



Vivekanand Education Society's Institute Of Technology

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

Journal / Conference Reviewer (AY 2022-23, 2021-22,2020-21)					
Sr. No.	Name of the Faculty	Name of the Journal / Conference	No. of Papers Reviewed	Type of Citation / Indexing (SCI / Scopus / Web of Science)	Month & Year
1	Dr, Nupur Giri	SPICON - 2022, Mumbai	6	SCI/Scopus / Web of Science	22nd - 23 December 2022
		Technical committee member of AICCC 2022 5th Artificial Intelligence and Cloud Computing Conference in Osaka, JAPAN	2	SCI/Scopus / Web of Science	17th -19 December 2022
		AICCC 2022 5th Artificial Intelligence and Cloud Computing Conference in Osaka, JAPAN	2	SCI/Scopus / Web of Science	17th -19 December 2022
		CITFN'2021 Edited Book: Combating Fake News with Computational Intelligence Techniques By Springer Studies in Computational Intelligence Series, Vol. 1001	1	CITFN'2021 Edited Book: Combating Fake News with Computational Intelligence Techniques By Springer Studies in Computational Intelligence Series, Vol. 1001	August 05, 2021
		ICACC2022, April 7-8	4	ICACC2022, April 7-8	April 7-8, 2022
		Reviewer - ICCICT-2021, SPIT Mumbai	4	IEEE	Jun 25-27, 2021
		Reviewer - ICCCA-2021	7	IEEE	30th October 2021
		Reviewer - Conference on Technologies for Future Cities (CTFC	3	IEEE	9-10 October 21, 2021

		IEEE CSCITA-2020 IEEE Xplore, Digital Library Reviewer	4	IEEE	June 2020
		Reviewer ICACC , June 27th - 28th 2020, RAIT	3	IEEE	April 2020
		Reviewer ICCDW2020 ICCDW- 2020 : First IEEE International Conference on Convergence to Digital World – Quo Vadis (ICCDW- 2020)	4	IEEE	February 2020
2	Dr. Gresha Bhatia	1st International Conference on Human-Centric Smart Computing,(ICHC SC 2022), 27-29th April 22,New Delhi	6	All accepted and presented manuscripts will be published in the book series of Springer named Smart Innovation, Systems and Technologies(SIST).	27-29th April 22
		Sardar Patel International Conference on Industry 4.0 - Nascent Technologies and Sustainability for 'Make in India' Initiative,SPICON - 2022, Mumbai	6	SCI/Scopus / Web of Science	22nd - 23 December 2022
		IEEE Access	1	SCI/Scopus / Web of Science	Open access Journal
		4th International Conference on Communication and Intelligent Systems (ICCIS 2022)	5	Scopus / Web of Science	December 19-20, 2022.
		3rd International Conference on Computer Vision and Robotics(CVR 2023)	5	Scopus / Web of Science	24-25 Feb 23
		Interdisciplinary Research in Technology & Management.Journal	6	Scopus / Web of Science	
		International Conference on Paradigms of Communication, Computing and Data Analytics	5	SCI/Scopus / Web of Science	April 22-23, 2023

2nd edition of Conference on Technologies for Future Cities 2021(CTFC 2021)	3	Papers published in IEEE Xplore.	8-9 October 2021
IEEE Access	3	Peer Reviewed Journal	17th July 21
"Cyber Security Threats and Challenges facing Human Life"		Book Reviewer, Taylor and Francis, CRC Press.	July 21
International Journal of Consumer Studies	1	International Journal of Consumer Studies	26 February 2022
Reviewer for an International conference		7 th International Conference on Innovations and	8-9 April 22
Reviewer - Web of Science Reviewer for AICTE sponsored International e-Conference on Advances in Information Technology and Research -ICAIRT -21, organized by Vidyalankar Institute of Technology, Wadala	4	Web of Science	31st May-1st June 22
CRC press Reviewer for CRC book - Design of Intelligent System using Machine Learning and Deep Learning,	4	CRC	20th Nov 2021

		ICIRTE-2022		Research in Technology & Engineering(ICIRTE-2022)In Association With Elsevier SSRN	
		Reviewer for International Conference IC-RACT 2020, Amity University	4	Elsevier	March 2020
3	Dr. Sharmila Sengupta	2CIML 2022 International Conference on Intelligent Computing and Machine Learning, which will be held in Qingdao, China,	2	SCI/Scopus / Web of Science	16th to 18th of December 2022.
		BioMed Research International, Hindawi	2	SCI/Scopus / Web of Science	21st Jan 2023
		Journal of CMC-Computers, Materials & Continua ISSN: 1546-2226	1	SCI/Scopus / Web of Science	14th April 2023
		Sardar Patel International Conference SPICON 2022 ,""Industry 4.0 - Nascent Technologies and Sustainability for 'Make in India' Initiative""	2	SCI/Scopus / Web of Science	13thNov 2022
		Permutation Array Constellations Based on Positive Integer Domain Part II: Word Error Probability in AWGN Channel	1	IEEE Access	24th Jan 2022
		"PAPR Reduction Methods based on Bit Flipping" in Chung-kuo Kung Ch'eng Hsueh K'an/Journal of the Chinese Institute of Engineers	1	Taylor and Francis	October 2021

