engineering, St. Joseph's College of Engineering and Technology, Palai, Kerala, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India	Conference Paper
Anand A., Mahto P.K., Gupta A., Kumar R.	An effect o	2020	AIP Conference Proceedings	2273	50057	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Deputy Manager, RDCIS, Sail, Ranchi, Jharkhand, India; Department of Mechanical Engineering, IIT(ISM) Dhanbad, Jharkhand, India	Conference Paper
Kumar D., Mukherjee B., Banerjee S., Kumar A.	Effect of ad	2020	AIP Conference Proceedings	2273	50060	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo-East Sikkim, 737136, India	Conference Paper

Sharma S., Ladakhi T.Y., Pradhan B.B., Phipon R.	A review of	2020	AIP Conference Proceedings	2273	50074	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, East Sikkim, India; Department of Mechanical Engineering, Sikkim Institute of Science and Technology, Sikkim, India	Conference Paper
Das P.P., Kumar S., Chakraborty S.	Fuzzy mod	2020	AIP Conference Proceedings	2273	50033	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India	Conference Paper
Das P.P., Sharma S., Ladakhi T.Y., Pradhan B.B., Chakraborty S.	A hybrid of	2020	AIP Conference Proceedings	2273	50044	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Sist, Chisopani, South Sikkim, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India	Conference Paper
Chettri A.K., Phipon R., Shivakoti I., Pandey D., Sharma A.	Supplier se	2020	AIP Conference Proceedings	2273	50072	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, India	Conference Paper
Rai S., Bhujel R., Biswas J., Swain B.P.	A green ap	2020	AIP Conference Proceedings	2273	50032	Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo-East Sikkim, Majhitar, 737136, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo-East Sikkim, Majhitar, 737136, India; Department of Physics, National Institute of Technology, Manipur, Langol, Manipur, 795004, India	Conference Paper
Majumder S., Basnet P., Mukherjee J., Chatterjee S.	Effect of zi	2020	AIP Conference Proceedings	2273	40006	Centre for Material Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Laser and Plasma Technology Division, Bhabha Atomic Research Centre, Mumbai, India	Conference Paper
Diyaley S., Chakraborty S.	Optimizati	2020	AIP Conference Proceedings	2273	50010	Department of Mechanical Engineering Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India; Department of Production Engineering, Jadavpur University, Kolkata, India	Conference Paper
Das S., Sharma A., Swain B.P.	Compariso	2020	AIP Conference Proceedings	2273	40009	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, Sikkim, 737136, India; Department of Physics, Nit, Manipur, 795004, India	Conference Paper
Das P.P., Gupta P., Guha S., Mahto P.K., Das S., Bandyopadhyay A.	A grey-fuzz	2020	AIP Conference Proceedings	2273	50066	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; School of Mechanical Engineering, KiiT University, Bhubaneswar, Odisha, India; Department of Mechanical Engineering, Kalyani Government Engineering College, Kalyani, West Bengal, India; Department of Mechanical Engineering, Jadavpur University, Kolkata, West Bengal, India	Conference Paper
Dey S.K., Mukherjee B., Nampally A., Phipon R.	Retractabl	2020	AIP Conference Proceedings	2273	50037	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India	Conference Paper
Das S., Kandulna F., Phukhan M., Pal H., Chethan K.N., Ghadai R.K.	Investigati	2020	AIP Conference Proceedings	2273	30011	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo-East Sikkim, 737136, India; Department of Electronics and Communication, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo-East Sikkim, 737136, India; Department of Aeronautical and Automobile Engineering, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, Karnataka, 576104, India	Conference Paper

Porwal P., Bora B., Jha A.	An empiric	2020	AIP Conference Proceedings	2273	60009	Smit, Sikkim Manipal University, Sikkim, India	Conference Paper
Pradhan S., Ghose D., Pradhan B., Shabbiruddin	Study and	2020	AIP Conference Proceedings	2273	20014	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Baruah A., Sahoo S.	Energy effi	2020	AIP Conference Proceedings	2273	50061	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Sherpa T.D., Ghadai R.K., Pradhan B.B., Kalita K.	A paramet	2020	AIP Conference Proceedings	2273	50076	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo-East Sikkim, 737136, India; Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R and D Institute of Science and Technology, Avadi, Chennai, India	Conference Paper
Adhikary A., Bora B.	Assessing v	2020	AIP Conference Proceedings	2273	60004	Department of Management Studies, Sikkim Manipal University Smit Campus, Rangpo, Majitar, East Sikkim, 737136, India	Conference Paper
Dewan P.R., Kundu P.K., Phipon R.	Powder mi	2020	AIP Conference Proceedings	2273	50075	Department of Mechanical Engineering, National Institute of Technology Sikkim, South Sikkim, 737139, India; Department of Mechanical Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, 211004, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Majitar, 737136, India	Conference Paper
Bora B., Adhikary A., Sarkar S.D., Parchure N.	'Swadeshi	2020	AIP Conference Proceedings	2273	60003	Department of Management Studies, Sikkim Manipal University Smit Campus, Rangpo, Majitar, East Sikkim, 737136, India; Symbiosis Center for Distance Learning (SCDL), 1065 B, Gikhle Cross Road, Model Colony, Shivajinagar, Pune, 411016, India	Conference Paper
Lepcha L.P., Dewan P.R., Phipon R.	Experimen	2020	AIP Conference Proceedings	2273	50055	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo-East Sikkim, 737136, India	Conference Paper
Das P.P., Chatterjee S., Singh Y., Shivakoti I., Chakraborty S.	A Taguchi	2020	AIP Conference Proceedings	2273	50050	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Mechanical Engineering, Modern Institute of Technology and Research, Alwar, Rajasthan, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India	Conference Paper
Das P.P., Ladakhi T.Y., Sharma S., Patwardhan A.	Supplier se	2020	AIP Conference Proceedings	2273	50018	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Speed Engineering Solutions Pvt. Ltd., Pune, Maharastra, India	Conference Paper
Tiwary A.P., Chakraborty S., Pradhan B.B., Bhattacharyya B.	Improvem	2020	AIP Conference Proceedings	2273	50067	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, 737136, India; Sist, Chisopani, South Sikkim, Sikkim, 737126, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, 700032, India	Conference Paper
Gupta A., Sharma N., Jha A.	An empiric	2020	AIP Conference Proceedings	2273	60006	Department of Management Studies, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo-East Sikkim, 737136, India	Conference Paper
Gupta A., Sharma N., Jha A.	A study of	2020	AIP Conference Proceedings	2273	60008	Smit, Sikkim Manipal University 737132, India	Conference Paper
Mahto P.K., Das P.P., Chettri A., Bansal R.	A brief revi	2020	AIP Conference Proceedings	2273	50062	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India	Conference Paper

Mukherjee B., Sarkar A., Singh S., Kumar D.	Enhancem	2020	AIP Conference Proceedings	2273		50070			Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo-East, Sikkim, 737136, India	Conference Paper
Mishra S., Mallick P.K., Tripathy H.K., Bhoi A.K., González-Briones A.	Performan	2020	Applied Sciences (Switzerland)	10	22	8137	1	35	Kalinga Institute of Industrial Technology, School of Computer Engineering, Deemed to Be University, Bhubaneswar, 751024, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India; Research Group on Agent-Based, Social and Interdisciplinary Applications (GRASIA), Complutense University of Madrid, Madrid, 28040, Spain; BISITE Research Group, University of Salamanca, Calle Espejo s/n, Edificio Multiusos I + D + i, Salamanca, 37007, Spain; Air Institute, IoT Digital Innovation Hub, Calle Segunda 4, Salamanca, 37188, Spain	Article
Jha A., Jha S., Jha A.	Faunal dive	2020	Ecology, Environment and Conservation	26					SMIT (Sikkim Manipal University), Tadong, Sikkim, 737 132, India	Article
Chettri P., Sarma A., Okram G.S., Rao A., Deka U.	Plasma aug	2020	Physica Scripta	95	11	115810			Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim737136, India; North East Centre for Technology Application and Reach, Upper Nongrim Hills, ShillongMeghalaya 793003, India; UGC-DAE Consortium for Scientific Research, University Campus, Khandwa Road, Indore, M.P. 452017, India; Department of Physics, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, Karnataka 576104, India	Article
Tamang J., Pradhan B., Saha A.	Stable osci	2020	IEEE Transactions on Plasma Science	48	11	9222054	3982	3990	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, 737136, India	Article
Saha A., Tamang J., Wu G.-C., Banerjee S.	Superperio	2020	Communications in Theoretical Physics	72	11	115501			Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, 737136, India; Data Recovery Key Laboratory of Sichuan Province, College of Mathematics and Information Science, Neijiang Normal University, Neijiang, 641100, China; Department of Mathematical Sciences, Giuseppe Luigi Lagrange Politecnico di Torino, Corso Duca degli Abruzzi 24, Torino, Italy	Article
Dey T.K., Mukhopadhyay S.	AdS black h	2020	European Physical Journal C	80	11	1012			Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim, Sikkim 737136, India; Department of Physics, Sikkim University, 6th Mile, Gangtok, 737102, India	Article
Jha M., Roy S., Kalita J.K.	Prioritizing	2020	Computers in Biology and Medicine	126		104023			Department of Computer Science & Engineering, Sikkim Manipal Institute of Technology, Majitar, India; Department of Information Technology, North Eastern Hill University, Shillong, India; Network Reconstruction & Analysis (NetRA) Lab, Department of Computer Applications, Sikkim University, Gangtok, India; Department of Computer Science, University of Colorado, Colorado Springs, United States	Article
Ak T., Saha A., Dhawan S., Kara A.H.	Investigati	2020	Numerical Methods for Partial Differential Equations	36	6		1234	1253	Armutlu Vocational School, Yalova University, Yalova, Turkey; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India; Department of Mathematics, Central University of Haryana, Mahendragarh, Haryana, India; School of Mathematics, University of the Witwatersrand, Johannesburg, South Africa	Article

