



# Vivekanand Education Society's Institute Of Technology

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

## Journal / Conference Reviewer (AY 2020-21,2019-20,2018-19)

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	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 2021)	3	IEEE	9-10 October 21
2	Dr. Gresha Bhatia	Reviewer - Web of Science Reviewer for AICTE sponsored International e-Conference on Advances in Information Technology and Research -ICAIRT -21, organized by Vidyalkar 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
3	Dr.Sujata Khedkar	Reviewer - Web of Science Reviewer for AICTE sponsored International e-Conference on Advances in Information Technology and Research -ICAIRT -21, organized by Vidyalkar 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

		Reviwer for Papers - Springer Big Data Journal	4	Springer	19th December 2021
		Reviwer for Papers - ICNTE 2021 ,Father Agnel COE, Navi Mumbai	3	IEEE	Jan 15-16,2021
4	Dr. Sharmila Sengupta	Reviwer 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	22/01/2021
5	Mr. Prashant Kanade	Mr. Prashant Kanade	Mr. Prashant Kanade	Mr. Prashant Kanade	Mr. Prashant Kanade
		Mr. Prashant Kanade	Mr. Prashant Kanade	Mr. Prashant Kanade	Mr. Prashant Kanade
6	Dr. Anjali Yeole	Reviewer - ICCICT-2021, SPIT Mumabi	3	IEEE	Jun 25-27, 2021
		Reviewer - IC-ICN-2020, Thakkur college mumbai	4	Springer	February 28-29, 2020
		Reviewer - ICACC2020, RAIT	3	IEEE	27th - 28th June 2020
7	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
8	Mrs. Priya R. L	Reviewer - Artificial Journal Review	1	Springer	25th April 2021 - 14th May 2021
		Reviewer - Artificial Journal Review	1	Springer	25th June2021
		Reviewer - Technical Program Committee -Reviewer ICCICT-2021	4	IEEE	25th March 2021
9	Mrs. Sunita Sahu	Reviewer for 13th International Conference on Computational Intelligence and	3	IEEE	22-23 sep 2021

		Communication Networks (CICN 2021). IEEE			
		Reviewer for The 10th International Conference on Communication Systems and Network Technologies 2021 (CSNT 2021). IEEE	3	IEEE	18-19 June 2021
10	Asma Parveen I.S	XVIII Control Instrumentation System Conference (CISCON-2021)	3	Springer Nature(scopus indexed)	26-27 Nov 21
11	Madhumati Khuspe	Universal Human values		AICTE Delhi	2-6 July 2020-21
12	Sangeetha Prasanna Ram	Elsevier Journal - Measurement	1	Indexed in SCI, Scopus and Web of Science	April 2021
13	Mrs.Nilima Warke	Review of Scientific Instruments Journal	1		2020-21
14	Dr. Ranjan Bala Jain	4th Biennial International Conference on Nascent Technologies in Engineering organised 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
15	Dr. Ranjan Bala Jain	Judge SCOE- Aavishkar 2021, a national level project competition at saraswati College of Engineering Kharghar, Mumbai	10	NA	April 2021
16	Dr.Saylee Gharje	IEEE Reviews in Biomedical Engineering.	1	IEEE	April 2020
17	Dr.Saylee Gharje	Journal:Informatics in Medical unlocked	1	UGC	January 2020
18	Dr. Chandan Singh Rawat	International Conference on Communication Systems, Computing & IT Applications	6	Google Scholar	April 2020
19	Dr. Nadir Charniya	IEEE Transactions on Instrumentation and Measurements	5	IEEE	June 2020 and May 2020
20	Dr. Nadir Charniya	Science Direct: Journal of Applied Soft Computing	1	Elsevier Science Direct	May 2020
21	Dr. Shalu Chopra	DJICTACTA2020	1	Springer	Feb 2020