		Reviewer for Papers - Reviewed IJLEO(International Journal for Light and Electron Optics), Elsevier Journal paper Title: Combating Nonlinear Power Amplifier--Blind PAPR Reduction by improving average power, Optik	2	Elsevier	17th June 2021
		Reviewer for paper "Using 3D Model and Simulation to Support the Force-On-Force Test of Physical Protection System" for IEEE Access.	2	IEEE	11th April 2021
		Reviewer for International Conference on Mrs. Industrial Instrumentation & Control (ici2c-2021) - Springer ISSN: 1876-1100	4	Springer	August 20th to 22nd, 2021
		Member of Editorial Board of Asian Journal of Convergence in Technology. - editor@asianssr.org	-	Crossref	January 21, 2021
		MIDAS 2020: International Conference on Machine Intelligence and Data Science Applications University of Petroleum and Springer Energy Studies	4	Springer	Sept 2020
4	Mrs. Priya R L	Reviewer for IAES International Journal of Artificial Intelligence	1	SCI/Scopus / Web of Science	Open Access Journal

		Reviewer for CIIS 2022 - International Conference on Computational Intelligence and Intelligent systems	1	Scopus / Web of Science	13th Oct 2022
		Reviewer for IAES International Journal of Artificial Intelligence	1	SCI/Scopus / Web of Science	4th Oct 2022
		Reviewer for an International conference CIIS-2022	1	CIIS 2020 conference proceedings indexed by Ei Compendex and Scopus.	April 2022
		Reviewer for "The 2nd International Conference on Artificial Intelligence Technology (CAIT 2021).	2	CONFERENCE PROCEEDINGS with ISBN 978-1-4503-8593-0, which is Ei Compendex, Scopus, etc.	25 June, 2021
		Reviewed a paper in the peer-reviewed Journal, "Discover Artificial Intelligence"	1	Discover Artificial Intelligence Journal	April 2022
5	Dr. Nandini Amangi	International Conference on Innovations in Computer Science, Electronics and Electrical Engineering 2022 (ICICEEE-2022).	3	Scopus (Elsevier) and CPCI – Web of Science	February 14-15, 2022
6	Dr. Ranjan Bala Jain	International conference on Data Engineering and Applications(Idea-2K22)	5	Springer	23-24 Dec. 2022

7	Dr.Sujata Khedkar	Reviewer for "5th Biennial International Conference on Nascent Technologies in Engineering" organized by Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, India	2	Scopus / Web of Science	Jan 20-21, 2023
		Reviewer for manuscript for Journal of Applied Artificial Intelligence.	3	Scopus / Web of Science	21st March 2023
		Reviewer for International Conference ICIRTE 2022 in association with Elsevier.	2	Scopus / Web of Science	8th and 9th April 2022
		Sardar Patel International Conference SPICON 2022 ,""Industry 4.0 - Nascent Technologies and Sustainability for 'Make in India' Initiative"	2	Scopus / Web of Science	Sardar Patel College of Engineering Mumbai Mumbai, India, December 22-23, 2022
		Reviewer - Web of Science Reviewer for AICTE sponsored International e-Conference on Advances in Information Technology and Research -ICAIRT -21, organized by Vidyalankar Institute of Technology, Wadala, Mumbai	4	Web of Science	30th May- 1st June 2021
		Reviewer - Springer Journal of Big Data	3	Springer	4th March 2021
		Reviewer - 2nd International Symposium on Automation, Information and Computing (ISAIC 2021) is organized by Beijing Jiaotong University	4	Scopus	December 3rd-6th, 2021

		Reviewer for Papers - Springer Big Data Journal	4	Springer	19th December 2021
		Reviewer for Papers - ICNTE 2021 ,Father Agnel COE, Navi Mumbai	3	IEEE	Jan 15-16,2021
		AICTE Sponsored International E- Conference on Advances in Information Technology and Research (ICIATR)	4	Organized by VIT	31/5/21 to 1/6/2021
8	Mr. Prashant Kanade	IIP Proceedings	1	Scopus / Web of Science	2023
		Reviewer - Advances in Science, Technology and Engineering Systems Journal (ASTESJ)	3	Scopus	October 2020
		Member of Editorial Board of Asian Journal of Convergence in Technology.	-	Crossref	January 2021
9	Dr. Anjali Yeole	Reviewer - ICCICT-2021, SPIT Mumbai	3	IEEE	Jun 25-27, 2021
		Applied Intelligence and Sustainable Computing (ICAISC-2023) during 16th-17th June, 2023	3	IEEE	24th & 25th March 2023
		Sardar Patel International Conference SPICON 2022	6	IEEE	14 Nov 2023

10	Mrs. Indu Dokare	Reviewer - International E- Conference on Advances in Information Technology and Research (ICAITR)-2021	4	Web of Science	31st May and 1st June, 2021
11	Lifna C S	9th Somaiya International Conference on Technology and Information management (SICTIM) 2023	5	Scopus	12-1-2023
12	Mrs. Priya R. L	Reviewer - Artificial Journal Review	1	Springer	25th April 2021 - 14th May 2021
		Reviewer - Artificial Journal Review	1	Springer	25th June 2021