Anjum S., Gupta A., Kumari S., Gupta B.	Preparation	2020	International Journal of Polymeric Materials and Polymeric Biomaterials	69	16		1034	1042	Department of Textile Technology, Bioengineering Laboratory, Indian Institute of Technology, New Delhi, India; Department of Pathology, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, India	Article		
Das A., Saha A., Ghosh N.	Dynamical	2020	International Journal of Modern Physics B	34	27	2050255			Department of Mathematics, University of Kalyani, Kalyani, 741235, India; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, 737136, India	Article		
Ray J.K., Biswas P., Bera R., Sil S., Alfred Q.M.	TSN enable	2020	Proceedings of the 2020 International Conference on Computing, Communication and Security, ICCCS 2020					9277016	Sikkim Manipal Institute of Technology Sikkim Manipal University, Ece Department, Sikkim, India; University of Calcutta, A.K. Choudhury School of Information Technology, Kolkata, India; Aliah University, Ece Department, Kolkata, India	Conference Paper		
Sengupta A., Das D.K.	Design of D	2020	Proceedings of 2020 IEEE Applied Signal Processing Conference, ASPCON 2020					9276698	227	231	Smit Sikkim Manipal University, Department of Eee, Majitar, India; NIT Nagaland, Department of Eee, India	Conference Paper
Sengupta A., Kumar Pradhan S., Kumar Das D.	Mitigating	2020	Proceedings of 2020 IEEE Applied Signal Processing Conference, ASPCON 2020					9276695	152	157	Smit Sikkim Manipal University, Department of Eee, Majitar, India; NIT Nagaland, Department of Eee, India; NIT Nagaland, Department of Eee, India	Conference Paper
Kundu M., Dutta A., Sengupta A.	Design of n	2020	2020 IEEE International Conference on Computing, Power and Communication Technologies, GUCON 2020					9231179	709	713	SMIT Sikkim Manipal University, Department of EEE, Majitar, India	Conference Paper
Pradhan R., Panda A.	Performan	2020	International Journal of Electronics	107	10		1543	1558	Electrical and Electronics Engineering Department, National Institute of Technology, Sikkim, India; Electrical and Electronics Engineering Department, Sikkim Manipal Institute of Technology, Majitar, India	Article		
Tamang J., Abdikian A., Saha A.	Phase plan	2020	Physica Scripta	95	10	105604			Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, 737136, India; Department of Physics, Malayer University, Malayer, 65719-95863, Iran	Article		
Cortez P.A., Joseph S.J., Das N., Bhandari S.S., Shoib S.	Tools to m	2020	Asian Journal of Psychiatry	53				102371			Universidade Metodista de São Paulo, Brazil; Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University (SMU), Gangtok, Sikkim, India; All India Institute of Medical Sciences (AIIMS), New Delhi, India; Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University (SMU), Gangtok, Sikkim, India; Department of Psychiatry, Jawahar Lal Nehru Memorial Hospital, Srinagar, Jammu and Kashmir, India	Letter
Das S., Chakraborty M., Chakraborty S., Shukla A., Acharya R.	Experiment	2020	Advances in Space Research	66	7		1551	1557	Discipline of Astronomy, Astrophysics and Space Engineering, Indian Institute of Technology Indore, India; JIS College of Engineering, Kalyani, Nadia, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo, India; Space Applications Centre, ISRO, Ahmedabad, India	Article		
Shaikh A., Singh A., Ghose D., Shabbiruddin	Analysis an	2020	International Journal of Management Science and Engineering Management	15	4		265	273	Electrical and Electronics Engineering Department, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, India; Electrical and Electronics Engineering Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Article		
Joseph S.J., Gonçalves A.P., Paul A., Bhandari S.S.	Theoretical	2020	Asian Journal of Psychiatry	53				102221			Department of Psychiatry, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim 737102, India; PUC Minas, USF, Brazil; Department of Psychology, Sikkim University, 6th Mile, Samdur, Tadong, Gangtok, Sikkim 737102, India	Letter

Phipon R., Shivakoti I., Kalita K., Kibria G., Sharma A., Ghadai R.K.	Laser beam	2020	Materials and Manufacturing Processes	35	12	1372	1382	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, India; Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala RD Institute of Science and Technology, Avadi, Chennai, India; Department of Mechanical Engineering, Aliah University, Kolkata, India	Article
Singh Bhandari S., Joseph S.J., Udayasankaran J.G., Konthoujam B., Shoib S., Dutta S.	Telepsychiatry	2020	Indian Journal of Psychological Medicine	42	5	500	502	Dept. of Psychiatry, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim, India; Healthcare Information Technology and Telehealth, Sri Sathya Sai Central Trust, Prasanthi Nilayam, Puttaparthi, Andhra Pradesh, India; Dept. of Community Medicine, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim, India; Dept. of Psychiatry, Jawahar Lal Nehru Memorial Hospital, Srinagar, Jammu and Kashmir, India	Letter
Yadav A., Singh V.K., Yadav P., Beliya A.K., Bhoi A.K., Barsocchi P.	Design of circuit	2020	Electronics (Switzerland)	9	9	1366	17	Electronics and Communication Engineering, Krishna Engineering College, Ghaziabad, 201007, India; Electrical Engineering, S.R. Group of Institutions, Jhansi, 284002, India; Research & Development, Ultra-Light Technology, Bhopal, 462041, India; Department of Physics, Govt. C.V.C., Dindori, 481880, India; Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, 737136, India; Institute of Information Science and Technologies, National Research Council, Pisa, 56124, Italy	Article
Diyaley S., Aditya A., Chakraborty S.	Optimization	2020	OPSEARCH	57	3	746	764	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Mazitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, India	Article
Das P.P., Chakraborty S.	Lexicography	2020	OPSEARCH	57	3	700	715	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India	Article
Phipon R., Shivakoti I., Sharma A.	Sustainable	2020	World Journal of Engineering	17	5	687	695	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, India	Article
Paul A., Verma B., Chakraborty D.	Estimating	2020	Spatial Information Research	28	4	469	473	Regional Remote Sensing Centre East, NRSC, ISRO, Kolkata, 100163, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Rangpo, Sikkim, India	Article
Kumar V., Diyaley S., Chakraborty S.	Teaching-learning	2020	Facta Universitatis, Series: Mechanical Engineering	18	2	281	300	Central Institute of Mining and Fuel Research, Dhanbad, Jharkhand, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India	Article
Bhuiyan C.	Application	2020	Arabian Journal of Geosciences	13	15	752		Department of Civil Engineering, Sikkim Manipal Institute of Technology, Majhitar, Rangpo, Sikkim 737136, India	Article
Tamang J., Saha A.	Dynamical	2020	Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences	75	8	687	697	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, 737136, India	Article

Medhi G., Parida S., Nicholson P., Senapati S.B., Padhy B.P., Pereira V.M.	Mechanica	2020	World Neurosurgery	140			148	161	Department of Radiology (Interventional Radiology), Sikkim Manipal Institute of Medical Sciences, Central Referral Hospital Sikkim, India; Department of Neurosurgery, Sikkim Manipal Institute of Medical Sciences, Central Referral Hospital Sikkim, India; Department of Neuroradiology, Care Hospital, Hyderabad, India; Department of Neurology, Care Hospital, Hyderabad, India; Division of Neuroradiology, Toronto Western Hospital, University of Toronto, Toronto, ON, Canada; Division of Neurosurgery, Department of Surgery, Toronto Western Hospital, University of Toronto, Toronto, ON, Canada	Article
Lucksom P.G., Mathai S., Bhaumik J., Ghosh A.	Evaluation	2020	Journal of Obstetrics and Gynecology of India	70	4		289	294	Sikkim Manipal Institute of Medical Sciences, 5th Mile Tadong, East Sikkim, 737102, India; Tata Medical Center, 14 MAR New Town, Rajarhat, Kolkata, 700156, India	Article
Konar D., Bhattacharyya S., Gandhi T.K., Panigrahi B.K.	A Quantum	2020	Applied Soft Computing Journal	93		106348			Department of Electrical Engineering, Indian Institute of Technology Delhi, New Delhi, India; Department of Computer Science and Engineering, CHRIST (Deemed to be University), Bangalore, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University Sikkim, India	Article
Sinha S., Devi N.A., Nongthombam S., Bhujel R., Rai S., Sarkar G., Swain B.P.	Investigati	2020	Diamond and Related Materials	107			107885		Department of Physics, National Institute of Technology Manipur, Langol, Imphal West, 795004, India; Centre for Materials Science and Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University 737136, India; University Science Instrumentation Centre, North Bengal University West Bengal 734013, India	Article
Tamang J.S., Borbora H., Sutar A., Dhar R.S., Chatterjee S.	Influence o	2020	Plasmonics	15	4		1133	1140	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India; Department of Electronics and Communication Engineering, National Institute of Technology, Mizoram, India; Centre for Material Science & Nano Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India	Article
Singh A., Jha A., Purbey S.	Perceived f	2020	Home Health Care Management and Practice	32	3		134	140	Sikkim Manipal University, Gangtok, India; Sikkim Manipal Institute of Technology, Gangtok, India; Development Management Institute, Patna, India	Article
Ganesh N., Ghadai R.K., Bhoi A.K., Kalita K., Gao X.-Z.	An intellige	2020	CMES - Computer Modeling in Engineering and Sciences	124	2		459	476	Department of Computer Science and Engineering, Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai, 600062, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, 737136, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, 737136, India; Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, 600062, India; School of Computing, University of Eastern Finland, Kuopio, 70211, Finland	Article