22	Dr. Sharmila Sengupta	MIDAS 2020: International Conference on Machine Intelligence and Data Science Applications University of Petroleum and Sprimger Energy Studies	4	Springer	Sept 2020
23	Dr. Anjali Yeole	International Conference ICN-2020	4	Springer	Feb 2020
24	Dr. Anjali Yeole	international Conference DJICACTA2020, DJSCOE	3	Springer	Feb 2020
25	Dr. Anjali Yeole	International Confrence ICACC2020, RAIT	4	IEEE Bombay Section	March 2020
26	Ms. Kajal Jewani	IEEE CONECCT 2020	1	IEEE Bombay Section	April 2020
27	Mr. Richard Joseph	IEEE CONECCT 2020	1	IEEE Bombay Section	April 2020
28	Mrs. Deepti Khimani	International Conference on Automation, computing and communication ICACC 2020	1	IEEE	June 2020
29	Dr. Nupur Giri	IEEE CSCITA-2020 IEEE Xplore, Digital Library Reviewer	4	IEEE	April 2020
30	Dr. Nupur Giri	Reviewer ICACC , June 27th - 28th 2020, RAIT	3	IEEE	June 2020
31	Dr. Nupur Giri	Reviewer ICCDW2020 ICCDW-2020 : First IEEE International Conference on Convergence to Digital World – Quo Vadis (ICCDW- 2020)	4	IEEE	February 2020
32	Asha Bharambe	ICACC-2020	4	CrossRef, Web Of Sciences, Inspec, DOAJ, EBSCO.	June 2020
33	Dr. Gresha Bhatia	Reviewer for International Conference IC-RACT 2020, Amity University	4	Elsevier	March 2020
34	Dr. Rajani Mangala	International Conference in Computing, Communication & Control (ICAC3), Mumbai	3	IEEE Explore Digital library	December 20 - 21, 2019
35	Dr. Rajani Mangala	International Conference on Advanced Science & Technology, Mumbai	5	Elsevier's online digital e-Journals portal	Apr 08-09, 2019
36	Dr. Nupur Giri	Advances in Science and Technology (ICAST-2018) on April 6-7, 2018., KJSIET	4	ACST , IJCIR, AWMC	April 2018
37	Dr.Parameshwar Birajdar	International Conference on Signal Processing & Communications	5	IEEE Conference	2018
38	Dr.Parameshwar Birajdar	Sadhana Journal(Springer)	2	Scopus	2019

39	Dr. Chandan Singh Rawat	IEEE International Conference on Advances in Computing, Communication and Control (ICAC3'19)	4	IEEE	December 2019
40	Dr. Shalu Chopra	IJI Global Journal	10 yearly twice	CrossRef, Web Of Sciences, ACM digital Library, Scopus, proquest, DOAJ, EBSCO.	since 2016...till date
41	Dr. Shalu Chopra	RACEM	8	CrossRef, Web Of Sciences, Inspec, DOAJ, EBSCO.	since 2016...till date
42	Mrs. Charusheela Nehete	RACEM	4	CrossRef, Web Of Sciences, Inspec, DOAJ, EBSCO.	March 2019
43	Mrs. Jayshree Hajgude	RACEM	4	CrossRef, Web Of Sciences, Inspec, DOAJ, EBSCO.	March 2019
44	Mrs. Jayshree Hajgude	ICNTE 2019	3	IEEE explore	Jan, 2019
45	Mrs. Sujata Khedkar	Reviewer for ICIRTE 2019	4	IEEE	December 2019
46	Mrs. Sujata Khedkar	Reviewer for Journal of Big Data	4	Springer	December 2019
47	Mrs. Sujata Khedkar	Reviewer for ICAC3'19	3	IEEE	December 2019
48	Dr. Sharmila Sengupta	International Journal of Electrical Power and Energy Systems	1	Elsevier	December 2018
49	Dr. Sharmila Sengupta	2018 International Conference on Advanced Computation and Telecommunication (ICACAT) Conference	7	IEEE Xplore and SCOPUS	December 2018
50	Dr. Sharmila Sengupta	reviewer for Journal of Engineering and technology	3	Springer	January 2019