		Reviewer - Technical Program Committee -Reviewer ICCICT-2021	4	IEEE	25th March 2021
13	Mrs. Sunita Sahu	Reviewer for 13th International Conference on Computational Intelligence and Communication Networks (CICN 2021). IEEE	3	IEEE	22-23 sep 2021
		Reviewer for The 10th International Conference on Communication Systems and Network Technologies 2021 (CSNT 2021). IEEE	3	IEEE	18-19 june 2021
		Reviewer for CICN 2022 (2022 14th International Conference on Computational Intelligence and Communication Networks (CICN)).	3	Scopus / Web of Science	7th February, 2023
		Reviwer for International Journal of Computer Theory and Engineering.	1	/Scopus / Web of Science	December 4-6, 2022
		National Virtual Conference on RECENT DEVELOPMENT OF 6G WIRELESS COMMUNICATIONS (RDWC2022) sponsored by AICTE	3	Scopus / Web of Science	13 - 15 Dec 2022.
		International Journal of Applied Artificial Intelligence	1	Scopus / Web of Science	13-15 Dec 2022
14	Asma Parveen I.S	XVIII Control Instrumentation System Conference (CISCON-2021	3	Springer Nature(scopus indexed)	26-27 Nov 21
15	Madhumati Khuspe	Universal Human values	3	AICTE Delhi	2-6 July 2020-21
16	Sangeetha Prasanna Ram	Elsevier Journal –Measurement	1	Indexed in SCI, Scopus and Web of Science	April 2021

17	Mrs.Nilima Warke	Review of Scientific Instruments Journal	1	SCI/Web of science	2020-21
18	Dr. Ranjan Bala Jain	4th Biennial International Conference on Nascent Technologies in Engineering organized by Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, (India) in its premises in association with IEEE & IAS on January 15-16, 2021(ICNTE - 2021)	2	IEEE	January 2021
19	Dr. Ranjan Bala Jain	Judge SCOE- Aavishkar 2021, a national level project competition at saraswati College of Engineering Kharghar, Mumbai	10	NA	April 2021
		4th Springer International conference on Data Engineering & Applications (IDEA 2K2)	3	Springer	23-24th Dec 2022
20	Dr. Rasika Naik	2023 IEEE Pune Section International Conference	8	IEEE	14-16 Dec 2023
21	Dr. Ashwini Sawant	International Journal of Computational Intelligence Systems , SPRINGER Journal	2	Springer	9th July 2023

Best Paper Awards(AY 2022-23,2021-22,2020-21)

Sr. No.	Name of Awardee	Paper title	Awarded By	Academic Year
1	Mrs. Priya R. L	Statistical analysis for land use plastic waste in India using AI	SPICON 2022 conference held on 22nd-23rd Dec 2022 by SPCE Mumbai	22-23
2	Mrs. Vidya Zope	EMOTSQUAD: Emotion Detection and Attendance Management System	SIES Graduate School of Technology, Nerul Navi Mumbai.	22-23
3	Shalu Chopra	Voice-Cast(Podcast ,Live Streaming and Audio Books Service)	IEEE	2022-23
4	Shanta Sondur,	Data Validation for Eligibility Criteria and Death Benefit Claims for Insurance Policies	IEEE	2022-23
5	Mrs. Rasika Naik	Oscillators Vlab	“ Special Mention “award by The GOLC Online Laboratory Award 2023	2022-23
6	Mrs. Indu Dokare	Vegetable and Fruit leaf diseases detection using ResNet	International conference Interdisciplinary Research in Technology and Management ,Feb 2022	2021-22
7	Dr. Sharmila Sengupta	Vayu - A proposal to address the SDG for maintaining AQI through 5G/6G mobile network	International Conference on Interdisciplinary Research in Technology and Management held during 24th -26th Feb 2022, IFET college of Engineering	2021-22
8	Mrs. Vidya Zope	AttenQ - Attention Span Detection Tool for Online Learning	Techxter 11.0, National Level Paper Presentation Competition organized by SIES graduate school of technology, Mumbai	2021-22

SIH/Other National International level Mentors(AY 2022-23,2021-22,2020-21)

Sr. No.	Faculty Name	Academic Year	Event/Place	Project Title	Awards / Achievement	Abstract
1	Dr. Nupur Giri	2022-23	Goyang South Korea	Skill - Mobile Application Development	Worldskills- special Edition Expert 2022, Goyang South Korea	WorldSkills Competition 2022 Special Edition was the official replacement for WorldSkills Shanghai 2022, cancelled in May due to the pandemic. Thanks to the commitment of the Partners and Members, 62 skill competitions were held over 12 weeks in 15 countries and regions between 7 September and 26 November 2022 Mobile Applications Developers use technology and design to create apps which are appealing and function well on phones
2	Dr Sujata Khedkar	2022-23	National Level Project Exhibition Tech4Good 2022	Emotional AI Enabled Interview Aid	3rd Prize winner in Software Track	Emotions help in providing additional meaning to the text written or words spoken by a person. They play an important role in several sectors such as maintaining a good relationship with customers by analyzing their feedback, analyzing the candidate's speech and text to know their emotions and interest in the company, and so on. In this paper, we focus on extracting the emotions of interview candidates and analyzing their text and speech so that a company can find a better fit for the company as well as the candidate can know what meaning or emotion his/her speech or text conveys. Audio and text datasets are used which are preprocessed and fed to the Machine Learning models which help in classifying the emotion and analyzing them to provide analysis of the input given. Using this application, companies and candidates can get a good overview and brief analysis of the speech/text.
3	Dr. Sharmila Sengupta	2022-23	IEEE Ideathon-2022 An Online Idea Competition	MAHARASHTRA TOURISM APPLICATION	Mentor	The IEEE Power & Energy Society, in partnership with MathWorks, has the pleasure to announce the ideathon'22. The program provides an opportunity for students to learn, imagine and develop projects related to the energy domain IEEE Ideathon-2022

4	Prof. Richard Joseph	2022-23	Ministry: AICTE, MIC-Student Innovation Nodal Center: Techno Inter New Town, Kolkata	Problem Statement: Speech Emotion Recognition	SIH Winner (Prize: Rs. 1,00,000/-)	The solution should analyze the caller's voice on live ongoing calls being attended by the caller in the Emergency Response System. After analyzing the voice of the caller, the solution should predict the emotional/ mental condition of the caller. The solution should predict/suggest the following about the caller Stressful Voice Drunk Voice Prank Voice Abusive Voice Painful Voice Or any mental condition.
5	Prof. Pallavi Saindane	2022-23	Ministry: AICTE, MIC-Student Innovation Nodal Center: IES College of Engineering, Bhopal	Problem Statement: Gamification in Tourism to empower local businesses (Student Innovation - Travel & Tourism - SM952)	SIH Winner (Prize: 75,000/)	<p>In 2019, the tourism industry contributed 6.9% of India's GDP and 8% of its total employment. However, the tourism economy plummeted by a mammoth 93.3 percent in the first quarter, showing no respite even in Q3 of FY 2020-21. It has also been observed that most tourism applications provide limited information majorly including well-known locations. Thus, we present Tourify, an application that integrates gamification features in the form of quests and aids in the promotion of tourism and empowering underrated small businesses that have the potential to reach great heights but are under the radar by connecting them with tourists.</p> <p>Tourify features a quest system in which users can create as well as complete quests to earn Quest points. Quests can harbor a variety of different tasks ranging from clicking a simple photo of a shop, restaurant, etc. to traveling to certain places. These points enable us to climb a leaderboard and earn Exchange points per 100 new Quest points which as the name suggests can be used to exchange offers with the partnered venues. Additionally, to ensure security, new quests (places) are undergone a probationary period of 30 days which will only be available for local users after which a partnership is formed if the rating is satisfactory. Tourify follows the principle of "By the users, for the users". Our aim is to create an ecosystem where users who discover new underrated places will get a platform & incentive to act as a beacon to attract other tourists which ultimately leads to the overall growth of tourism.</p>
6	Dr. Manoj Sabnis	2022-23	Organization: International Council for Circular Economy (ICCE). Nodal Center: NIT	The title of problem statement was Tracking of supply chain and reverse logistics of products to reduce environmental impact. The app will also automatically classify the type of waste for	Silver Medal	ZeroWaste, developed by team TechItUp, is an application designed to monitor the supply chain and reverse logistics of products, assessing their adverse environmental and social impacts across the value chain. The app features a manufacturer dashboard for demand prediction, collaboration with waste recycling plants, carbon footprint estimation, and insights to aid in efficient recycling planning. It also facilitates connections between NGOs, manufacturers, and consumers, also offering learning modules on recycling. The top 5 benefits

			Silchar, Assam.	easy recycling. Consumers can also resell their excess products.		of ZeroWaste include enabling the circular economy through donation or recycling, preventing losses from unsold products by returning them to manufacturers or redirecting them to high-demand areas, rewarding users with discounted scratchcards for charitable acts, promoting awareness through in-app DIY videos and historical sales data analysis, and highlighting the environmental sustainability of products. Furthermore, the application emphasizes advanced security measures, including rigorous verification of GST numbers to safeguard users from potential fraud.
7	Mrs. Manisha C.	2022-23	Ministry: AICTE, MIC-Student Innovation Nodal Center: Sri Shakthi Institute of Engineering and Technology, Tamil Nadu	Enabling alternative accessible strategies for persons with speech impairment.	Winner (Prize money of Rs 1Lacs)	The project created was a Chrome extension for the Google Meet software that would help sign language users in communicating seamlessly with users who use speech as a form of communication. After downloading the chrome extension on the google meet, four additional buttons will be accessible to all the participants, "Host the Hand Sign", "Show Text", "Help" and "Gestures". An ASL user who has downloaded the extension can communicate with other participants in the google meet with the help of sign language. The ASL user has to press the "Host the Hand Sign" button to turn on his local device camera and enact his/her hand gestures. The coordinates of these hand gestures are converted into CSV data through the MediaPipe module, with the help of an API. Based on these coordinates, the backend model will recognize the gesture class and display the text and speak it out as speech for others in the meet. The "Help" button can help users to get a better understanding of sign language and also maintain a uniform language to communicate for all. Lastly the "Gesture" button was added so that a non sign language user can respond with certain signs which will be displayed on the user's screen as a hand sign.
8	Prof. Pallavi Saindane	2022-23	Competition organized by IIT Jodhpur & NVIDIA	PROMETEO (GAME JAM)	5th Rank -	<p>A game jam is an accelerated opportunistic game creation event where a game is created in a relatively short time frame exploring given design constraint(s) and end results are shared publicly.</p> <p>Interactive Simulation Developers(InSiDe), IIT Jodhpur and Technology Innovation Hub (i-hub Drishti) presents Game Jam in Youth Conclave 2022 that invites game developers to develop innovative games on the themes:</p> <ol style="list-style-type: none"> 1. Indian culture and ethos 2. Alternate physics 3. Save the green planet 4. Biosphere in Metaverse 5. Theory of Mind. <p>As a collective Nation building responsibility, CiiA has launched an initiative to encourage innovations at grassroot level in schools, colleges, engineering</p>

						National Level Project Exhibition colleges to promote project building skills in the students.
9	Dr. Sharmila Sengupta	2022-23	CIIA-National Level Project Exhibition	----	Mentor	Vivekananda Education Society's Institute of Technology wanted to host a national level technical conclave in the virtual medium. Tech4Good 2022 was slated to be a pan-India tech fest where students from different institutions could take part in various competitions, present their projects as well as learn from multiple workshops. Read the Tech4Good virtual conclave case study to find out how the solutions we provided. National Level Conclave
10	Dr. Prashant Kanade	2022-23	Tech4Good 2022, National Level Conclave	--	Mentor for Software track	As a collective Nation building responsibility, CiiA has launched an initiative to encourage innovations at grassroots level in schools, colleges, engineering National Level Project Exhibition colleges to promote project building skills in the students
11	Dr. Prashant Kanade	2022-23	CIIA-National Level Project Exhibition	----	Mentor	As a collective Nation building responsibility, CiiA has launched an initiative to encourage innovations at grassroots level in schools, colleges, engineering National Level Project Exhibition colleges to promote project building skills in the students.
12	Prof. Richard Joseph	2021-22	Ministry Madhya Pradesh Police Nodal center: Techno International New Town, Kolkata, West Bengal Grand Finale: 25-26th August 2022	Problem statement Speech Emotion Recognition (SER) on live calls while creating events. (AT989)	Winner (Prize Rs. 1,00,000/-)	The solution should analyze the caller's voice on live ongoing calls being attended by the caller in the Emergency Response System. After analyzing the voice of the caller, the solution should predict the emotional/ mental condition of the caller. The solution should predict/suggest the following about the caller Stressful Voice Drunk Voice Prank Voice Abusive Voice Painful Voice Or any mental condition.

13	Prof. Pallavi Saindane	2021-22	Ministry: AICTE, MIC-Student Innovation Nodal Center: IES College of Engineering, Bhopal Grand Finale: 25-26th August 2022	Problem Statement: Gamification in Tourism to empower local businesses (Student Innovation - Travel & Tourism - SM952)	1st Runner Up (PrizeRs. 75,000/-)	<p>In 2019, the tourism industry contributed 6.9% of India's GDP and 8% of its total employment. However, the tourism economy plummeted by a mammoth 93.3 percent in the first quarter, showing no respite even in Q3 of FY 2020-21. It has also been observed that most tourism applications provide limited information majorly including well-known locations. Thus, we present Tourify, an application that integrates gamification features in the form of quests and aids in the promotion of tourism and empowering underrated small businesses that have the potential to reach great heights but are under the radar by connecting them with tourists.</p> <p>Tourify features a quest system in which users can create as well as complete quests to earn Quest points. Quests can harbor a variety of different tasks ranging from clicking a simple photo of a shop, restaurant, etc. to traveling to certain places. These points enable us to climb a leaderboard and earn Exchange points per 100 new Quest points which as the name suggests can be used to exchange offers with the partnered venues. Additionally, to ensure security, new quests (places) are undergone a probationary period of 30 days which will only be available for local users after which a partnership is formed if the rating is satisfactory.</p> <p>Tourify follows the principle of "By the users, for the users". Our aim is to create an ecosystem where users who discover new</p>
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						underrated places will get a platform & incentive to act as a beacon to attract other tourists which ultimately leads to the overall growth of tourism.
14	Mrs. Manisha Chattopadhyay	2021-22	Department of Empowerment of Persons with Disabilities (Divyangjan), Ministry of Social Justice and Empowerment, AICTE, SIH-2022	A Chrome extension for the Google Meet software that would help sign language users in communicating seamlessly with users who use speech as a form of communication.	Winner : Rs. 100000 Prize	The project created was a Chrome extension for the Google Meet software that would help sign language users in communicating seamlessly with users who use speech as a form of communication. After downloading the chrome extension on the google meet, four additional buttons will be accessible to all the participants, "Host the Hand Sign" , "Show Text" , "Help" and "Gestures" . An ASL user who has downloaded the extension can communicate with other participants in the google meet with the help of sign language. The ASL user has to press the "Host the Hand Sign" button to turn on his local device camera and enact his/her hand gestures. The coordinates of these hand gestures are converted into CSV data through the MediaPipe module, with the help of an API. Based on these coordinates, The backend model will recognize the gesture class and display the text and speak it out as speech for others in the meeting. The "Help" button can help users to get a better understanding of sign language and also maintain a uniform language to communicate for all. Lastly the "Gesture" button was added so that a non sign language user can respond with certain signs which will be displayed on the user's screen as a hand sign.
15	Mr. Manoj Sabnis	2021-22	NIT Silchar, Gawhati	Tracking of supply chain and reverse logistics of products to reduce environment impact	Silver medal	ZeroWaste is an idea to track the supply chain and reverse logistics of products. It connects Consumers, Manufacturers, recycling plants, and NGOs through a unified portal. The aim is to promote sustainability and help the underprivileged. The application has three modules - consumer, Manufacturer, and NGO. Consumers can place orders in bulk, recycle, donate or resell surplus products. For consumers we provide Environment Saving Values for each product, thereby educating them about the carbon footprint of each product. The manufacturers can see the quantity predictions for a particular product category, connect with recycling units and donate. Manufacturers can also visualize the locations from where they are getting more demand and target their production in that area. For every 10 kg of waste recycled, we will be planting a tree. The NGOs can add their needs and if a consumer or manufacturer chooses to donate and it matches any NGO need, we will connect them. Thus promoting the 3Rs, Reduce, Reuse and Recycle.

						<p>group similar types of alarms as per equipment, units and plants along with the identification of the critical alarms on the basis of process history. - Identification of false positive and false negative alarms to be provided by the system. - Alarm analysis report to be notified to the authorized user on a daily basis via mail. For ex- Developing the platform that identifies the patterns from the large volumes of alarms on the basis of history alarms and sequence of process events and shall provide the prediction for the deviation associated with process and related assets.</p>
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BOS Members (AY 2022-23,2021-22,2020-21)

Sr. No.	Faculty Name	Position at BOS	University/ Institute	Department Specialization	Year
1	Dr. J. M. Nair	Member, Board of Studies, ExTC Department	University of Mumbai.	Electrical Engineering	Since 2017 till Date
		Coordinator, Syllabus Revision Committee	University of Mumbai.	Department of Instrumentation Engineering	Since 2017 till Date
		Member of Syllabus Committee for Post Graduate & Under Graduate	University of Mumbai.	Instrumentation & Control branch	Since 2017 till Date
2	Dr .M Vijayalakshmi	Member of BOS	University of Mumbai.	Information Technology/ Database, AI, Data Mining group	Since 2016 till Date
3	Dr. Shalu Chopra	Member of BOS	University of Mumbai.	Information Technology/ Software Engineering Group	Since 2016 till Date
4	Dr. Gresha S Bhatia	Ph.D. Subject expert	Symbiosis Institute of technology , Pune	Computer Engineering	22-23
		Ph.D. RPC member	Pillai CoE, Mumbai University, RAIT, D Y Patil University	Computer Engineering	22-23
5	Dr. Sujata Khedkar	Ph.D. RPC member	RAIT, D Y Patil University	Computer Engineering	22-23
6	Dr. T. Rajani Mangala	Member of BoS	University of Mumbai.	Electronics Engineering	2019-2022
		Co-Ordinator for Linear Integrated Circuits, Machine Learning and Neural Networks and Fuzzy Logic	University of Mumbai.	Electronics Engineering	2019-2022
7	Dr. Ramesh K. Kulkarni	Member	University of Mumbai.	Electronics & Telecommunication	Since 2016 till 2022
		Member	K J Somaiya College of Engineering	Information Technology	Since 2018 till 2021

8	Dr. Nupur Giri	Member	Thakur College of Engineering & Technology	Computer Engineering	Since 2019 till 2022
		PhD. RR Committee member	K J Somaiya College of Engineering	Computer Engineering	Since 2019 till 2022
		Subject Expert, PhD. Selection	Finolex College Management and Technology Ratnagiri	Computer Engineering	Since 2019 till 2022
		PhD. RR Committee member	Thakur College of Engineering & Technology	Computer Engineering	Since 2019 till 2022

**Other National / International
Awards(AY 2022-23,2021-22,2020-21)**

Sr. No.	Faculty Name	National/ International / State	Summary (not more that 150 words)	Awarded By	Academic Year
1	Dr. J. M. Nair	National	Selected as "Outstanding Leader in Higher Education" at 2nd Elets Education Innovation Summit	Elets Technologies	2022-23
2	Mrs. Asma Parveen I Siddavatam	National Level	Won 4th Prize with Cash prize of Rs.20,00,000 lacs INR at the Swadeshi Microprocessor Challenge, organized by the Ministry of Electronics and Information Technology in collaboration with CDAC, IIT Madras, IIT Bombay and Makervillage	Ministry of Electronics and Information Technology	2021-22
3	Dr. Nupur Giri	State Level	Appointment as Judge MU-State Level : Avishkar	MU-State Level : Avishkar	2021-22
		National Level	Participation as Jury -Mobile Application Development Indiaskills - Regional (South)	Indiaskills - Regional (South)	2021-22
		National Level	Participation as Jury-Mobile Application Development Indiaskills - National –Level	Indiaskills - National -Level	2021-22
4	Mrs.Priya R L	International Level	Contribution as a Chair for Cybersecurity Workshop	International organized by WorldResources Webinar	2021-22
5	Mrs. Indu Dokare	International Level	Vegetable and Fruit leaf diseases detection using ResNet Authors: Hanisha Mohinani, Vinita Chugh, Shivanghee Kaw, Om Yerawar, Indu Dokare	International Conference On Interdisciplinary Research in Technology & Management	2021-22

6	Mrs. Indu Dokare	International Level	Prime Era - One Place for Learning Fundamentals Of Regional Languages Members: Siddhesh Gadge, Kedar Kharde, Rohit Jadhav, Siddhesh Bhere Mentor : Mrs. Indu Dokare	VISAI 2022 International Project competition - VIRTUAL 12th INTERNATIONAL PROJECT COMPETITION AND EXHIBITION	2021-22
7	Abha Tewari	National Level	National Level Project Competition : e-Yantra Innovation Challenge (eYIC 2020-21) held on 30th and 31st July, 2021	IIT Bombay	2021-22
8	Pallavi Saindane	National Level	Project Mentor Title (Android Memory Game for Kindergarten Students) - Selected in Top 100 Innovations CIIA Inter-Institution Students Innovation Exhibition & Competition held on 29h-30h March 2022 at Nehru Centre, Worli, Mumbai	CIIA	2021-22
9	Veena Trivedi	National Level	Project Mentor Title (Vote Chain- A decentralized Voting System) Inter-Institution Students Innovation Exhibition & Competition held on 29h-30h March 2022 at Nehru Centre, Worli, Mumbai	CIIA	2021-22
10	Nusrat Ansar	National Level	Project Mentor Title (Covid Detection using chest X ray) - Selected in Top 100 Innovations CIIA Inter-Institution Students Innovation Exhibition & Competition held on 29h-30h March 2022 at Nehru Centre, Worli, Mumbai	CIIA	2021-22

11	Dr Sujata Khedkar	State Level	Appointment as Judge : MU-State Level : Avishkar (UG 12 Projects , PG 15 Projects)	Mumbai University	2021-22
		National Level	Project Mentor Title(Emotional AI based Interview Aid) own third prize Tech4Good 2022 National Level Project Competition, Organized by VESIT, Chembur	VESIT	2021-22
		National Level	Project Mentor Title(Adverse Drug Reaction Detection from Covid-19 Vaccine safety data) in association with CereLab own third prize in Project ,VESIT	VESIT	2021-22
12	Mannat Doultani	National Level	Amigo: A Virtual Friend) - Selected in Top 100 Innovations CIIA	CIIA-Inter-Institution Students Innovation Exhibition & Competition held on 29h-30th March 2022 at Nehru Centre, Worli, Mumba	2021-22
13	Dr. Ranjan Bala Jain	International Level	The GOLC invites you to submit a successful Online Laboratory course, site, and product or success story, from a university or other institution or school. Awards are given for outstanding laboratories in three categories. The GOLC Online Laboratory Award 2021 in the category simulation is presented to Optical Fiber Communication Virtual Lab submitted by Dr. Ranjan Bala Jain, Professor, Department of Electronics & Telecommunications. This has been Awarded during the 18th International Conference on Remote Engineering and Virtual Instrumentation (REV2021)	Global Online Laboratory Consortium	2020-21
	Dr. Ranjan Bala Jain	National Level	Dr. A P J Kalam Teacher's Excellence Teaching Award 2020	AICTE & Shikshak Kalyan Foundation	2020-21
			Designed and Developed System serves as a calibrator for nuclear spectroscopy applications. It is based on the	Ministry of Electronics and Information	2020-21 5th Feb -21(1laks)

14	Asma Parveen I .Siddavatam	National Level	Interpolation and Sliding method. Developed using Swadeshi Microprocessor under #AtmaNirbharBharat initiative, it provides an import substitute for costly and restricted High-end Nuclear Instruments. Modified low-cost versions are useful in various applications to calibrate multiple instruments (Astrophysical Spectroscopy System, amplifiers, pulse generators, ADCs, etc.), pulse and waveform generators for basic and stochastic experiments.	Technology, Govt. of India in collaboration with C-DAC (Center for Development of Advance Computing), IIT Bombay, IIT Madras, MyGov and MakerVillage	2020-21 4th sept 21(4 lakhs)
					2020-21 3rd Dec 21(20 lakhs)
15	Dr. Nupur Giri	National Level	Dr. (Mrs.) Nupur Giri has received a grant for "Artificial Intelligence Model For Epidemiology Of Tuberculosis" The Tuberculosis Association of India, "Short Term Research Projects": Financial Assistance Scheme - 2020-2021,of Rs.30,000	The Tuberculosis Association of India	2020-21
16	Dr. Gresha Bhatia	National Level	Mentor : Project Titled "AI-based prediction for early detection of Tuberculosis in India based on environmental factors" - Shortlisted for Chatra Vishwakarma Awards 2021, Regional Convention	AICTE, Ministry of HRD, Govt. of India	2020-21
		National Level	Ref.No.-202121021574 App.No.-TEMP/E-1/23986/2021/MUM Date/Time-2021/05/13 11:36:31 CBR No.-11111 Dr. Gresha Bhatia, Mrs.Abha Tewari,Mr.Abhinav Sharma,Mr.Dhiren Soneji,Mr.Shubham mishra Title of the invention-System to Monitor and Implement COVID Appropriate protocol Area- Artificial intelligence	Patent Filed	2020-21
17	Dr. Sharmila Sengupta	University of Mumbai	Dr. Mrs. Sharmila Sengupta, Associate Professor of CMPN Department was conferred with Ph.D. through online open defense on 25th June 2020 on the topic ' PAPR reduction in MIMO-OFDM using modified PTS scheme' under the guidance of Dr. B. K. Lande by the University of Mumbai.	University of Mumbai	2020-21
		National	Mentor for a project titled "AiDD -Assisting children and doctors." - Winner of VNPS : VCET'S National Level Project Showcase 2021	VNPS	2020-21
		National	Mentors : "IIC National Innovation Contest 2020" : 'AiDD:Assisting ADHD children' were nominated for regional level mentoring.	IIC	2020-21
		University of Mumbai	Dr. Mrs. Sujata Khedkar was conferred with Ph. D. through online open defense on 23rd Feb 2021 on the topic "Big Data Analytics for Business Intelligence", under the guidance of Dr. Subhash K. Shinde,Thadomal Sahani COE, Bandra by University of Mumbai.	University of Mumbai	2020-21

18	Dr. Sujata Khedkar	National	Mentor : "IIC National Innovation Contest 2020 : 'AI based attendance marking system incorporated with corona precautionary' were nominated for regional level mentoring."	IIC	2020-21
		National	Mentor : The project 'Swachh AI' was shortlisted to be demonstrated in Techniche 2020, the annual Techno-Management festival at IIT Guwahati and got selected in the top 20 amongst more than 300 applications.	IIT Guwahati	2020-21
17	Mrs. Vidya Zope	National	Mentor: Project Titled "COVID -19 'Care: Face Mask and Social distancing detection using Deep Learning"- EYIC 2021 Finalist	IIT Bombay	2020-21
19	Mrs. Priya R L	National	Mentor: Project Titled 'Ctrl-Alt-Elite: Social Distancing and Mask Detection using Artificial Intelligence-EYIC 2021 Finalist	IIT Bombay	2020-21
		National	Mentor : Project Titled 'Ethnicity of India: Diversity in culinary practices. ऋष्येक्याम Bhara' - Toycathon 2021 Finalist	Ministry of Education's Innovation Cell with support from AICTE	2020-21
20	Mrs. Abha Tewari	International	Mrs. Abha Tewari received an AI for Earth Microsoft Azure Compute Grant for "Monitoring and Assessing Coral Reefs in Oceans"	Microsoft	2020-21
		Patent	Ref.No.-202121021574 App.No.-TEMP/E-1/23986/2021/MUM Date/Time-2021/05/13 11:36:31 CBR No.-11111 Dr.Gresha Bhatia,Mrs.Abha Tewari,Mr.Abhinav Sharma,Mr.Dhiren Soneji,Mr.Shubham mishra Title of the invention-System to Monitor and Implement COVID Appropriate protocol Area- Artificial intelligence	Patent Filed	2020-21
		National	Mentor for Project Titled "Mask Detection System" - VCET Hackathon 2021 1st Runner Up	VCET	2020-21
		National	Mentor : Project titled 'Rainfall Mrs. Induced landslide monitoring system in Uttarakhand' - EYIC 2021 Finalist	IIT Bombay	2020-21
		National	Mentor : Project Titled "MentalEase- A Virtual Mental Health assistant" - Shortlisted for Chatra Vishwakarma Awards 2021, Regional Convention"	All India Council for Technical Education (AICTE), Ministry of Human Resource Development, Govt. of India	2020-21
		International	Mrs. Mannat Doultani received an AI for Earth Microsoft Azure Compute Grant for "Monitoring and Assessing Coral Reefs in Oceans"	Microsoft	2020-21
21	Mrs. Mannat Doultani	National	Mentor : Project Titled 'Ethnicity of India: Diversity in culinary practices. ऋष्येक्याम Bhara' - Toycathon 2021 Finalist	Ministry of Education's Innovation Cell with support from AICTE	2020-21

22	Mrs. Sunita Suralkar	National	Mentor for Project Titled "BrightSide - Creative Learning For Creative Minds" - VCET Hackathon 2021 Winner	VCET	2020-21
23	Mrs. Pallavi Saindane	National	Mentor for Phase I of project titled "sVana 2.0 Bringing Light and Dark Together", Winner of VNPS : VCET'S National Level Project Showcase 2021	VNPS	2020-21
24	Mrs. Richa Sharma	National	Mentor for Phase II of project titled "sVana 2.0 Bringing Light and Dark Together" - Winner of VNPS : VCET'S National Level Project Showcase 2021"	VNPS	2020-21