Mishra S., Tripathy H.K., Mallick P.K., Bhoi A.K., Barsocchi P.	Eaga-mlp	2020	Sensors (Switzerland)	20	14	4036	1	34	School of Computer Engineering, Kalinga Institute of Industrial Technology, Deemed to be University, Bhubaneswar, 751024, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, Sikkim 737136, India; Institute of Information Science and Technologies, National Research Council, Pisa, 56124, Italy	Article
Rastogi P., Singh D., Mishra A., Gupta S.	Stature est	2020	Journal of Indian Academy of Forensic Medicine	42	3		189	192	Department of Forensic Medicine, Kasturba Medical College, Manglore, Manipal Academy of Higher Education, Manipal, Karnataka, India; Department of Otorhinolaryngology, Manipal Tata Medical College, Jamshedpur, Jharkhand, India; Department of Forensic Medicine, Sikkim Manipal University, Sikkim Manipal Institute of Medical Sciences, Gangtok, Sikkim, India; Sikkim Manipal University, Sikkim Manipal College Of Physiotherapy, Gangtok, Sikkim, India	Article
Medhi G., Gupta A., Saini J., Ramalingaiah A., Pendharkar H., Parida S.	Pial arterio	2020	Indian Journal of Radiology and Imaging	30	3		286	293	Department of Neuroimaging and Interventional Radiology, National Institute of Mental Health and Neurosciences, Hosur Road, Bangalore, Karnataka, 560 029, India; Radiology Interventional Radiology, Sikkim Manipal Institute of Medical Sciences, Gangtok, Sikkim, India; Care Hospital, Hyderabad, Telangana, India	Article
Sinha S., Nongthombam S., Devi N.A., Rai S., Bhujel R., Singh W.I., Biswas A., Swain B.P.	Conduction	2020	Proceedings of 2nd International Conference on VLSI Device, Circuit and System, VLSI DCS 2020					9179888	National Institute of Technology Manipur, Department of Physics, Imphal, Manipur, 795004, India; Sikkim Manipal Institute of Technology, Centre for Materials Science and Nanotechnology, Majhitar, Sikkim, 737136, India; Kazi Nazrul University, School of Mines and Metallurgy, Asansol, West Bengal, 713340, India	Conference Paper
Chettri B., Sharma B., Thapa A., Chettri P., Sharma B.	Performan	2020	Proceedings of 2nd International Conference on VLSI Device, Circuit and System, VLSI DCS 2020					9179854	Sikkim Manipal Institute of Technology, Dept. of Physics, Majitar, 737136, India; Sikkim Manipal Institute of Technology, Dept. of Electronics and Comm. Engg, Majitar, 737136, India	Conference Paper
Nongthombam S., Sinha S., Devi N.A., Rai S., Bhujel R., Singh W.I., Prasad Swain B.	Charge Tra	2020	Proceedings of 2nd International Conference on VLSI Device, Circuit and System, VLSI DCS 2020					9179877	National Institute of Technology, Department of Physics, Imphal West, Manipur, 795004, India; Sikkim Manipal University, Centre for Materials Science and Nanotechnology, Rangpo, Sikkim, 737136, India	Conference Paper
Devi N.A., Nongthombam S., Sinha S., Bhujel R., Rai S., Singh W.I., Prasad Swain B.	Correlation	2020	Proceedings of 2nd International Conference on VLSI Device, Circuit and System, VLSI DCS 2020					9179905	National Institute of Technology, Department of Physics, Imphal, Manipur, 795004, India; National Institute of Technology Manipur, Department of Physics, Imphal, Manipur, 795004, India; Sikkim Manipal Institute of Technology Majhitar, Centre for Materials Science and Nanotechnology, Rangpo, Sikkim, 737136, India; Manipur Langol, Department of Physics NIT, Imphal, Manipur, 795004, India	Conference Paper
Singh Tamang J., Sankar Dhar R.	Significanc	2020	Proceedings of 2nd International Conference on VLSI Device, Circuit and System, VLSI DCS 2020					9179853	Sikkim Manipal University, Electronics and Communication Engineering Department 737136, India; National Institute of Technology, Electronics and Communication Engineering Department, Mizoram, 796012, India	Conference Paper
Tongbram B.D., Singh T.S., Tsering D.C.	Evaluation	2020	Journal of Natural Science, Biology and Medicine	11	2		176	178	Department of Microbiology, Sikkim Manipal Institute of Medical Sciences, Gangtok, Sikkim, India	Article

Shivakoti I., Rodrigues L.L.R., Cep R., Pradhan P.M., Sharma A., Bhoi A.K.	Experiment	2020	Materials	13	14	3137			Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, 737136, India; Department of Humanities and Management, Manipal Institute of Technology, Manipal Academy of Higher Education, Mangalore, 576104, India; VSB-TU Ostrava, Faculty of Mechanical Engineering, 17. listopadu 2172/15, Ostrava, 708 00, Czech Republic; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, 737136, India	Article
Kalita K., Ghadai R.K., Cepova L., Shivakoti I., Bhoi A.K.	Memetic c	2020	Materials	13	14	3047			Department of Mechanical Engineering, Vel Tech Rangarajan Dr Sagunthala R and D Institute of Science and Technology, Avadi, 600 062, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, 737 136, India; VSB-TU Ostrava, Faculty of Mechanical Engineering, 17. listopadu 2172/15, Ostrava, 708 00, Czech Republic; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, 737 136, India	Article
Sahoo P.C., Bhutia K.M.D., Mishra A.	A four year	2020	Indian Journal of Forensic Medicine and Toxicology	14	3		49	55	SMIMS, Sikkim Manipal University, India	Article
Abdikian A., Tamang J., Saha A.	Electron-ac	2020	Communications in Theoretical Physics	72	7	75502			Department of Physics, Malayer University, Malayer, 65719-95863, Iran; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, Rangpo, East-Sikkim, 737136, India	Article
Ganesh N., Dutta P., Ramachandran M., Bhoi A.K., Kalita K.	Robust me	2020	Engineering with Computers	36	3		1041	1058	Department of Computer Science and Engineering, Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai, 600 062, India; Department of Aerospace Engineering and Applied Mechanics, Indian Institute of Engineering, Science and Technology, Howrah, 711 103, India; Department of Mechanical Engineering, MPSTME SVKM'S Narsee Monjee Institute of Management Studies, Shirpur, 425 405, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, 737136, India	Article
Tsang A.C.O., Yang I.-H., Orru E., Nguyen Q.-A., Pamatmat R.V., Medhi G., Wan Y., Huang S.	Overview c	2020	International Journal of Stroke	15	5		516	520	Division of Neurosurgery, Department of Surgery, The University of Hong Kong, Pok Fu Lam, Hong Kong; Division of Neuroradiology, Joint Department of Medical Imaging, Toronto Western Hospital, Toronto, Canada; Department of Medical Imaging, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan; Bach Mai Radiology Center, Hanoi Medical University, Hanoi, Viet Nam; Department of Neurology, The Medical City, Pasig, Philippines; Department of Radiology, Sikkim Manipal Institute of Medical Sciences, Sikkim, India; Department of Neurology, The Third People's Hospital of Hubei, Wuhan, China; Institute of Neurology, Yichang Central People's Hospital, China	Article
Dutta R., Tamang T., Paul P., Paitya N.	Comparati	2020	Proceedings of the 4th International Conference on Trends in Electronics and Informatics, ICOEI 2020			9142891	137	142	Surendra Institute of Engineering Management, Maulana Abul Kalam Azad University of Technology, Dept. of Electronics and Communication Engineering West Bengal, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Dept. of Electronics and Communication Engineering, Sikkim, India	Conference Paper

Joseph S.J., Bhandari S.S., Ranjitkar S., Dutta S.	School Clos	2020	Psychiatria Danubina	32	2	309	310	Department of Psychiatry, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim 737102, India	Article
Chakraborty S., Pradhan R., Ashour A.S., Moraru L., Dey N.	Grey-wolf-	2020	Entropy	22	6	659		Department of Computer Applications, SMIT, Sikkim Manipal University, Sikkim, 737136, India; Department of Electronics and Electrical Communications Engineering, Faculty of Engineering, Tanta University, Tanta, 31527, Egypt; Department of Chemistry, Physics and Environment, Faculty of Sciences and Environment, Dunarea de Jos University of Galati, 47 Domneasca Str., Galati, 800008, Romania; Department of Information Technology, Techno International New Town, West Bengal, 700156, India	Article
Yadav A., Singh V.K., Bhoi A.K., Marques G., Garcia-Zapirain B., Díez I.T.	Wireless b	2020	Micromachines	11	6	558		Department of ECE, Krishna Engineering College, Ghaziabad, 201007, India; Department of Electrical Engineering, S.R. Group of Institutions, Jhansi, U.P., 284002, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, 737136, India; Instituto de Telecomunicações, Universidade da Beira Interior, Covilhã, 6201-001, Portugal; eVIDA Research Group, University of Deusto, Avda/Universidades 24, Bilbao, 48007, Spain; Department of Signal Theory and Communications and Telematics Engineering, University of Valladolid, Paseo de Belén 15, Valladolid, 47011, Spain	Article
Sur S.N., Bera R., Bhoi A.K., Shaik M., Marques G.	Capacity ar	2020	Information (Switzerland)	11	6	301		Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, 737136, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, 737136, India; Department of Electrical Engineering, Muffakhm Jah College of Engineering and Technology, Hyderabad, 500034, India; Instituto de Telecomunicações, Universidade da Beira Interior, Covilhã, 6201-001, Portugal	Article
Ghadai R.K., Kalita K.	Accurate e	2020	International Journal of Materials Research	111	6	453	462	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, 600062, India	Article
Diyaley S., Chakraborty S.	An Analysis	2020	Journal of Advanced Manufacturing Systems	19	2	249	276	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India	Article
Prasad P.K., Gowrisankar A., Saha A., Banerjee S.	Dynamical	2020	Physica Scripta	95	6	65603		Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, 737136, India; Department of Mathematics, School of Advance Sciences, Vellore Institute of Technology, Vellore, Tamil Nadu, India; Institute for Mathematical Research, Universiti Putra Malaysia, Serdang, Malaysia	Article
Dutta N., Sarma H.K.D.	A Scheme f	2020	Proceedings of the National Academy of Sciences India Section A - Physical Sciences	90	2	371	382	Department of Computer Science and Engineering, MEF Group of Institutions, Rajkot, Gujarat 360003, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, East Sikkim, Sikkim 737136, India	Article

Nongthombam S., Devi N.A., Sinha S., Bhujel R., Rai S., Ishwarchand W., Laha S., Swain B.P.	Reduced gr	2020	Journal of Physics and Chemistry of Solids	141		109406		Department of Physics, National Institute of Technology Manipur, Langol, Imphal West795004, India; Centre for Materials Science and Nanotechnology, Sikkim Manipal University, Majitar, Rangpo, 737136, India; University Science Instrumentation Centre, North Bengal UniversityWest Bengal 734013, India	Article
Das S., Guha S., Das P.P., Ghadai R.K.	Analysis of	2020	Ceramics International	46	8	10292	10298	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, Sikkim 737136, India; School of Mechanical Engineering, KIIT University, Bhubaneswar, Odisha 751024, India	Article
Diyaley S., Chakraborty S.	Metaheuris	2020	OPSEARCH	57	2	414	437	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, India	Article
Das P.P., Chakraborty S.	Parametric	2020	OPSEARCH	57	2	513	540	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India	Article
Chettri P., Deka U., Rao A., Nagaraja K.K., Okram G.S., Petwal V.C., Verma V.P., Dwivedi J.	Effect of hi	2020	Physica B: Condensed Matter	585		412119		Department of Physics, Sikkim Manipal Institute of Technology, Sikkim Manipal UniversitySikkim 737136, India; Department of Physics, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, Karnataka 576104, India; UGC-DAE Consortium for Scientific Research, University Campus, Khandwa Road, Indore, M.P. 452017, India; Industrial Accelerator Section, PSIAD, Raja Ramanna Centre for Advanced Technology, Indore, M.P. 452012, India	Article
Rai P., Ghose M.K., Sarma H.K.D.	Design of u	2020	Indonesian Journal of Electrical Engineering and Computer Science	22	2	405	415	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Computer Engineering and Applications, Gia University, Mathura (UP), India	Article
Pokhrel K., Dutta N., Ghose M.K., Sarma H.K.D.	Performan	2020	International Journal of Computer Networks and Applications	7	3	62	81	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Majhitar, Sikkim, India; Faculty of Technical Science, Jan Wyzykowski University, Polokwane, Poland; Dean (A) (Retd.), Sikkim Manipal Institute of Technology, Majhitar, Sikkim, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majhitar, Sikkim, India	Article
Zaman F.A., Kundapur R.	Testing and	2020	Indian Journal of Community Health	32	2 Special Issue	228	230	Department of Community Medicine, Sikkim Manipal Institute of Medical Sciences, Gangtok, Sikkim 737102, India; Dept of Community Medicine, K.S. Hegde Medical Academy, Nitte University, Mangalore, Karnataka 18, India	Article
Singh A.K., Prabhakar K.K., Reddy C.U., Kumar P.	A Lookup T	2020	SAE International Journal of Electrified Vehicles	9	1			Indian Institute of Technology, Guwahati, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, India	Article
Banerjee P., Ghose M.K., Pradhan R.	Analytic hi	2020	Geocarto International	35	5	470	493	Department of Computer Science & Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, Sikkim, India; Department of Computer Applications, Sikkim University, Gangtok, Sikkim, India; Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, Sikkim, India	Article

Bag N., Bag A.	Antimetast	2020	Nutrition and Cancer	72	3	365	376	Department of Horticulture, Sikkim University, Gangtok, India; Department of Medical Biotechnology, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, India	Review	
Arpita Sarkar, Soumya Kanti Biswas	Mesoporou	2020	Catalysis in Industry	12	2	110	118	Department of Basic and Applied Sciences, Brainware University, Barasat, Kolkata, West Bengal, 700125, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, 737136, India	Article	
Saha A., Das A.	Dynamical	2020	International Journal of Modern Physics C	31	4	2050059		Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, 737136, India; Department of Mathematics, University of Kalyani, Kalyani, 741235, India	Article	
Devi N.A., Ms., Nongthombam S., Ms., Sinha S., Mr., Bhujel R., Ms., Rai S., Ms, Singh W.I., Mr., Dasgupta P., Dr., Swain B.P.	Investigati	2020	Diamond and Related Materials	104		107756		Department of Physics, National Institute of Technology Manipur, Langol, Imphal West, 795004, India; Centre for Materials Science and Nanotechnology, Sikkim Manipal University, Rangpo, 737136, India; University Science Instrumentation Centre, North Bengal University West Bengal 734013, India	Article	
Basnet P., Chatterjee S.	Structure-c	2020	Nano-Structures and Nano-Objects	22		100426		Centre for Materials Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Review	
Adhyapok S., Kumar Deva Sarma H.	Review on	2020	2020 International Conference on Computer Science, Engineering and Applications, ICCSEA 2020			9132961		Sikkim Manipal Institute of Technology, Dept of Information Technology, Sikkim, 737136, India	Conference Paper	
Das S., Chakraborty S., Gupta C., Lamichaney R., Rahman H.	Effect of ur	2020	Iranian Journal of Otorhinolaryngology	32	2	73	78	Department of ENT, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, 5th Mile, Tadong, Gangtok, Sikkim, 737102, India; Department of ENT, Neigrihms, Shillong, India; Department of Biochemistry, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, 5th Mile, Tadong, Gangtok, Sikkim, 737102, India; Department of Pathology, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, 5th Mile, Tadong, Gangtok, Sikkim, 737102, India; Department of Obstetrics and Gynecology, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, 5th Mile, Tadong, Gangtok, Sikkim, 737102, India	Article	
Das S., Gupta M., Sharma A., Swain B.P.	Micro-struc	2020	Materials Science- Poland	38	1	122	131	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, 737136, India; UGC-DAE Consortium for Scientific Research, University Campus, Khandwa Road, Indore, 452001, India; Department of Physics, National Institute of Technology, Manipur, 795004, India	Article	
Adhyapok S., Sarma H.K.D.	Review on	2020	2nd International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2020 - Conference Proceedings			9074932	503	509	Sikkim Manipal Institute of Technology, Department of Information Technology, Sikkim, 737136, India	Conference Paper
Saha A., Sarkar S., Banerjee S., Mondal K.K.	Signature c	2020	European Physical Journal: Special Topics	229	06-Jul	979	988	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, 737136, Rangpo, East-Sikkim, India; Department of Mathematics, Cooch Behar Panchanan Barma University, Cooch Behar, West Bengal, India; Institute for Mathematical Research, Universiti Putra Malaysia, Serdang, Malaysia; Malaysia-Italy Centre of Excellence for Mathematical Science, University Putra Malaysia, Serdang, Malaysia	Article	
Chapagai D.P., Tamang J., Saha A.	Bifurcation	2020	Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences	75	3	183	191	Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim, 737136, India	Article	

Dey R., Dutta S., Bhandari S.	Sleep quali	2020	Indian Journal of Psychological Medicine	42	2	141	146	Department of Psychiatry, Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University, Gangtok, Sikkim, 737102, India	Article
Gajamer V.R., Bhattacharjee A., Paul D., Ingti B., Sarkar A., Kapil J., Singh A.K., Pradhan N., Tiwari H.K.	High preva	2020	Journal of Global Antimicrobial Resistance	20		197	203	Department of Microbiology, Sikkim University, Gangtok, Sikkim, India; Department of Microbiology, Assam University Assam, India; Department of Microbiology, North Bengal Medical College, Siliguri, West Bengal, India; Department of Microbiology, Sikkim Manipal Institute of Medical Sciences, Gangtok, Sikkim, India	Article
Chutia D., Borah N., Baruah D., Bhattacharyya D.K., Raju P.L.N., Sarma K.K.	An effectiv	2020	Applied Geomatics	12	1	95	105	North Eastern Space Applications Centre, Department of Space, Government of India, Umiam, Meghalaya 793103, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, East Sikkim, 737136, India; Department of Computer Science and Engineering, Tezpur University, Napaam, Assam 784028, India	Article
Nath Sur S., Bera R.	Lattice Red	2020	2020 URSI Regional Conference on Radio Science, URSI-RCRS 2020 - Proceedings			9113607		Sikkim Manipal University, Sikkim Manipal Institute of Technology, East Sikkim, 737136, India	Conference Paper
Mondal S., Nandi D., Bera R.	V2X Comm	2020	2020 URSI Regional Conference on Radio Science, URSI-RCRS 2020 - Proceedings			9113571		Surendra Institute of Engineering Management, Department of Electronics and Communication Engineering, Siliguri, West Bengal, India; Indian Institute of Information Technology, Department of Electronics and Communication Engineering, Kalyani, West Bengal, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Department of Electronics and Communication Engineering, Sikkim, India	Conference Paper
Biswas A.S., Nath Sur S., Bera R., Mitra M.	4K UHD Vic	2020	2020 URSI Regional Conference on Radio Science, URSI-RCRS 2020 - Proceedings			9113600		Techno International New Town, Department of Electronics and Communication Engineering, Kolkata, India; Sikkim Manipal University, Department of Electronics and Communication Engineering, Sikkim, India; Iest Shibpur, Department of Electronics and Telecommunication Engineering, Howrah, India	Conference Paper
Pooja Verma A., Swastika Chakraborty B.	Performan	2020	2020 URSI Regional Conference on Radio Science, URSI-RCRS 2020 - Proceedings			9113522		Smu, Sikkim Manipal Institute of Technology, Sikkim, 737136, India	Conference Paper
Verma A.P., Swastika Chakraborty B.	Now castin	2020	2020 URSI Regional Conference on Radio Science, URSI-RCRS 2020 - Proceedings			9113563		Smu, Sikkim Manipal Institute of Technology, Sikkim, 737136, India	Conference Paper
Marques G., Miranda N., Bhoi A.K., Garcia-zapirain B., Hamrioui S., Díez I.L.T.	Internet of	2020	Sensors (Switzerland)	20	3	720		Polytechnic Institute of Guarda, Guarda, 6300-559, Portugal; Institute of Telecommunications, University of Beira Interior, Covilhã, 6200-001, Portugal; Department of Electrical & Electronics Engineering Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Majhitar, Sikkim 737136, India; eVIDA research group, University of Deusto, Avda/Universidades 24, Bilbao, 48007, Spain; Polytech School, University of Nantes, CNRS, IETR, UMRS 6164, La Roche-sur-Yon, 85000, France; Department of Signal Theory and Communications, and Telematics Engineering University of Valladolid, 12 Paseo de Belén, 15, Valladolid, 47011, Spain	Article
Basnet P., Samanta D., Chanu T.J., Jha S., Chatterjee S.	Glycine-A b	2020	Journal of Materials Science: Materials in Electronics	31	4	2949	2966	Centre for Material Science and Nanotechnology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; Department of Chemistry, Nar Bahadur Bhandari Degree College, Gangtok, Sikkim, India; Department of Chemistry, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India	Article