### Best Paper Awards(AY 2020-21,2019-20,2018-19)

Sr. No.	Name of Awardee	Paper title	Awarded By	Academic Year
1	Dr. Gresha Bhatia	Extraction of Tabular Data from PDF to CSV files	International Conference on Data Management, Analytics and Innovation 2020	2019-20
2	Dr. Gresha Bhatia	Best Paper of the Session award for Paper entitled 'Predicting Stock Movements using News Headlines and News Articles'	ICCTAW 2020,22nd-23rd April 2020, Atharva College of Engineering	2019-20
3	Mrs. Vidya Zope	Best Paper of the Session award for Paper entitled 'EMOTSQUAD: Emotion Detection and Attendance Management System', ICCTAW 2020, 22nd-23rd April 2020.	ICCTAW 2020,22nd-23rd April 2020, Atharva College of Engineering	2019-20
4	Mrs. Abha Tewari	SWAYAM: A Conversation Aid App	International Conference on Industry 4.0, Saraswati College of Engineering, Kharghar	2019-20
5	Mrs. Abha Tewari	Extraction of Tabular Data from PDF to CSV files	International Conference on Data Management, Analytics and Innovation 2020	2019-20
6	Mrs. Kavita Tewari	Two Dimensional Digital Image Correlation for metal Deformation measurements”	5th International Conference on Computing, Communication	2019-20
7	Mrs. Jayamala Adsul	Design and Simulation of a New Reconfigurable Analog to Digital Converter based on Multisim	3rd Biennial International Conference on Nascent Technologies in Engineering	2018-19
8	Rasika B. Naik	Smart Visitor Detector	UMIT NETRA2K19 exhibition-cum-competition	2018-2019
9	Rasika B. Naik	Human Recognition System using Ear Biometrics	Rula International Awards	2018-2019
10	Dr. Chandan Singh Rawat	"Ear Biometric Techniques: A Comparative Approach “	4th International Conference on “Recent Advances and challenges in Engineering & Management(RACEM 2019), VIT, Wadala , Mumbai, 29-30 March 2019.	2018-19

### SIH Mentors(AY 2020-21,2019-20,2018-19)

Sr. No.	Faculty Name	Academic Year	Place	Project Title	Awards / Achievement	Abstract
1	Dr. Nupur Giri and Mrs. Sunita Sahu	2018-19	Chitkara University, Rajpura, Punjab	AI for Farmers	Won Rs, 1,00,000	The Purpose of this system is to create an efficient android app for the farmers who can calculate the amount of fertilizers and pesticides to be put into the soil to get the best quality yield. In this system users/farmers can calculate their field area , set up an appointment for soil testing with a soil testing laboratory (STL), receive their soil report and based on the area and the soil constituents, view the various sets of fertilizers and the amount of fertilizer to be applied to their field in the increasing order of their prices. In addition, users can detect diseases on their crop and view pesticide recommendations ,their description and the method to apply the same . They can also use a chat bot for solving queries regarding farming techniques .
2	Dr. Gresha Bhatia and Mrs. Abha Tewari	2018-19	Geetanjali Institute of Technical Studies, Udaipur, Rajasthan	Forecomp- Extraction of tabular data from PDF to CSV files	National Finalist	Companies generate their reports in the form of PDF files. For further data analysis, the statistics or quantitative data in these reports have to be converted to CSV(.csv) or Excel(.xlsx) files. This is done manually by companies. This consumes a lot of time and manual work which can be reduced for better utilization of resources. Forecomp is a web application to automatically convert the tables in the PDF to CSV files. The tables could be present in text format or as an image. The web application is built keeping flexibility in mind such that the user can select the process used to convert the pdf into csv files based on the tables in their pdf. Different technologies used in this application include YOLO model for machine learning, Tesseract OCR, Tabula and an inbuilt snipping tool.
3	Mrs. Sharmila Sengupta and Ms. Mukesh Yadav	2018-19	Sri Venkateswar a College of Engineering, Tirupati, Andhra Pradesh	Pediatric Tele dermatology	National Finalist	Anyone can get skin problems due to numerous reasons. The problems can be cracked skin, dry skin, extra growth, coloring due to infection, etc. Skin problems are faced by more than 20 million patients causing more than 10 million deaths worldwide. In this project, we propose an app that takes in an image of the affected area of skin and predicts the name of the disease using a classification model. Transfer learning, which is a research problem in machine learning is used to observe if the model is useful for correct classification of skin diseases that need urgent treatment, especially for infants. In this system, MobileNet architecture is used which was trained over several images. The app is interactive with online prescription from doctors based on the judgement of machine as well as the doctor; discussing symptoms before treatment, follow-ups etc. It also has several features for further action and modifications.
4	Dr. Anjali Yeole and Mrs. Indu Dokare	2018-19	Banaras Hindu University, Varanasi,	Mnagemnet of materal during Disaster - receipt, availability, movemement and its receipt	Won Rs. 75,000	For the benefit of the people in the regions devastated by any sort of disaster, the key aspect of managing a disaster involves efficient planning of distribution and transportation of relief materials to the people in need. So to reduce the avoidable losses of lives, an efficient management system is required. 1. The admin comes to know about the disaster and its location. The admin checks if there is a relief center nearby, if not then the admin sets up a relief center at the safest and nearest location from the disaster location. 2. The admin also dispatches the team working onsite. 3. The onsite team does a survey regarding what all materials are to be distributed to whom and in what quantities. 4. After the survey, the onsite team conveys the requirement information to the admin via an android app, where there are categories for different disasters. The team member can add or edit the relief materials also. If there is an internet connection, the requirements will be added in real time database. But if there is no internet connection, then the requirements are stored in local database (SQLite) and as soon as there is an availability of internet connection, requirements will be then added in the real time database. 5. From the database the information about the requirements reaches the admin in the form of quotations. If the quotations are approved by the admin, it is given as the input to the intelligent system. 6. The intelligent system searches for the nearest storage centers, and if the material availability is adequate at the respective storage systems then the

			Uttar Pradesh	to the last person		<p>admin is notified about what material can be delivered by which storage centers and in what quantities.</p> <p>7. Once the admin sends the dispatch command to the storage centers, the order of the materials are dispatched from the storage centers via the corresponding shippers.</p> <p>8. The shippers are tracked by the admin, storage centers as well as the relief centers, by GPS and geo-fencing if the internet connection is available. If not then the shippers will be informed about the checkpoints (set up by Goonj) lying on the route from the place of shipment to the relief center and the shippers when report at these checkpoints, they can be tracked via these checkpoints with the help of a verification code that can be determined by scanning the respective QR codes.</p> <p>9. Once the materials are received by the relief center, the received quantity is updated in the database to determine whether the requirement is fulfilled.</p> <p>The onsite team members collect the relief materials from the relief center and what material is given to which onsite member and in what quantity is recorded with the help of a form. If the requirement is not fulfilled the onsite team members first notifies the admin about the issue and place a new order and the entire process is repeated.</p>
5	Mrs. Vidya Zope and Mrs. Mannat Daultani	2018-19	Sathyabama Institute of Science and Technology, Kanchipuram, Tamil Nadu	Mobile Application to get RCS flight seat availability /Fare/ Departure/ Destination in real time	Won Rs. 1,00,000	<p>Our problem statement was based on the RCS scheme launched by the ministry of civil aviation.They wanted an analysis dashboard where the ministry can monitor the bookings of RCS seats. Our idea for this was that we will make a channel for the booking of every RCS seats by every 3rd party . Every time a person books an RCS seat it will go through our channel to authorise and authenticate their booking to ensure that they aren't charged more price than the RCS rate. Also if a person cancels his/her RCS seat , the next person who had booked the seat at the market price will get the required discount and refund .Apart from this we also prepared a dashboard which would detect the fraudulent transactions for ministry and can also produce various charts for comparison.</p>
6	Mrs. Priya R. L. and Mrs. Sunita Suralkar	2018-19	Indian Institute of Technology Bhilai, Raipur, Chhattisgarh	Farm Input Calculation	Won Rs. 50,000	<p>The Purpose of this system is to create an efficient android app for the farmers who can calculate the amount of fertilizers and pesticides to be put into the soil to get the best quality yield. In this system users/farmers can calculate their field area , set up an appointment for soil testing with a soil testing laboratory (STL), receive their soil report and based on the area and the soil constituents, view the various sets of fertilizers and the amount of fertilizer to be applied to their field in the increasing order of their prices. In addition, users can detect diseases on their crop and view pesticide recommendations ,their escription and the method to apply the same . They can also use a chat bot for solving queries regarding farming techniques .</p>
7	Amit Singh	2018-19	CVRCE, Bhubaneswar	THIS	Winner	<p>T.H.I.S. stands for The Hub for Indian Startups. It is a user-friendly, robust portal for connecting startups, mentors, incubators and accelerators. Our system has 6 different entities viz. Business Enthusiast, Mentor, Incubator, Accelerator, Investor and Service Provider, with separate logins and registration for each of them</p>



8	Dr. Saylee Gharge, Mr. Ajinkya Valanjoo	2018-2019	Mumbai	Live AQI (Air Quality Index) map like google traffic map for the use of various stakeholders	-	Air pollution is a serious problem faced by all modern cities yet there is insufficient infrastructure in place for real time and effective AQI calculation. Data provided by pollution control boards is often insufficient for a map based application due to less number of monitoring centres available. Often organizations are reluctant because of high cost involved in installing an effective pollution monitoring / AQI calculation system.
9	Dr. