Vivekanand Education Society's
Institute Of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Institute Name	Vivekanand Education Society's Institute Of Technology
India Ranking 2022 ID	IR-E-C-33895
Discipline	Engineering
Parameter	Journal Details 2020-21

Sr. No.	Title of Paper	Authors	Journal Name	ISSN /ISBN/ACCN Number	Publication Year	Ntnl /Intnl
1	ALZHEIMER'S ASSISTANT using AI	Dr. Nupur Giri	International Journal of Future Generation Communication and Networking Vol. 13, No. 3, (2020), pp. 1950–1957	ISSN NO: 2233-7857	Aug 2020	INTNL
2	Predicting Stock Movements Using News Headlines And News Articles	Dr.Gresha Bhatia	International Journal of Future Generation Communication and Networking Vol. 13, No. 1s, (2020), pp. 312-- 320	ISSN NO: 2233-7857 IJFGCN	February 2021	INTNL
3	A Novel Approach Towards Prediction of Mosquito-Borne Diseases	Dr. Gresha Bhatia	Asian Journal For Convergence In Technology (AJCT)	ISSN NO: 2350-1146	Apr 2021	INTNL
4	Deep Learning Model for Face Mask Detection Alert system and age prediction	Dr. Gresha S Bhatia	International Journal of Creative Research Thoughts (IJCRT)	ISSN NO: 2320-2882	Jun 2021	INTNL
5	Employee Dissatisfaction analysis using GlassDoor Reviews	Dr. Sujata Khedkar	International Journal of Management and Applied Science (IJMAS), Volume-6, Issue-8, Aug-2020	ISSN NO: 2394-7926	Oct 2020	INTNL
6	Nidāna - A system for detection of genetic disorders with prominent facial features using AI	Dr. Sharmila Sengupta	International Journal of Future Generation Communication and Networking Vol. 13, No. 1s, (2020), pp. 270--276 (WOS)	ISSN NO: 2233-7857 IJFGCN	Feb 2021	INTNL
7	SANJAY: Assistive Vision for the Blind	Mr. Prashant Kanade	IJASR 2021 VOLUME 4, ISSUE 3, MAY - JUNE	ISSN NO: 2581-7876	Nov 2020	INTNL
8	Smart drone imaging applications	Mr. Prashant Kanade	International Research Journal of Engineering and Technology (IRJET), Volume 8 , Issue 4	ISSN NO: 2395-0056	Apr 2021	INTNL
9	Question Bank Based Paper Setting An Automatic Question Paper Generation System	Mr. Prashant Kanade	International Journal of Innovative Science and Research Technology (IJISRT), Volume 6, Issue 5,	ISSN NO: 2456-2165	May 2021	INTNL
10	HANDWRITTEN CHARACTER RECOGNITION	Mr. Prashant Kanade	International Journal of Creative Research Thoughts (IJCRT),volume 9 issue 6	ISSN NO: 2320-2882	Jun 2021	INTNL
11	EMOTSQUAD: Emotion Detection and Attendance Management System	Mrs. Vidya Zope	International Journal of Future Generation Communication and Networking Vol. 13, No. 1s, (2020), pp. 398-405 (WOS)	ISSN NO: 2233-7857 IJFGCN	Feb 2021	INTNL
12	Online E-commerce Venture - Choose The Best	Mrs. Vidya Zope	Asian Journal For Convergence In Technology (AJCT), Volume 7(Issue 1),38-43.	ISSN NO: 2350-1146 I.F-5.11	Apr 2021	INTNL
13	GIS Approach to Determine Suitability of Trees for Afforestation	Mrs. Vidya Zope	International Journal of Innovative Research in Computer Science & Technology (IJIRCST) Volume-9, Issue-3, May 2021	ISSN NO: 2347-5552	May 2021	INTNL
14	InMo: IoT based Industrial Safety and Monitoring System	Mrs. Indu Dokare	SAMRIDDHI : A Journal of Physical Sciences, Engineering and Technology, 2010-2019 S-JPSET : Vol. 12, Issue Supplementary-1	ISSN NO: 2229-7111 (Print) 2454-5767 (Online)	Jul 2020	INTNL
15	Voice Controlled Smart Home	Mrs. Indu Dokare	International Journal of Future Generation Communication and Networking Web of science, IJFGCN, Vol. 13 No. 1s (2020) Special Issue, 368-- 376, Published: 2020-05-17	ISSN NO: 2233-7857 IJFGCN	Feb 2021	INTNL
16	Personalized Secure E-Identity Locker Using Blockchain	Mrs. Indu Dokare	International Research Journal of Engineering and Technology (IRJET) Volume: 08, Issue: 04, Apr 2021	ISSN NO:2395-0072 (print) 2395-0056 (online)	April 2021	INTNL
17	u-FarmMart: Linking farmers to market	Mrs. Lifna C S	International Research Journal of Engineering and Technology (IRJET) Volume: 08 Issue: 02, Feb 2021 , pg : 187 - 192	e-ISSN NO: 2395-0056 p-ISSN: 2395-0072	Feb 2021	INTNL
18	COVID - 19 Detection Using Medical Imaging and Health Parameters	Mrs. Lifna C S	International Journal of Scientific Research & Engineering Trends (IJSRET), Volume 7, Issue 2, March-April-2021, pgs : 742-746	ISSN NO: 2395-566X	Apr 2021	INTNL
19	Fake news detection using machine learning	Mrs. Abha Tewari	IJRASET(International Journal for research in Applied science and Engineering Technology",Vol 9,Issue 4,April 2021	ISSN NO: 2321-9653	Apr 2021	INTNL
20	Policy Made Easy: An Intelligent Virtual Assistant for Life Insurance	Mrs. Mannat Doultani	International Journal of Creative Research Thoughts	ISSN NO: 2320-2882	May 2021	INTNL
21	Eklavya_Questionnaire generation and Monitoring system	Mrs. Mannat Doultani	International Journal of Creative Research Thoughts	ISSN NO: 2320-2882	May 2021	INTNL
22	BON APETITE	Mrs. Mannat Doultani	International Journal of Creative Research Thoughts	ISSN NO: 2320-2882	May 2021	INTNL
23	Pustakalaya-Book a Book	Mrs. Mannat Doultani	International Journal of Creative Research Thoughts	ISSN NO: 2320-2882	May 2021	INTNL
24	Facial Identity- A facial recognition system for Payment	Mrs. Mannat Doultani	International Journal of Creative Research Thoughts	ISSN NO: 2320-2882	May 2021	INTNL
25	Let's Get Placed-NLP Approach To Predict Personality Traits	Ms. Sunita Suralkar	International Journal of Creative Research Thoughts (IJCRT)	ISSN NO: 2320-2882	May 2021	INTNL
26	BrightSide: Creative Learning Approach	Ms. Sunita Suralkar	International Journal of Computer Applications	ISSN NO: 0975 – 8887	Jun 2021	INTNL
27	Bird Species Identification and Prediction Analysis of Endangered Species	Mrs. Pallavi Saindane	International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 05	e-ISSN: 2395-0056, p-ISSN: 2395-0072	May 2021	INTNL
28	Survey and Analysis of Detection of Greenland Area Using NDVI Algorithm	Mrs. Yugchhaya Galphat	INTERNATIONAL JOURNAL OF INFORMATION AND COMPUTING SCIENCE,	ISSN NO: 972-1347	Oct 2020	INTNL

29	Crime Analysis And Hotspot Prediction	Mrs. Richa Sharma	SAMRIDDHI : A Journal of Physical Sciences, Engineering and Technology, Vol. 11, Issue	ISSN(P):2229-7111 ISSN(O): 2454-5766	June 2021	INTNL
30	Hardware Implementation of Autonomous Surface Vehicle (ASV) using Arduino Mega	Mrs. Richa Sharma	SAMRIDDHI : A Journal of Physical Sciences, Engineering and Technology, Vol. 11, Issue	ISSN(P):2229-7111 ISSN(O): 2454-5766	June 2021	INTNL
31	EAR BIOMETRICS: ONE MORE STEP TOWARDS SOCIAL DISTANCING	Mrs. Mansi Talreja	International Journal of Engineering Applied Sciences and Technology IJEAST vol 5, issue 9	ISSN NO: 2455-2143	Jan 2021	INTNL
32	Security Aspects of Electronic Health Records and Possible Solutions	Mr. Prashant Kanade	International Journal of Engineering Applied Sciences and Technology, 2021 Vol. 5, Issue 10	ISSN NO: 2455-2143	Feb 2021	INTNL
33	ICT IN HEALTHCARE WITH HEALTH RECORD STANDARDS	Mr. Prashant Kanade	International Journal of Engineering Applied Sciences and Technology (IJEAST), 2021 Vol. 5, Issue 10, Pages 175-185	ISSN NO: 2455-2143	Feb 2021	INTNL
34	Quality Assurance of IoT based Systems using Analytic Hierarchy Process	Mrs. Rohini Temkar	Turkish Journal of Computer and Mathematics Education, Vol.12 No.10	ISSN NO: 1309-4653	Apr 2021	INTNL
35	Quality assurance of IoT based home automation application using modified ISO/IEC 25010	Mrs. Rohini Temkar	SSRG International Journal of Engineering Trends and Technology(IJETT)	ISSN NO: 2231-5381	Feb 2021	INTNL
36	A Study On Applications Of Humanoid Robots	Ms. Sunita Suralkar	Utkal Historical Research Journal	ISSN NO: 0976-2132	March 2021	INTNL
37	3D Printed Multifunctional Arm	Mrs. Nusrat Ansari	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 05 Issue: 04	April - 2021	ISSN NO: 2582-3930	April 2021	INTNL
38	Smart Segregator using ML & IOT	Mrs. Nusrat Ansari	Pensee journal, volume 51, issue 03-2021	ISSN NO: 0031-4773	April 2021	INTNL
39	Electronic Health Records and its Acceptance by Stakeholders: General Discussion	Mr. Prashant Kanade	International Journal of Computer Applications 174(10): 43-49	ISSN NO: 0975 – 8887	Jan 2021	INTNL
40	Plasma Voting: A Secure e-Voting Platform	Mrs. Pallavi Saindane	SAMRIDDHI : A Journal of Physical Sciences, Engineering and Technology, 2010-2019 S-JPSET : Vol. 12, Issue Supplementary-1	ISSN(P):2229-7111 ISSN(O): 2454-5766	Jun 2020	INTNL
41	Heart Rate Detection System	Mrs. Charusheela Nehete	International Research Journal of Engineering and Technology (IRJET)	2395-0056	Sept 2020	INTNL
42	Pharmaledger-An improved solution to identify counterfeit drugs in Supply chain	Mrs.Vinita Mishra	UGC-Alochana Chakra Journal	2231-3990	July 2020	INTNL
43	Intelligent Media Player	Mrs.Vidya Pujari	International Research Journal of Engineering and Technology (IRJET)	2395-0056	May 2021	INTNL
44	BLOCKCHAIN BASED INSURANCE PROCESS	Mrs.Pooja Shetty	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162	March 2021	INTNL
45	Personalised Music Recommendation System	Mrs.Sukanya Roychowdhury	International Journal of All Research Education and Scientific Methods (IJARESM)	2455-6211	May 2021	INTNL
46	Agro Basket App: Prediction System Using Data Mining	Mrs.Jayashree Hajgude	International Journal of All Research Education and Scientific Methods (IJARESM)	2455-6211	May 2021	INTNL
47	Personalized Health News Recommendation Based on User Interests	Mr.Amit Singh	International Research Journal of Engineering and Technology (IRJET)	2395-0056	May 2021	INTNL
48	HealthyHeart: ML based Analysis and Prediction of Cardiovascluar Diseases	Dr. Shanta Sondur	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	April 2021	INTNL
49	Studentchain: Digitizing and Authenticating Student Portfolios using Decentralization	Dr. Shalu Chopra	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	April 2021	INTNL
50	ANALYSIS OF DEEP LEARNING TECHNIQUES FOR RUMOR DETECTION	Mrs.Smita Jangale Dr. M. Vijayalakshmi	Pensee International Journal	0031-4773	March 2021	INTNL
51	Social distancing system for public spaces	Mr.Chintan Jethva	Internatinal Research Journal of Engineering and Technology	e-ISSN: 2395-0096 p-ISSN: 2395 0072	May 2021	INTNL
52	Fake news detection system using machine learning	Dr. Saylee Gharge	International journal of innovative research in science , Engineering and technology	p-ISSN:2320-6710 DOI:10.15680 /IJIRSET. 2021.1004083	April 2021	INTNL
53	Automated Irigation System	Mrs Shoba Krishnan	International Journal of Engineering Research and Technology	ISSN: 2278-0181	June 2020	INTNL
54	Clustering and Compressive Data Gathering for Transmission Efficient Wireless Sensor Networks	Dr. Ranjan Bala Jain	IGI Global	DOI: 10.4018/978-1-5225-9493-2. ch002	Sep 2020	INTNL
55	Assistive Object Recognition System for Visually Impaired	Mr. Gaurav Tawde	International Journal of Engineering Research & Technology	ISSN:2278-0181 & DOI : http://dx.doi. org/10. 17577/IJERTV9IS 090382	Sep 2020	INTNL
56	Chat-Bot for College Management System	Mrs. Arti Sawant	International conference on advanced in science and technology 2021	https://papers.ssrn. com/sol3/papers. cfm? abstract_id=386729 3	16 Jun 2021	INTNL
57	Snake Species Identification and Recognition	Mr.Mrugendra Vasmatkar	2020 IEEE Bombay Section Signature Conference (IBSSC)	ISBN:978-1-7281-8994-9	1 Dec. 2020	INTNL
58	Convolutional Neural Network for Diabetic Retinopathy Detection	Dr. Ranjan Bala Jain	International Conference on Artificial Intelligence and Smart Systems ICAIS 2021	ISBN: 978-1-7281-9537-7	1 April 2021	INTNL
59	Optical Fiber Communication Virtual lab	Dr. Ranjan Bala Jain	18th International conference on Remote Engineering and Virtual instrumentation (REV2021)	ISBN: 978-1-7281-9537-8	Feb 2021	INTNL
60	Video based Fire Detection Using Deep Learning	Mrs. Arti Sawant	International Journal of Innovative Research in Science , Engineering and Technology	e-ISSN: 2319-8753	April 2021	INTNL
61	Robust output tracking for the non-minimum phase over-actuated systems	Dr. Machhindranath Patil,Mrs, Deepti Khimani	ELSEVIER AUTOMATICA	https://doi.org/10. 1016/j.automatica. 2021.109726	2021 September	INTNL

62	Deep Convolutional Neural Networks Approach for Classification of Lung Diseases using X-Rays: COVID-19, Pneumonia, and Tuberculosis	Dr. T. Rajani Mangala	International Journal of Performability Engineering	0973-1318	Dec 2020	INTNL
63	COVID Saarthi - A Real-time Dashboard for COVID and generating alerts	Mr.Abhay Kshirsagar	International Journal of Research and Analytical Reviews (IJRAR)	2348-1269	July 2020	INTNL
64	Tele-Medical Application for Remote Locations	Mrs.Kavita Tiwari	Journal of Huazhong University of Science and Technology	1671-4512	Jan 2021	INTNL
65	Blood Bank Management System	Dr. Asawari Dudwadkar	International Research Journal of Engineering and Technology (IRJET)	2395-0056	June 2021	INTNL
66	IOT based Smart Switchboard using Self-Designed Programmer Device	Mrs.Sarika Kuhikar	International Research Journal of Engineering and Technology (IRJET)	2395-0056	May 2021	INTNL
67	Agritech: Smart Farming System using Robotics and IoT	Mrs.Sarika Kuhikar	Journal of Huazhong University of Science and Technology	1671-4512	May 2021	INTNL
68	Intelligent Traffic Routing and Congestion Relief	Mrs.Rakhi Jadhav	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	May 2021	INTNL
69	MODULAR GARBAGE COLLECTOR ROBOT	Mrs.Anushree Prabhu	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	M ay 2021	INTNL
70	Blood Bank Management System	Dr. Asawari Dudwadkar	IRJET	ISSN no 2395-0056	June 2021	INTNL
71	Automated Hydroponics with Remote Monitoring and Control Using IoT	Dr. Asawari Dudwadkar	IRJET	ISSN no 2278-0181	June 2020	INTNL

Institute Name	Vivekanand Education Society's Institute Of Technology
India Ranking 2022 ID	IR-E-C-33895
Discipline	Engineering
Parameter	Conference Details 2020-21

Sr. No.	Title of paper	Name of Author	Name of Conference	Conference date	Ntnl/Intnl
1	Autonomous Vehicle Simulation Using Deep Reinforcement Learning	Dr. Nupur Giri	Machine Learning for Predictive Analysis	Oct 2020	INTNL
2	DETECTION OF DYSCALCULIA USING MACHINE LEARNING	Dr. Nupur Giri	5th International Conference on Communication and Electronics Systems (ICCES)	July 2020	INTNL
3	AI for Accessibility: Virtual Assistant for Hearing Impaired	Dr. Nupur Giri	11th International Conference on Computing, Communication and Networking Technologies (ICCCNT), Kharagpur	July 2020	INTNL
4	AI-based prediction for early detection of Tuberculosis in India based on environmental factors	Dr. Nupur Giri	19th IEEE International Conference on Machine Learning and Applications (ICMLA), 2020, pp. 278-285	July 2020	INTNL
5	ARTIFICIAL INTELLIGENCE MODEL FOR EPIDEMIOLOGY OF TUBERCULOSIS	Dr. Nupur Giri	75th National Conference on Tuberculosis and Chest Diseases (NATCON 2020), organized under the aegis of Tuberculosis Association of India	Dec 2020	INTNL
6	Crime Analysis using Artificial Intelligence	Dr. Nupur Giri	26th annual International Conference on Advanced Computing and Communications ADCOM 2020, National Institute of Technology, Silchar, Assam, India	Dec 2020	INTNL
7	A Novel Approach to Recommend Skincare Products Using Text Analysis of Product Reviews	Dr. Gresha Bhatia	fifth International Conference on Information and Communication Technology for Competitive Strategies (ICTCS 2020) held during December 11-12, 2020.	Dec 2020	INTNL
8	E-dressing room	Dr. Gresha S Bhatia	International Conference on Software Engineering and Information Technology (ICSEIT), South Indian Research Centre, Pune ,21st March 21	Mar 2021	INTNL
9	Disease prediction using deep learning	Dr. Mrs. Gresha Bhatia	2nd International Conference for Emerging Technology (INCET), Belgaum, Karnataka India, 21st -23rd May 2021	May 2021	INTNL
10	Feed the Need (Each and Every Life is important)	Dr. Gresha S Bhatia	state level symposium on Predictor and Recommendation system using AI and ML, organized by Computer Science and Engineering, Kumaraguru college of Technology, Coimbatore, 13th March 2021	Mar 2021	INTNL
11	E-dressing room	Dr. Gresha S Bhatia	International conference on software Engineering and Computer Science (ICSECS), New Delhi ,9th May 21	May 2021	INTNL
12	Video Analysis and Natural Language Description Generation System	Dr. Sujata Khedkar	Foundations and Applications	July2020	INTNL
13	Hateful Memes, Offesive or Non-Offensive !	Dr. Sujata Khedkar	4th Springer International Conference on Innovative Computing and Communication (ICICC-2021) Organized by Shaheed Sukhdev College of Business Studies, University of Delhi New Delhi., 20th-21th February, 2021	February 2021	INTNL
14	Swachh AI	Dr. Sujata Khedkar	4th Springer International Conference on Innovative Computing and Communication (ICICC-2021)Organized by Shaheed Sukhdev College of Business Studies, University of Delhi New Delhi., 20th-21th February, 2021	May 2021	INTNL
15	Divya-Drishti: An Independent Aid for the Visually Impaired	Dr. Sharmila Sengupta	International Conference on Advances in Science and Technology, in association with University of Mumbai & The IET, Mumbai Local Network, India on May 7 - 8, 2021	May 2021	INTNL
16	AiDD - Assisting the ADHD children and doctors	Dr. Sharmila Sengupta	International Conference on Advances in Science and Technology, in association with University of Mumbai & The IET, Mumbai Local Network, India on May 7 - 8, 2021	May 2021	INTNL
17	Narrating Images and Text through "NAYAN"	Dr. Sharmila Sengupta	International Conference on Advances in Science and Technology, in association with University of Mumbai & The IET, Mumbai Local Network, India on May 7 - 8, 2021	May 2021	INTNL
18	AI-Based Navigator for hassle-free navigation for visually impaired	Dr. Sharmila Sengupta	International Conference on Computer Communication and Informatics (ICCCI -2021), Jan. 27 – 29, 2021, Coimbatore, INDIA , IEEE	Jan 2021	INTNL

19	Processing images and building a Neural Network to identify diseases from images of Eye Sonography	Dr. Sharmila Sengupta	International Conference on Computer Communication and Informatics (ICCCI -2021), Jan. 27 – 29, 2021, Coimbatore, INDIA , IEEE	Jan 2021	INTNL
20	A comprehensive survey on skipper butterflies for Lepidopterists and butterfly enthusiasts	Dr. Sharmila Sengupta	3rd International Conference on Data and Information Sciences" ICDIS-2021, Springer, May 14-15, 2021 , RAJA BALWANT SINGH ENGINEERING & TECHNICAL CAMPUS, BICHPURI, AGRA	May 2021	INTNL
21	Named Entity Recognition for Rental Documents using NLP	Dr. Sharmila Sengupta	Springer book chapter in Information and Communication Technology for Intelligent Systems published in electronic and print format.	Jan 2021	INTNL
22	NAYAN-Narrator for the Visually Impaired	Dr. Sharmila Sengupta	2nd International Conference on IoT, Social, Mobile, Analytics and cloud Computational Vision and Bio-Engineering (ISMAC-CVB 2020)	Nov 2020	INTNL
23	Health Record System for India using EHR Standards: Systematic Adoption of ICT in Healthcare	Mr. Prashant Kanade	ICDIIS Conference with IOP Scopus Indexed Journal	Dec 2020	INTNL
24	AHP based modified ISO/IEC 25010 Quality Analysis Approach for Internet of Things. Proc	Mrs. Rohini Temkar	International Conference on Innovations in Smart Technology, Advanced Materials and Communication Engineering (ISTAMCE-2021).	Jun 2021	INTNL
25	IoT Controller	Dr. Anjali Yeole	International Conference on Recent Advances in Computational Techniques (IC-RACT) 2020	Oct 2020	INTNL
26	AI-Based Proctoring System for Online Tests	Dr. Anjali Yeole	4th International Conference on Advances in Scieces and Techology (ICAST 2021)	May 2021	INTNL
27	Prediction of an emerging zoonotic disease in an area using machine learning techniques to prevent its future outbreak as an epidemic	Dr. Anjali Yeole	4th International Conference on Advances in Scieces and Techology (ICAST 2021)	May 2021	INTNL
28	COVID-19 Care: Checking whether people are following social distancing and wearing face masks or not using Deep Learning	Mrs. Vidya Zope	INTERNATIONAL CONFERENCE ON IOT BASED CONTROL NETWORKS AND INTELLIGENT SYSTEMS (ICICNIS 2020)	Dec 2020	INTNL
29	Efficient Social Distancing Detection using Object Detection and Triangle Similarity	Mrs. Vidya Zope	5th International Conference on Advances in Computing and Data Sciences (ICACDS 2021)	April 2021	INTNL
30	A Deep Learning Approach to classify plant and detect disease.	Mrs. Vidya Zope	EQUINOX-2021	June 2021	INTNL
31	Prediction of Having a Heart Disease Using Machine Learning	Mrs. Indu Dokare	International Conference on Recent Advances in Computational Techniques (IC-RACT) 2020,Social Science Research Network (SSRN)/ Elsevier, Abstract Id 3697289	Oct 2020	INTNL
32	Recognition of Handwritten Devanagari Character using Convolutional Neural Network	Mrs. Indu Dokare	3rd IEEE International Conference on Signal Processing and Communication (ICSPC'21, 13th and 14th May 2021, at Karunya Institute of Technology and Sciences, Coimbatore, India.	May 2021	INTNL
33	TEXTLYTIC: Automatic Project Report Summarization using NLP Techniques	Mrs. Priya R. L	Soft Computing and Signal Processing: Proceedings of 4th ICSCSP 2021, 18 June 2021.	June 2021	INTNL
34	News Check: A Fake News Detection and Analysis System	Mrs. Priya R. L	International Conference on Soft Computing for Security Applications (ICSCS2021), 10-11, June 2021.	June 2021	INTNL
35	Concept for Mapping Carbon footprint with Change in Vegetation Cover and Population in India	Mrs. Priya R. L	International Conference on Automation, Computing and Communication 2020 (ICACC-2020) 27th - 28th June 2020, Published in ITM Web of Conferences; Les Ulis Vol. 32, Les Ulis: EDP Sciences. (2020), 29 July 2020	July 2020	INTNL
36	Proposed Idea on Detection of Retinoblastoma and its Response to Treatment	Mrs. Priya R. L	2nd International Conference for Emerging Technology (INCET) Belgaum, India. May 21-23, 2021	May 2021	INTNL
37	A Proposal for a novel approach to analyze and detect the fake news using AI techniques	Mrs. Priya R. L	3rd International Conference on Intelligent Sustainable Systems (ICISS), Thoothukudi, India, 3rd December 2020, pp. 582-589	Jan 2021	INTNL
38	"Analyzing the Impact of Deforestation and Population on Carbon Footprint in Indian cities using Statistical and Deep Learning Techniques"	Mrs. Priya R. L	rd International Conference on Soft computing and Signal Processing (ICSCSP-2020), Hyderabad, India, August 21-22, 2020	Aug 2020	INTNL
39	SAARTHI : Real-Time Monitoring of Patients by Wearable Device,	Mrs. Priya R. L	2020 Advanced Computing and Communication Technologies for High Performance Applications (ACCTHPA), Cochin, India, 2-4 July 2020, pp. 194-199	Oct 2020	INTNL
40	Cataract Eye Detection using Machine Learning Models	Mrs. Priya R. L	2nd International Conference on Emerging Technologies in Data Mining and Information Security (IEMIS 2020), Kolkata, India, 2nd-4th July, 2020	Jul 2020	INTNL
41	Suvarga – Promoting a Healthy Society	Mrs. Priya R. L	8th International Conference on Innovations in Computer Science & Engineering (ICICSE-2020), Hyderabad, India, 28th-29th August, 2020	Aug 2020	INTNL
42	A proposal for a novel approach to anlayze and detect the fake news using AI techniques	Mrs. Priya R. L	3rd International conference on Intelligent Sustainable systems (ICISS 2020), 3rd December 2020, SCAD Institute of TEchnology, Palladam, India.	Dec 2020	INTNL
43	Patang Abhidhani – Butterfly Research Survey	Mrs. Priya R. L	International conference on Computing, Communication, Electrical and Biomedical Systems (ICCCEBS 2021) at KPR Institute of Engineering and Technology, Coimbatore. 25th & 26th March 2021	Mar 2021	INTNL
44	Ensemble Methods with Bidirectional Feature Elimination for Prediction and Analysis of Employee Attrition Rate During Covid-19 Pandemic	Mrs. Priya R. L	3rd International Conference on Recent Trends in Advanced Computing – Artificial Intelligence and Technology-AIT-2020, VIT, India, 17-18 December 2020	Dec 2020	INTNL
45	Automated Intraday Trading for Maximizing Profit	Mrs. Lifna C S	AICTE Sponsored International E- Conference on Advances in Information Technology and Research	May 2021	INTNL
46	Ubiquitous Platform for classifying Chest diseases using Chest X-Ray	Mrs. Lifna C S	AICTE Sponsored International E- Conference on Advances in Information Technology and Research	May 2021	INTNL
47	Coreveillance—Making Our World a "SAFER" Place	Mrs. Lifna C S	Information and Communication Technology for Intelligent Systems. ICTIS 2020. Smart Innovation, Systems and Technologies, vol 196. Springer, Singapore.	Oct 2020	INTNL

48	Extraction of Tabular data from PDF to CSV files	Mrs. Abha Tewari	4th International Conference on Data Management, Analytics & Innovation,New Delhi 2020	Aug 2020	INTNL
49	Mental Health Chatbots and NLP - A Survey	Mrs. Abha Tewari	4th International conference on innovative computing and communications,Elsevier SSRN	Feb 2021	INTNL
50	AI Based autonomous driving assistance system	Mrs. Abha Tewari	5th International Conference on computing methodlies and communications.IEEE	Apr 2021	INTNL
51	Application of LSTMs and HAND in Rapid Flood Inundation Mapping	Mrs. Abha Tewari	IEEE - ICICCS 2021	May 2021	INTNL
52	ML and GIS-based Approaches to Flood Prediction: A Comparative Study	Mrs. Abha Tewari	Springer - CIIR 2021	May 2021	INTNL
53	Eklavya - Shaping the Leaders…	Mrs. Mannat Doultani	Springer ICTIS 2021	Apr 2021	INTNL
54	Smart Underwriting - A personalised virtual agent	Mrs. Mannat Doultani	2021 International Conference on Intelligent Computing and Control Systems(Elsevier)	May 2021	INTNL
55	A Brief Study on Approaches for Extractive Summarization	Mrs. Kajal Jewani	International Conference on Artificial Intelligence and Smart Systems (ICAIS 2021) organised by JCT College of Engineering and Technology, Coimbatore, India	Apr 2021	INTNL
56	A Proposal for Virtual Mental Health Assistant	Mrs. Kajal Jewani	7th International Conference on Advanced Computing & Communication Systems (ICACCS)	Mar 2021	INTNL
57	FireFighter Drone	Mrs. Kajal Jewani	5th International online Conference on Recent Trends in Big Data and IoT	July 2020	INTNL
58	Smart Employment System: An HR Recruiter	Mrs. Kajal Jewani	International Conference on Information and Communication Technology for Intelligent Systems ICTIS 2020: Information and Communication Technology for Intelligent Systems pp 753-763	Oct 2020	INTNL
59	Weather, Pollution Prediction and Ozone Level Detection Using ML	Mrs. Kajal Jewani	6th International Conference on Engineering Research and Innovations-EQUINOX-2021	17th - 18th June, 2021	INTNL
60	Smart Voting System Using Retinal Image Detection	Mrs. Kajal Jewani	6th International Conference on Engineering Research and Innovations-EQUINOX-2021	17th - 18th June, 2021	INTNL
61	Krishi Setu-Bridging the Value Gap	Ms. Sunita Suralkar	6th International Conference on Engineering Research & Innovations	Jun 2021	INTNL
62	Krishi Manch: Disease Detection In Rice Crops using CNN	Mrs. Rupali Hande	International Conference on Nascent Technologies in Engineering (ICNTE 2021)	Jan 2021	INTNL
63	Blockchain technology in Healthcare: The novel way to secure confidence	Mrs. Rupali Hande	International conference on Electronics and Sustainable Communication Systems (ICESCS 2020)	Aug 2020	INTNL
64	Fast Biometric Authentication System Based on Audio-Visual Fusion	Mrs. Rupali Hande	5th IEEE International Conference on Intelligent Computing and Control Systems [ICICCS 2021]	May 2021	INTNL
65	Bhavna - sentiment analysis using video colour magnification	Mrs. Rupali Hande	International Conference on Smart Data Intelligence (ICSMDI 2021),Organized by CSE & IT, Kongunadu College of Engineering and Technology	May 2021	INTNL
66	Equity Portfolio generation and optimization using Machine learning	Mrs. Rupali Hande	National Conference On Innovations & Research In Science & Technology (NCIRST-2021)	Jan 2021	INTNL
67	Smart Parking System Using IOT Technologies	Mr Sanjay Mirchandani	International Conference on Advances in Science and Technology (ICAST 2021)	June 2021	INTNL
68	Saathi – A smart IoT Based Pill Reminder	Mrs. Pallavi Saindane	Information and Communication Technology for Intelligent Systems. ICTIS 2020. Smart Innovation, Systems and Technologies, vol 196. Springer, Singapore	Oct 2020	INTNL
69	sVana- The sound of silence	Mrs. Pallavi Saindane	Information and Communication Technology for Intelligent Systems. ICTIS 2020. Smart Innovation, Systems and Technologies, vol 196. Springer, Singapore	Oct 2020	INTNL
70	Blockchain: A Solution for Improved Traceability with Reduced Counterfeits in Supply Chain of Drugs	Mrs. Pallavi Saindane	2020 International Conference on Electrotechnical Complexes and Systems (ICOECS), 2020, pp. 1-5	Dec 2020	INTNL
71	Performance Evaluation of Different Machine Learning Techniques using Twitter Data for Identification of Suicidal Intent	Mrs. Sunita Sahu	International conference on Electronics and Sustainable Communication Systems (ICESCS 2020)	July 2020	INTNL
72	AIDE – AI and IoT enabled home automation for Disabled and Elderly	Mrs. Sunita Sahu	2nd INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES IN DATA MINING AND INFORMATION SECURITY (IEMIS 2020)	July 2020	INTNL
73	Stress Detection of Office Employees Using Sentiment Analysis	Mrs. Sunita Sahu	2nd INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES IN DATA MINING AND INFORMATION SECURITY (IEMIS 2020)	July 2020	INTNL
74	Detection of Depression and Suicidal Tendency using Twitter posts	Mrs. Sunita Sahu	2nd INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES IN DATA MINING AND INFORMATION SECURITY (IEMIS 2020)	July 2020	INTNL
75	Data Mining based Researcher's Hub: An Online Platform for Searching and Booking Research Instruments	Mrs. Sunita Sahu	International Conference on Inventive Research in Computing Applications (ICIRCA)	15-17 July 2020	INTNL
76	A Study and Analysis of Impact of Meteorological Parameters on Pollen Count	Mrs. Sunita Sahu	International Conference on IoT Based Control Networks & Intelligent Systems - ICICNIS 2020	10-11, December 2020	INTNL
77	"Forecasting Airborne Pollen Concentration using Machine Learning and Pollen Taxa Classification using CNN"	Mrs. Sunita Sahu	International Conference on IoT Based Control Networks & Intelligent Systems - ICICNIS 2021	28-29, June 2021.	INTNL
78	A Comprehensive Study of AI based Steganalysis Techniques on Image and Text Documents	Mrs. Sunita Sahu	3rd International Conference on Data & Information Sciences, ICDIS-2021	May 2021	INTNL
79	Predicting the Impact of Air Pollutants on Rice and Wheat using Machine Learning	Mrs. Sunita Sahu	6th International Conference on Engineering Research and Innovations-EQUINOX-2021	17th - 18th June, 2021	INTNL

80	Analyzing and Enhancing Communication Platforms available for a Deaf-Blind user	Mrs. Yugchhaya Galphat	International Symposium on Sustainable Energy, Signal Processing & Cyber Security (IEEE-iSSSC 2020), December 16 – 17, 2020, IEEE Conference Record #50941 GIET University, Gunupur, India	Dec 2020	INTNL
81	A Survey on Detecting Influential User in Social Networking	Mrs. Yugchhaya Galphat	4th Biennial International Conference on Nascent Technologies in Fr. C. Rodrigues Institute of Technology Engineering	Dec 2020	INTNL
82	Allocation and Tracking of Public Funds using Blockchain	Mrs. Yugchhaya Galphat	4th Biennial International Conference on Nascent Technologies in Engineering ,Fr. C. Rodrigues Institute of Technology	Dec 2020	INTNL
83	Digital Land Registry System using Blockchain	Mrs. Yugchhaya Galphat	4 th International Conference on Advances in Science and Technology, (ICAST-2021) In Association With The Institution of Engineering and Technology (The IET, India) & University of Mumbai	May 2021	INTNL
84	BlockWheels - A Peer to Peer Ridesharing Network	Mr. Richard Joseph	2021 5th International Conference on Intelligent Computing and Control Systems (ICICCS)	May 2021	INTNL
85	Cyberbullying and Fake Account Detection in Social Media	Mr. Richard Joseph	4th International Conference on Advances in Scieces and Techology (ICAST 2021)	May 2021	INTNL
86	Food Aayush: Identification of Food and Oils Quality	Mr. Richard Joseph	International Conference on Integrated Emerging Methods of Artificial Intelligence & Cloud Computing (London, UK)	April 2021	INTNL
87	Employee Attrition Using Machine Learning And Depression Analysis	Mr. Richard Joseph	2021 5th International Conference on Intelligent Computing and Control Systems (ICICCS)	May 2021	INTNL
88	BeFit - A Real Time Workout Analyzer	Mr. Richard Joseph	International Conference on Sentimental Analysis and Deep Learning organized by Tribhuvan University, Nepal and Prince of Songkla University, Thailand	June 2021	INTNL
89	Digital Land Registry System using Blockchain	Mrs. Richa Sharma	4 th International Conference on Advances in Science and Technology, (ICAST-2021) In Association With The Institution of Engineering and Technology (The IET, India) & University of Mumbai	May 2021	INTNL
90	Smart Parking System Using IOT Technologies	Mrs. Mansi Talreja	International Conference on Advances in Science and Technology (ICAST 2021)	June 2021	INTNL
91	Size Invariant Ship Detection Using SAR Images	Dr.Shalu Chopra	International Conference on Computational Intelligence, Data Science and Cloud Computing	Aug 2020	INTNL
92	Secured Crowdfunding Platform using Blockchain	Mrs. Asha Bharambe	Springer-International Conference on Intelligent Computing and Networking ICICN-2020 (MULTICONW)	Feb 2021	INTNL
93	Consumer Behavior Analysis using Machine Learning Algorithms	Dr.(Mrs.) M. Vijayalakshmi	2020 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT)	July 2020	INTNL
94	Companion: Detection of Social Isolation in Elderly	Mrs. Smita Jangale	International Conference on Intelligent Computing, Information and Control SysItems (ICICCS) 2020	July 2020	INTNL
95	Implementing Electronic Voting System With Blockchain Technology	Dr.(Mr.) Manoj Sabnis	IEEE INTERNATIONAL CONFERENCE FOR EMERGING TECHNOLOGY	Oct 2020	INTNL
96	Sentiment Analysis Using Deep Learning-A survey	Dr.M Vijayalakshmi ,Dr.Mrs.Shalu Chopra	2020 International Conference on Computer Science, Engineering and Applications (ICCSEA)	Dec 2020	INTNL
97	Deep Learning Based Face Mask Detection and Crowd Counting	Mrs. Charusheela Nehete	2021 6th International Conference for Convergence in Technology (I2CT) Pune, India. Apr 02-04, 2021	Apr 2021	INTNL
98	DeepSight : Land Use and Land Cover Classification Using Satellite Images	Mrs.Jayshree Hajgude	IEEE 2nd International Conference of Emerging Technologies 2021(2nd INCET 2021) , Belgaum , Karnataka ,India	May 2021	INTNL
99	VR Photography Embedded Map With Grid Based Indoor Positioning	Mrs. Asha Bharambe	IEEE 2nd International Conference of Emerging Technologies 2021(2nd INCET 2021) , Belgaum , Karnataka ,India	May 2021	INTNL
100	Comparison of Pre-Trained Models Using Transfer Learning for Detecting Plant Disease	Dr.M. Vijayalakshmi ;Dr. Shalu Chopra,Bincy Chellapandi	2021 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS)	June 2021	INTNL
101	Sentiment Analysis using Deep Learning - A survey	Dr. Shalu Chopra;Dr. M. Vijayalakshmi ; Sneha Sukheja	2020 International Conference on Computer Science, Engineering and Applications (ICCSEA)	Dec 2020	INTNL
102	Monitoring Epidemic outbreaks using social media data	Mrs. Vidya Pujari	IEEE 2nd International Conference of Emerging Technologies 2021(2nd INCET 2021) , Belgaum , Karnataka ,India	May 2021	INTNL
103	A Survey on Recent Advances in Cyber Assault Detection using Machine Learning and Deep Learning	Shoba Krishnan, Nadir N. Charniya, Piyusha Pakhare	International Conference on Sentimental Analysis and Deep Learning (ICSADL 2021)	2 March 2020	INTNL
104	Malicious URL Detection using Machine Learning and Ensemble Modelling	Mrs.Shoba Krishnan, Dr. Nadir N. Charniya, Piyusha Pakhare	International Conference on Computer Networks, Big Data and IoT (ICCBI 2020)	15 Dec 2020	INTNL
105	Performance Analysis of Medical Image Denoising Techniques	Mrs.Ashwini Sawant	International conference on "Image Processing and capsule networks" (ICIPCN 2021)	27 - 28 May, 2021	INTNL
106	Comparison of Different Encryption Algorithm and Proposing an Encryption Algorithm	Mrs Rasika B. Naik	International Conference on Advances in Science and Technology	7-8 May 2021	INTNL
107	A Pseudo Random Binary Sequence Generator Based On Chaotic Logistic Maps	Mrs Rasika B. Naik	International Conference on Advances in Science and Technology	7-8 May 2021	INTNL
108	An overview of jamming attackes and countermeasures in WSN	Dr.Saylee Gharge	6th International conference on Engineering Research and Innovations	1 April 2021	INTNL

109	Auto gain ultra low signal transimpedance amplifier for blood diagnostic machine	Saroj Desai, Mrs.Nilima V Warke, Shivaji S Nawatake	First International Conference on Circuits, Signals, Systems and Securities ICCSSS 2020	December 11-12, 2020.	INTNL
110	Optimal Bipolar Lead Placement in Electrooculography (EOG): A Comparative Study with an Emphasis on Prolonged Blinks	Raj Anchan; Ashwin Pillay; ditya Kale; Aniket Bhadricha; Mrs.Sangeetha Prasanna Ram	2020 11th International Conference on Computing, Communication and Networking Technologies (ICCCNT)	1-3 July 2020	INTNL
111	Design and Construction of Programmable Time-to- Amplitude Converter	Aishwarya Salvi; Kanchan Chavan Prakash Vaidya	2020 4th International Conference on Trends in Electronics and Informatics (ICOEI)(48184)	17 July 2020	INTNL
112	Design and Construction of Low Cost High-Performance Transducer Signal Processing and Data Acquisition System	Harshal Katdare,Mrs. Nilima Warke; Prakash Vaidya	2020 4th International Conference on Trends in Electronics and Informatics (ICOEI)(48184)	17 July 2020	INTNL
113	Super-twisting Control of Magnetic Levitation System	Rupak Rokade and Mrs. Deepti Khimani	ITM Web Conf.	July 2020	INTNL

Institute Name	Vivekanand Education Society's Institute Of Technology
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Discipline	Engineering
Parameter	Book Chapter Details 2020-21

Sr. No.	Name of Faculty	Chapter Name	Book Name	Publisher	ISBN/ISSN Number	Year
1	Dr. Gresha S Bhatia	Vardaan – A fast Secure application to assist Organ Transplantation using Green Corridor	Intelligent Computing and Networking	Springer	ISBN 978-981-15-7420-7 ISBN 978-981-15-7421-4 (eBook)	Oct 2020
2	Dr. Gresha S Bhatia	Crop Prediction based on Environmental conditions and Disease Prediction	Information and Communication Technology for Intelligent Systems	Springer	ISBN: 978-981-15-7078-0	Oct 2020
3	Dr. Gresha S Bhatia	Extraction of Tabular data from PDF to CSV files	Data Management, Analytics and Innovation	Springer	ISBN: 978-981-15-5616-6	Aug 2020
4	Dr. Sujata Khedkar	Medical Review Analytics Using Social Media	Handbook of Research on Machine Learning" to be published by Apple Academic Press, CRC Press, Taylor & Francis Group.	Apple Academic Press	Hard ISBN: 9781774638682	Dec 2020
5	Dr. Anjali Yeole	Ensuring Security and Privacy in IoT for Healthcare Applications	Cognitive Engineering for Next Generation Computing: A Practical Analytical Approach	Wiely	ISBN: 978-1-119-71108-7	Apr 2021
6	Dr.Nandini M. Ammanagi, Ravi M. Yadahalli	Book Chapter: Slot Loaded Capacitive Fed Suspended RMSA with Meandered Ground Plane: A Recent	New Approaches in Engineering Research Vol. 14	B P International	https://doi.org/10.9734/bpi/naer/v14/3758F	Aug 2021
7	Dr.Manoj K Sabnis, Rohini Sawant	A Hybrid Approach For Detection Of Forgery In Video	ICT for Competitive Strategies	CRC Press	eBook ISBN 9781003052098	2020