Das S., Ghadai R., Guha S., Sharma A., Swain B.P.	Correlation	2020	Arabian Journal for Science and Engineering	45	2	967	975	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Majitar, Rangpo-East Sikkim, 737136, India; School of Mechanical Engineering, Kalinga Institute of Industrial Technology Bhubaneswar, Bhubaneswar, 751024, India; Department of Physics, National Institute of Technology, Manipur, Imphal, 795004, India	Article
Gautam B., Verma P., Singha A., Islam H., Prakash O., Das S.	Design of n	2020	Microwave and Optical Technology Letters	62	2	743	749	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University Sikkim, India; Department of Electronics and Communication Engineering, St. Mary's Engineering College Telangana, India	Article
Gandhi T., Bhattacharyya S., De S., Konar D., Dey S.	Advanced f	2020	Advanced Machine Vision Paradigms for Medical Image Analysis			1	289	Department of Electrical Engineering, Indian Institute of Technology, Delhi, New Delhi, India; Christ University, Department of Computer Science and Engineering, Karnataka, Bangalore, India; Cooch Behar Government Engineering College, Department of Computer Science and Engineering, West Bengal, Cooch Behar, India; Sikkim Manipal Institute of Technology, Department of Computer Science and Engineering, Sikkim Manipal University, Sikkim, Majitar, India; Sukanta Mahavidyalaya, Department of Computer Science, West Bengal, Dhugguri, Jalpaiguri, India	Book
Dey S., Konar D., De S., Bhattacharyya S.	Conclusion	2020	Advanced Machine Vision Paradigms for Medical Image Analysis			273	277	Sukanta Mahavidyalaya, Department of Computer Science, West Bengal, Dhugguri, Jalpaiguri, India; Sikkim Manipal Institute of Technology, Department of Computer Science and Engineering, Sikkim Manipal University, Sikkim, Majitar, India; Cooch Behar Government Engineering College, Department of Computer Science and Engineering, West Bengal, Cooch Behar, India; Christ University, Department of Computer Science and Engineering, Karnataka, Bangalore, India	Book Chapter
Dey S., Konar D., De S., Bhattacharyya S.	An introdu	2020	Advanced Machine Vision Paradigms for Medical Image Analysis			1	9	Sukanta Mahavidyalaya, Department of Computer Science, West Bengal, Dhugguri, Jalpaiguri, India; Sikkim Manipal Institute of Technology, Department of Computer Science and Engineering, Sikkim Manipal University, Sikkim, Majitar, India; Cooch Behar Government Engineering College, Department of Computer Science and Engineering, West Bengal, Cooch Behar, India; Christ University, Department of Computer Science and Engineering, Karnataka, Bangalore, India	Book Chapter
Jha A., Jha S., Sherap S., Mallik R., Jha A.	Nutrition-b	2020	Ecology, Environment and Conservation	26		S104	S108	Sikkim Manipal Institute of Technology Majitar, SMIT, Sikkim Manipal University, East Sikkim, Rangpo, 737 132, India; Government of Sikkim, India; Centre for Development Research, Sustainability and Technical Advancement, India	Article
Dutta R., Subash T.D., Paitya N.	Extended g	2020	Materials Today: Proceedings	43		3715	3719	Dept. of Ece, Sikkim Manipal Institute of Technology, Sikkim, 737136, India; Dept. of Eee, Mangalam College of Engineering, Kottayam, Kerala 686631, India	Conference Paper
Bhoi A.K., Sherpa K.S., Chae G.-S., Kalam A.	Preface	2020	Green Energy and Technology			v	vi	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology Rangpo, Sikkim, India; Sikkim Manipal University Gangtok, Sikkim, India; Division of Information and Communication Baekseok University, Cheonan-si, South Korea; Smart Energy Research Unit College of Engineering and Science Victoria University, Footscray, Melbourne, VIC, Australia	Editorial

Panigrahi R., Pramanik M., Chakraborty U.K., Bhoi A.K.	Survivabilit	2020	International Journal of Computer Applications in Technology	64	4	349	360	Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India	Article
Reyana A., Krishnaprasath V.T., Kautish S., Panigrahi R., Shaik M.	Decision-m	2020	International Journal of Computer Applications in Technology	64	4	375	381	Department of Computer Science and Engineering, Nehru Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India; Department of Computer Science and Engineering, Lord Buddha Education Foundation (LBEF) Campus, Kathmandu, Nepal; Department of Computer Science Applications, Sikkim Manipal University, Gantok, Sikkim, India; Department of Electrical Engineering, Muffakham Jah College of Engineering and Technology, Hyderabad, Telangana, India	Article
Agarwal A., Pradhan P.C., Swain B.P.	Performan	2020	International Journal of Computer Applications in Technology	64	4	332	338	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; Department of Physics, National Institute of Technology, Imphal, Manipur, 795004, India	Article
Bhatt T.V., Patel R.K., Chitara H.B., Marques G., Bhoi A.K.	Fuzzy logic	2020	International Journal of Computer Applications in Technology	64	4	339	348	Department of Biomedical Engineering, Ganpat University, U.V. Patel College of Engineering, Gozaria, Gujarat, 384012, India; Instituto de Telecomunicações, Universidade da Beira Interior, Covilhã, 6201-001, Portugal; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Sikkim, Majitar, 737136, India	Article
Bhoi A.K., Gupta D., Mallick P.K., Liu C.-M.	Editorial	2020	International Journal of Computer Applications in Technology	64	4	329	331	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University (SMU), Majitar, Rangpo, East Sikkim, India; Department of Computer Science and Engineering, Maharaja Agrasen Institute of Technology, Sector-22, Rohini, Delhi, India; School of Computer Engineering, KIIT Deemed to be University, Bhubaneswar, Odisha, India; Department of Computer Science and Information Engineering, National Taipei University of Technology (Taipei Tech), Taipei, 106, Taiwan	Editorial
Sharma A., Vermaa C., Mukhopadhyay S., Gupta A., Gupta B.	Structural	2020	Trends in Carbohydrate Research	12	2	26	31	Bioengineering Laboratory, Department of Textile and Fibre Engineering, Indian Institute of Technology, New Delhi, 110016, India; Department of Textile and Fiber Engineering, Indian Institute of Technology, New Delhi, 110016, India; Sikkim Manipal Institute of Medical Sciences, Tadong, Gangtok, Sikkim, India	Article
Islam H., Das S., Bose T., Ali T.	Diode base	2020	IEEE Access	8		185429	185444	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, 737136, India; Department of Electronics and Communication, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, 576104, India	Article

Vikram K., Ragavendran U., Kalita K., Ghadai R.K., Gao X.Z.	Hybrid met	2020	Computers, Materials and Continua	66	2	1771	1784	Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, 600062, India; Department of Electronics and Telecommunication Engineering, MPSTME SVKM'S Narsee Monjee Institute of Management Studies, Shirpur, 425405, India; Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, 737136, India; School of Computing, University of Eastern Finland, Kuopio, 70211, Finland	Article
Beheshti M., Ardebili A., Beheshti F., Lari A.R., Siyadatpanah A., Pournajaf A., Gautam D., Dolma K.G., Nissapatorn V.	Tetracyclin	2020	Revista do Instituto de Medicina Tropical de Sao Paulo	62		e88		Tehran University of Medical Sciences, Faculty of Medicine, Department of MicrobiologyTehran, Iran; Golestan University of Medical Sciences, Laboratory Sciences Research Center, Gorgan, Iran; Golestan University of Medical Sciences, Faculty of Medicine, Department of Microbiology, Gorgan, Iran; Semnan University of Medical Sciences, Research Center of BiotechnologySemnan, Iran; Semnan University of Medical Sciences, School of Medicine, Department of BiotechnologySemnan, Iran; Semnan University of Medical Sciences, Student Research CommitteeSemnan, Iran; Iran University of Medical Sciences, Faculty of Medicine, Department of MicrobiologyTehran, Iran; Birjand University of Medical Sciences, Ferdows School of Paramedical and Health, Birjand, Iran; Babol University of Medical Sciences, Infectious Diseases and Tropical Medicine Research Center, Babol, Iran; Walailak University, School of Allied Health Science, Research Excellence Center for Innovation and Health ProductsNakhon Si Thammarat, Thailand; Sikkim Manipal Institute of Medical Sciences, Department of MicrobiologySikkim, India	Article
Pati S.P., Mishra D., Borah S.	A Biologica	2020	International journal of online and biomedical engineering	16	10	116	132	Sikhsa 'O' Anusandhan Deemed to be UniversityOdisha, India; Sikkim Manipal University, Sikkim, India	Article
Sur S.N., Singh A.K., Chettri P., Bera R.	Low-cost to	2020	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	79	16	1479	1487	Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, Sikkim, 737136, India	Article
Singh A., Ghadai R.K., Kalita K., Chatterjee P., Pamučar D.	EDM proce	2020	Facta Universitatis, Series: Mechanical Engineering	18	3	473	490	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, India; Department of Mechanical Engineering, Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science & Technology, India; Department of Mechanical Engineering, MCKV Institute of Engineering, India; Informetrics Research Group, Ton Duc Thang University, Ho Chi Minh City, Viet Nam; Faculty of Civil Engineering, Ton Duc Thang University, Ho Chi Minh City, Viet Nam	Article

Bhoi P., Swain D.K., Mishra S., Mishra D., Santra G.H., Borah S.	Stochastic	2020	Lecture Notes in Electrical Engineering	686			1135	1140	Department of Agricultural Economics, FAS, Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar, Odisha 751030, India; Department of Agricultural Statistics, FAS, Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar, Odisha 751030, India; Department of Computer Science and Application, CPGS, OUAT, Bhubaneswar, Odisha 751030, India; Department of Computer Science and Engineering, ITER, Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar, Odisha 751030, India; Department of Soil Science and Agricultural Chemistry, FAS, Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar, Odisha 751030, India; Department of Computer Applications, Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper
Bhanja A., Poddar P., Bhutia R.N., Burman S., Poddar R.N.	Use of Kirs	2020	Medical Journal Armed Forces India						Associate Professor (Oral & Maxillofacial Surgery), Sikkim Manipal Institute of Medical Sciences, Gangtok, India; Senior Lecturer (Public Health Dentistry), KSD Jain Dental College & Hospital, Kolkata, India; Associate Professor (Oral & Maxillofacial Surgery), North Bengal Dental College & Hospital, Sushrutnagar, Darjeeling, India; Associate Professor (Oral & Maxillofacial Surgery), Dr. R Ahmed Dental College and Hospital, Kolkata, India; Professor (Retd), (Oral & Maxillofacial Surgery), Dr. R. Ahmed Dental College & Hospital, Kolkata, India	Article
Singh A.K., Sur S.N., Bera R., Maji B.	Effects of b	2020	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	79	11		955	961	Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Sikkim, 737136, India; National Institute of Technology Durgapur, Mahatma Gandhi Rd, Durgapur, West Bengal, 713209, India	Article
Paul B.K., Chowdhury A., Das S., Sarkar S.	A compact	2020	Lecture Notes in Electrical Engineering	664			479	491	Department of Electronics and Communication Engineering, IMPS College of Engineering & Technology, Malda, India; Mallabhum Institute of Polytechnic, Bankura, Bishnupur, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology (SMIT), Majitar, Sikkim, India	Conference Paper
Baruah J.K., Dhar S., Bera R.	Field trial o	2020	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	79	8		703	711	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Majitar, Sikkim, 737136, India	Article
Bandyopadhyay N., Bhuiyan C., Saha A.K.	Drought m	2020	Progress in Disaster Science	5		100049			Department of Geography, Haringhata Mahavidyalaya, University of Kalyani, Nadia, West Bengal, India; Department of Civil Engineering, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Department of Geography, Delhi School of Economics, University of Delhi, India	Article
Mishra A., Rastogi P.	Corona viru	2020	Journal of Punjab Academy of Forensic Medicine and Toxicology	20	1		5		Department of Forensic Medicine, Sikkim Manipal University, Sikkim Manipal Institute of Medical Sciences, Gangtok, Sikkim 737102, India; Department of Forensic Medicine & Toxicology, Kasturba Medical College, Manipal Academy of Higher Education, Mangalore, Karnataka 575001, India	Editorial
Bhutia K.M.D., Jena M.K.	An autopsy	2020	Journal of Punjab Academy of Forensic Medicine and Toxicology	20	1		20	24	Department of Forensic Medicine & Toxicology, SMIMS, Sikkim Manipal University, India; Department of Forensic Medicine & Toxicology, Saheed Laxman Nayak Medical College & Hospital, Koraput, Odisha, India	Article
Pradhan S., Ghose D., Shabbiruddin	Present an	2020	Energy Sources, Part A: Recovery, Utilization and Environmental Effects						Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Review

Bera R., Pradhan P.C., Liu C.-M., Dhar S., Sur S.N.	Preface	2020	Lecture Notes in Electrical Engineering	662				xi	xii	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Department of Computer Science and Information Engineering, National Taipei University of Technology, Taipei, Taiwan	Editorial
Islam H., Dhar S., Das S., Bose T., Rai B.	Design of f	2020	Lecture Notes in Electrical Engineering	662				335	340	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper
Srikanth Kamath H., Sur S.N., Singh H., Khanna A.	Heterogen	2020	Lecture Notes in Electrical Engineering	662				11	18	Electronics and Communication Engineering Department, Manipal Institute of Technology, Manipal, India; Electronics and Communication Engineering Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 73736, India	Conference Paper
Islam H., Sarkar S., Bose T., Das S.	Design of a	2020	Lecture Notes in Electrical Engineering	662				191	197	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Verma P., Chakraborty S., Bhattacharya A., Sinha R., Kotha J., Jaiswal P., Singh D.	Modelling	2020	Lecture Notes in Electrical Engineering	662				133	144	Electronics and Communication Engineering Department, Sikkim Manipal Institute of Technology, Majitar, Rangpo, Sikkim, India	Conference Paper
Verma P., Prakash O.	C-shaped r	2020	Lecture Notes in Electrical Engineering	662				473	477	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Electronics and Communication Engineering, St. Mary's Engineering College, Hyderabad, Telangana, India	Conference Paper
Pandey J.R., Saha S.K., Mukherjee S.K., Jha A.	Self-medica	2020	Lecture Notes in Electrical Engineering	662				159	166	Sikkim Manipal Institute of Technology, Sikkim Manipal University, SMIT, Majitar, Sikkim, India	Conference Paper
Debnath S.S., Hussain S., Gaitonde A., Agarwal A.	Design and	2020	Lecture Notes in Electrical Engineering	662				385	391	Electronics & Communication Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majitar, 737136, India	Conference Paper
Kumar N., Dey N., Priya R., Ruhul Islam M.	Prototype	2020	Lecture Notes in Electrical Engineering	662				351	359	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Conference Paper
Chettri L., Bera R.	Industry 4.	2020	Lecture Notes in Electrical Engineering	662				67	77	5G IoT Lab, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India	Conference Paper
Sharma P., Saikia H., Chettri P., Sur S.N.	Design of a	2020	Lecture Notes in Electrical Engineering	662				513	519	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majitar, Rangpo, 737136, India	Conference Paper
Kumar N., Dey B., Chetri C., Biswas A.	Surveillanc	2020	Lecture Notes in Electrical Engineering	662				423	431	SMIT, SMU, Rangpo, Sikkim, India	Conference Paper
Pradhan S., Ghose D., Shabbiruddin	Analysis an	2020	Lecture Notes in Electrical Engineering	662				29	37	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, Sikkim, India	Conference Paper
Debnath S.S., Choudhury A.D., Agarwal A.	Implement	2020	Lecture Notes in Electrical Engineering	662				375	383	ECE Department, Sikkim Manipal Institute of Technology, East Sikkim, Majitar, 737136, India	Conference Paper
Pandey J.R., Saha S.K., Mukherjee S.K., Pandey V., Jha A.	Gender dif	2020	Lecture Notes in Electrical Engineering	662				91	98	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India	Conference Paper
Rani J., Mukherjee S.K., Jha A., Sharma B.	An empiric	2020	Lecture Notes in Electrical Engineering	662				123	131	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, Sikkim, India	Conference Paper
Gautam B., Singha A., Verma P., Islam H., Das S.	Design of v	2020	Lecture Notes in Electrical Engineering	662				313	317	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper

Phalguna B., Paul S., Sur S.N., Singh A.K., Bera R., Kamath H.S.	A review of	2020	Lecture Notes in Electrical Engineering	662				493	500	Electronics and Communication Engineering Department, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 73736, India; Electronics and Communication Engineering Department, Manipal Institute of Technology, Manipal, India	Conference Paper
Manna S., Bose T., Bera R., Sil S.	A wearable	2020	Lecture Notes in Electrical Engineering	662				99	103	Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; CIEM, Kolkata, India	Conference Paper
Dey R., Sengupta A., Dey N., Mondal U.	System ide	2020	Lecture Notes in Electrical Engineering	662				433	438	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majitar, 737136, India; Department of Electronics and Communication Engineering, RCCIT, Kolkata, India; Department of Instrumentation, Applied Physics, UCSTA, University of Calcutta, Kolkata, India; Instrumentation Engineering, Applied Physics, University of Calcutta, Kolkata, 700009, India	Conference Paper
Roy R., Sarkar S.	Computati	2020	Lecture Notes in Electrical Engineering	662				295	301	Jakir Hossain Institute of Polytechnic (JHIP), Murshidabad, India; Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper
Gupta M.K., Hasid M.N.A., Dhar S., Mruthyunjaya H.S.	Developme	2020	Lecture Notes in Electrical Engineering	662				463	471	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Electronics and Communication Engineering, Manipal Institute of Technology, Manipal, Karnataka, India	Conference Paper
Chakravarty S., Srivastava A., Biswas A., Rao K., Phukan G.	Embedded	2020	Lecture Notes in Electrical Engineering	662				361	366	Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Gangtok, Sikkim 737136, India	Conference Paper
Pradip R.P., Bhowmik S., Hazarika N., Roy C., Sengupta A.	Maximum	2020	Lecture Notes in Electrical Engineering	662				393	401	Department of EEE, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, Sikkim, India	Conference Paper
Chakraborty D., Kashyap S., Singh U., Islam M.R.	Gene struc	2020	Lecture Notes in Electrical Engineering	662				341	349	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Conference Paper
Biswas A., Dey B.	A literature	2020	Lecture Notes in Electrical Engineering	662				411	421	Electronics and Communication Engineering Department, Sikkim Manipal Institute of Technology, Rangpo, Sikkim, India	Conference Paper
Chakraborty M., Verma P., Chakraborty S., Biswas S., Singha S., Prabha S., Das D., Saha S.	Feature ext	2020	Lecture Notes in Electrical Engineering	662				115	121	Department of Electronics and Communication Engineering, JIS College of Engineering, Nadia, Kalyani, India; Department of Electronics and Communication Engineering, SMIT, SMU, Majhitar, Sikkim, India	Conference Paper
Das S., Budia M., Ghosh R., Dhar S., Mruthyunjaya H.S.	Design and	2020	Lecture Notes in Electrical Engineering	662				453	461	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Electronics and Communication Engineering, Manipal Institute of Technology, Manipal, Karnataka, India	Conference Paper
Rai N., Gupta S., Bhutia R.	Design of a	2020	Lecture Notes in Electrical Engineering	662				507	511	Department of Electronics and Communication, Sikkim Manipal Institute of Technology, Majitar, India; Department of Physiotherapy, Sikkim Manipal College of Physiotherapy, Gangtok, India; Department of Mathematics, Sikkim University, Gangtok, India	Conference Paper
Singh A.K., Tiwari P.K.	Wireless m	2020	Lecture Notes in Electrical Engineering	662				489	492	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Conference Paper
Hazarika N., Tamuli P., Singh A.K.	Electric vef	2020	Lecture Notes in Electrical Engineering	662				145	157	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo, Sikkim, India	Conference Paper

Thakur H., Islam H., Das S., Dhar S., Hs M.	Design of u	2020	Lecture Notes in Electrical Engineering	662			331	334	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; Department of Electronics and Communication Engineering, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, India	Conference Paper
Dutta R., Paitya N.	Analysis of	2020	Emerging Trends in Terahertz Solid-State Physics and Devices: Sources, Detectors, Advanced Materials, and Light-matter Interactions				77	84	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim 737136, India	Book Chapter
Pradhan A., Yajnik A., Prajapati M.	A Conceptu	2020	International Journal of Mathematics and Computer Science	15	1	212	199	212	Department of Mathematics Sikkim Manipal Institute of Technology Majitar, Rangpo, East Sikkim, 737136, India; Gujarat Technological University Ahmedabad, Gujarat, India	Article
Thapa S., Surjyajeevan Y.	Gender an	2020	Journal of Sociology and Social Anthropology	11	01-Feb		142	153	Department of Sociology, Sikkim University, 5th Mile, JoreDhara, TadongSikkim 737 102, India; Department of Humanities and Social Sciences, Sikkim Manipal University, 5th Mile, TadongSikkim 737 102, India	Article
Adhikary A., Sharma N.D., Bora B.	Macroecor	2020	International Journal on Emerging Technologies	11	3		715	720	Department of Management Studies, Sikkim Manipal University, SMIT Campus, Rangpo, Majitar, East Sikkim 737136, India	Article
Sur S.N., Sharma P., Saikia H., Banerjee S., Singh A.K.	OFDM Base	2020	Procedia Computer Science	171			2252	2260	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majitar, Rangpo, 737136, India	Conference Paper
Ghadai R.K., Kalita K., Gao X.-Z.	Symbolic re	2020	FME Transactions	48	2		404	410	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, India; Department of Mechanical Engineering, Vel Tech Rangarajan Dr. Sagunthala R and D Institute of Science and Technology, Avadi, India; School of Computing, University of Eastern Finland, Kuopio, Finland	Article
Subba S., Singh T.S.	Study on th	2020	Tropical Parasitology	10	1		18	23	Department of Microbiology, Sikkim Manipal Institute of Medical Sciences, Gangtok, Sikkim, India	Article
Moktan M., Mehta V.	Perception	2020	Journal of Education and Health Promotion	9	1	283363			Department of Nursing, Aculty of Nursing and Public Health, Thimphu, Bhutan; Department of Community Medicine, Sikkim Manipal University, Gangtok, Sikkim, India	Article
Subba R., Bhoi A.K.	Feature Ext	2020	Advances in Intelligent Systems and Computing	1040			45	52	Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper
Anand A., Ghose D., Pradhan S., Shabbiruddin, Bhoi A.K.	Optimal Se	2020	Advances in Intelligent Systems and Computing	1040			501	509	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Sikkim, India	Conference Paper
Priyadarshi N., Bhoi A.K., Sharma A.K., Mallick P.K., Chakrabarti P.	An Efficient	2020	Advances in Intelligent Systems and Computing	1040			131	139	Department of Electrical Engineering, Birsa Institute of Technology (Trust), Ranchi, 835217, India; Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; School of Computer Engineering, Kalinga Institute of Industrial Technology (KIIT) University, Bhubaneswar, India; Department of Computer Science and Engineering, ITM University, Vadodra, Gujarat 391510, India	Conference Paper

Priyadarshi N., Bhoi A.K., Sahana S.K., Mallick P.K., Chakrabarti P.	Performan	2020	Advances in Intelligent Systems and Computing	1040				439	447	Department of Electrical Engineering, Birsa Institute of Technology (Trust), Ranchi, 835217, India; Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; Department of Computer Science and Engineering, Birla Institute of Technology, Mesra, Ranchi, 835215, India; School of Computer Engineering, Kalinga Institute of Industrial Technology (KIIT) University, Bhubaneswar, India; Department of Computer Science and Engineering, ITM University, Vadodara, Gujarat 391510, India	Conference Paper
Pradhan S., Bhattacharya D., Pandit M.	Design of P	2020	Advances in Intelligent Systems and Computing	1040				531	538	Electrical and Electronics Department, Sikkim Manipal Institute of Technology, Rangpo, India	Conference Paper
Shome S., Bera R., Maji B., Bhoi A.K., Mallick P.K.	Array Rada	2020	Advances in Intelligent Systems and Computing	1040				539	546	Department of Electronics & Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; National Institute of Technology Durgapur, Mahatma Gandhi Rd, A-Zone, Durgapur, West Bengal 713209, India; Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; School of Computer Engineering, Kalinga Institute of Industrial Technology (KIIT) University, Bhubaneswar, India	Conference Paper
Naresh B., Singh V.K., Sharma V.K., Bhoi A.K., Singh A.K.	Treble Ban	2020	Advances in Intelligent Systems and Computing	1040				67	75	Department of Electrical Engineering, Bhagwant University, Ajmer, Rajasthan, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India; Indian Institute of Information Technology, Allahabad, India	Conference Paper
Panigrahi R., Borah S., Bhoi A.K., Mallick P.K.	Intrusion D	2020	Advances in Intelligent Systems and Computing	1040				107	117	Department of Computer Applications, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University, Majitar, Sikkim 737136, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India; School of Computer Engineering, Kalinga Institute of Industrial Technology (KIIT) University, Bhubaneswar, India	Conference Paper
Mallick P.K., Balas V.E., Bhoi A.K., Chae G.-S.	Preface	2020	Advances in Intelligent Systems and Computing	1040						School of Computer Engineering Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar, Odisha, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology Sikkim Manipal University, Rangpo, India; Faculty of Engineering Aurel Vlaicu University of Arad, Arad, Romania; Division of Information and Communication Baekseok University, Cheonan-si, Ch'ungch'ong-namdo, South Korea	Editorial
Shome S., Bera R., Maji B., Bhoi A.K., Mallick P.K.	Multi-ante	2020	Advances in Intelligent Systems and Computing	1040				365	373	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; National Institute of Technology Durgapur, Mahatma Gandhi Rd, A-Zone, Durgapur, West Bengal 713209, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; School of Computer Engineering, Kalinga Institute of Industrial Technology (KIIT) University, Bhubaneswar, India	Conference Paper

Ghosh A., Bhutia S., Limboo B.H.	Password-f	2020	Advances in Intelligent Systems and Computing	1040				433	437	Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, India	Conference Paper
Patel N., Porwal D., Bhoi A.K., Kothari D.P., Kalam A.	An Overvie	2020	Green Energy and Technology					1	15	Power Electronics and Drives Department, Research and Development Centre, Cimac Solution Pvt. Ltd., Ahmedabad, India; Department of Electrical Engineering, MNIT, Jaipur, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, India; Department of Electrical Engineering, VNIT, Nagpur, India; Smart Energy Research Unit, Victoria University, Melbourne, Australia	Book Chapter
Priyadarshi N., Azam F., Bhoi A.K., Sharma A.K.	A Four-Swi	2020	Green Energy and Technology					505	512	Department of Electrical Engineering, Birsa Institute of Technology (Trust), Ranchi, 835217, India; School of Computing & Information Technology, REVA University, Bangalore, 560064, India; Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Book Chapter
Sur S.N.	Massive M	2020	Green Energy and Technology					833	842	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East Sikkim 737136, India	Book Chapter
Vardia M., Priyadarshi N., Ali I., Azam F., Bhoi A.K.	Design of V	2020	Green Energy and Technology					707	716	Geetanjali Institute of Technical Studies, Udaipur, 313001, India; Birsa Institute of Technology (Trust), Ranchi, 835217, India; School of Computing and Information Technology, REVA University, Bangalore, 560064, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Book Chapter
Choudhary T., Priyadarshi N., Kumar P., Azam F., Bhoi A.K.	A Fuzzy Log	2020	Green Energy and Technology					651	663	Department of Mechanical Engineering, Birsa Institute of Technology (Trust), Ranchi, 835217, India; Department of Electrical Engineering, Birsa Institute of Technology (Trust), Ranchi, 835217, India; School of Computing and IT, REVA University, Bangalore, 560064, India; Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Book Chapter
Bhattarai D., Singh A.K., Newpaney S., Pyakurel P.	Design and	2020	Green Energy and Technology					489	504	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India; Department of Mechatronics, Advanced Technical Training Centre, Sikkim, India	Book Chapter
Priyadarshi N., Azam F., Bhoi A.K., Sharma A.K.	A Proton E	2020	Green Energy and Technology					285	294	Department of Electrical Engineering, Birsa Institute of Technology (Trust), Ranchi, 835217, India; School of Computing & Information Technology, REVA University, Bangalore, 560064, India; Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Masjitar, India	Book Chapter
Shivakoti I., Kibria G., Pradhan B.B., Sharma A.	Experimen	2020	Green Energy and Technology					665	683	Mechanical Engineering Department, Sikkim Manipal Institute of Technology (SMIT), Sikkim Manipal University, Gangtok, Sikkim, India; Department of Mechanical Engineering, Aliah University, Kolkata, 700160, India	Book Chapter
Priyadarshi N., Azam F., Bhoi A.K., Sharma A.K.	A Closed-L	2020	Green Energy and Technology					451	461	Department of Electrical Engineering, Birsa Institute of Technology (Trust), Ranchi, 835217, India; School of Computing & Information Technology, REVA University, Bangalore, 560064, India; Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Book Chapter

Vardia M., Priyadarshi N., Ali I., Azam F., Bhoi A.K.	Maximum	2020	Green Energy and Technology					631	640	Geetanjali Institute of Technical Studies, Udaipur, 313001, India; Birsa Institute of Technology (Trust), Ranchi, 835217, India; School of Computing & IT, REVA University, Bangalore, 560064, India; Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, India	Book Chapter
Pradhan S., Ghose D., Singh A.K.	Impact of F	2020	Green Energy and Technology					513	526	Department of Electrical and Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Book Chapter
Priyadarshi N., Azam F., Bhoi A.K., Sharma A.K.	Dynamic O	2020	Green Energy and Technology					211	218	Department of Electrical Engineering, Birsa Institute of Technology (Trust), Ranchi, 835217, India; School of Computing & Information Technology, REVA University, Bangalore, 560064, India; Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitar, India	Book Chapter
Shome S., Bera R.	Narrowbar	2020	Green Energy and Technology					475	487	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Book Chapter
Prajapati M., Yajnik A.	Constraint-	2020	Lecture Notes in Networks and Systems		121			375	386	Gujarat Technological University, Ahmedabad, India; Sikkim Manipal University, Gangtok, Sikkim, India	Book Chapter
Priyadarshi N., Azam F., Bhoi A.K., Sharma A.K.	A Multileve	2020	Green Energy and Technology					149	155	Department of Electrical Engineering, Birsa Institute of Technology (Trust), Ranchi, 835217, India; School of Computing & Information Technology, REVA University, Bangalore, 560064, India; Department of Electrical & Electronics Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India	Book Chapter
Agarwal A., Pradhan P.C., Swain B.P.	Corrected d	2020	Telecommunications and Radio Engineering (English translation of Elektrosyvyaz and Radiotekhnika)		79	5		433	442	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, Sikkim, 737136, India; National Institute of Technology, Imphal, Manipur, 795004, India	Article
Chhetri B., Goyal L.M., Mittal M., Gurung S.	Consumpti	2020	EAI Endorsed Transactions on Pervasive Health and Technology		6	21	e5			Department of Computer Engineering, J C Bose University of Science and Technology, YMCA, Faridabad, India; Department of Computer Science and Engineering, G B Pant Government Engineering College, Okhla, New Delhi, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim, India	Article
Dutt I., Borah S., Maitra I.K.	Multiple Im	2020	Procedia Computer Science		167			2111	2123	Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, East Sikkim, Majhitar, 737136, India; Department of Computer Applications, B.P. Poddar Institute of Management and Technology, V.I. P Road, Kolkata, 700052, India	Conference Paper
Panigrahi R., Borah S.	A Statistica	2020	Lecture Notes on Data Engineering and Communications Technologies		37			215	222	Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Rangpo, Sikkim 737136, India	Book Chapter
Borah S., Balas V.E., Polkowski Z.	Preface	2020	Lecture Notes on Data Engineering and Communications Technologies		37			v	vi	Department of Computer Application SMIT, Sikkim Manipal University Sikkim, India; Department of Automatics and Applied Software, Faculty of Engineering, Aurel Vlaicu University of Arad, Arad, Romania; Faculty of Technical Sciences, Jan Wyzkowski University, Polkowice, Poland	Editorial
Manna S., Bose T., Bera R.	Microstrip	2020	Biotechnology and Biological Sciences-Proceedings of the 3rd International Conference of Biotechnology and Biological Sciences, BIOSPECTRUM 2019					25	28	University of Engineering and Management, Kolkata, India; Sikkim Manipal Institute of Technology Sikkim, India	Conference Paper

Yan B., Prasad P.K., Mukherjee S., Saha A., Banerjee S., Pham V.-T.	Dynamical	2020	Complexity	2020		5428548			Department of Information Engineering, Shaoyang University, Shaoyang, 422000, China; Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, 737136, India; Department of Mathematics, Sivanath Sastri College, Kolkata, India; Institute for Mathematical Research, Universiti Putra Malaysia, Serdang, Malaysia; Malaysia-Italy Centre of Excellence for Mathematical Science, Universiti Putra Malaysia, Serdang, Malaysia	Article
Saha A., Pradhan B., Banerjee S.	Multistabil	2020	Physica Scripta	95	5	55602			Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, 737136, India; Institute for Mathematical Research, Universiti Putra Malaysia, Selangor, Malaysia; Malaysia-Italy Centre of Excellence for Mathematical Science, Universiti Putra Malaysia, Serdang, Malaysia	Article
Chakraborty S., Pradhan R., Dey N., Ashour A.S.	Optimized	2020	Frontiers in Artificial Intelligence and Applications	323			142	149	Department of Computer Applications, Sikkim Manipal Institute of Technology, Rangpo, Sikkim, India; Department of Information Technology, Techno India College of Technology, West-Bengal, 740000, India; Department of Electronics and Electrical Communications Engineering, Faculty of Engineering, Tanta Univ., Egypt	Book Chapter
Dutt I., Borah S., Maitra I.K.	Immune Sy	2020	IEEE Access	8		9000968	34929	34941	Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, 737136, India; Controller of Examinations Department, St. Xavier's University, Kolkata, 700160, India	Article
Sur S.N., Bera S., Shome S., Bera R., Maji B.	Target char	2020	International Journal on Smart Sensing and Intelligent Systems	13	1		1	8	Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, Sikkim, 737102, India; Department of Electronics and Communication Engineering, National Institute of Technology, Durgapur, West Bengal, 713209, India	Article
Tamang J., Saha A.	Bifurcation	2020	Physics of Plasmas	27	1	12105			Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, East-Sikkim, 737136, India	Article
Chettri L., Bera R.	A Compreh	2020	IEEE Internet of Things Journal	7	1	8879484	16	32	5G IoT Lab, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, 737136, India	Review
Sarma H.K.D.	Security iss	2020	Lecture Notes in Networks and Systems	99			67	72	Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India	Book Chapter
Sur S.N., Bera S., Anand A., Rai S.	CLEAN algc	2020	Lecture Notes in Networks and Systems	99			151	155	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Rangpo, Sikkim 737136, India	Book Chapter
Chakraborty S., Banik S., Islam M.R., Sarma H.K.D.	Context-aw	2020	Lecture Notes in Networks and Systems	99			157	165	Department of MCA, Techno India, Salt Lake, Kolkata, West Bengal, India; Department of CSE, SNU, DG Block, New Town, Kolkata, West Bengal, India; Department of CSE, Sikkim Manipal Institute of Technology, Majitar, Rangpo, Sikkim, India; Department of IT, SMIT, Majitar, Rangpo, Sikkim, India	Book Chapter
Nath A., Konwar H.N., Kumar K., Islam M.R.	Technology	2020	Lecture Notes in Networks and Systems	99			141	150	Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India	Book Chapter

Sarma H.K.D., Bhuyan B., Borah S., Dutta N.	Preface	2020	Lecture Notes in Networks and Systems	99		v	vi	Department of Information Technology, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Department of Computer Application, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Department of Computer Science and Engineering, Marwadi University, Rajkot, Gujarat, India	Editorial
Datta A., Saikia M.	An approach	2020	Lecture Notes in Networks and Systems	99		113	127	Sikkim Manipal Institute of Technology, Majitar, Sikkim 737136, India	Book Chapter
Bhulia S.L., Borah S., Pradhan R.	Landslide s	2020	Lecture Notes in Networks and Systems	99		129	139	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majhitara, Sikkim, India	Book Chapter
Dey A.J., Sarma H.K.D.	Routing tec	2020	Lecture Notes in Networks and Systems	99		41	50	NIIT Technologies Ltd., SEZ Greater Noida, Greater Noida, 201308, India; Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India	Book Chapter
Rai P., Ghose M.K., Sarma H.K.D.	A game the	2020	Lecture Notes in Networks and Systems	99		31	39	Department of Computer Science & Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India; Computer Science & Engineering, OmDayal Group of Institutions, Howrah, Uluberia, West Bengal 711316, India; Department of Information Technology, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim 737136, India	Book Chapter
Dutta R., Paitya N.	Effect of Po	2020	Lecture Notes in Electrical Engineering	602		249	258	Department of Electronics and Communication Engineering, Surendra Institute of Engineering and Management, Maulana Abul Kalam Azad University of Technology, West Bengal, India; Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India	Conference Paper
Shabbiruddin, Chakravorty S., Sherpa K.S., Ray A.	Optimal po	2020	International Journal of Decision Support System Technology	12	1	70	83	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Gangtok, India; Indus University, Ahmedabad, India; Jalpaiguri Government Engineering College, Jalpaiguri, India	Article
Gupta M., Konar D., Bhattacharyya S., Biswas S.	Preface	2020	Advances in Intelligent Systems and Computing	992		vii	viii	Department of Computer Applications, Sikkim Manipal Institute of Technology, East Sikkim, Sikkim, India; Department of Computer Science and Engineering Sikkim, Manipal Institute of Technology, East Sikkim, Sikkim, India; Department of Information Technology, RCC Institute of Information Technology, Kolkata, West Bengal, India; Machine Intelligence Unit, Indian Statistical Institute, Kolkata, West Bengal, India	Editorial
Roy B., Gupta M.	Macroscop	2020	Advances in Intelligent Systems and Computing	992		101	112	Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, India	Conference Paper
Bhattacharyya S., Konar D., Platos J., Kar C., Sharma K.	Preface	2020	Studies in Computational Intelligence	841		vii	xii	Department of Information Technology, RCC Institute of Information Technology, Beliaghata, West Bengal, India; Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, Gangtok, Sikkim, India; Department of Computer Science, VSB-Technical University of Ostrava, Ostrava-Poruba, Czech Republic	Editorial
Dutta R., Konar S.C., Paitya N.	Influence o	2020	Lecture Notes in Electrical Engineering	575		345	355	Department of Electronics & Communication Engineering, Surendra Institute of Engineering and Management, MAKAUT, Siliguri, West Bengal, India; Department of Research & Development, Narula Institute of Technology, MAKAUT, Kolkata, West Bengal, India; Department of Electronics & Communication Engineering, Sikkim Manipal Institute of Technology, SMU, Majitar, Sikkim, India	Conference Paper

Ghatak S., Bhattacharjee D.	Barcode re	2020	Advances in Intelligent Systems and Computing	1018			471	475	Department of CSE, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Department of CSE, Jadavpur University, Kolkata, West Bengal, India	Conference Paper
Das P.P., Chakraborty S.	Parametric	2020	Advances in Intelligent Systems and Computing	949			407	415	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India	Conference Paper
Diyaley S., Chakraborty S.	Optimizati	2020	Advances in Intelligent Systems and Computing	949			47	57	Department of Mechanical Engineering, Sikkim Manipal Institute of Technology, Majitar, Sikkim, India; Department of Production Engineering, Jadavpur University, Kolkata, West Bengal, India	Conference Paper
Acharya S., Saha S., Pradhan P.	Multi-Fact	2020	IEEE/ACM Transactions on Computational Biology and Bioinformatics	17	1	8392358	207	219	Department of Computer Science and Engineering, Indian Institute of Technology Patna, Patna, Bihar, 801103, India; Department of Computer Applications, Sikkim Manipal Institute of Technology, Rangpo, Sikkim, India	Article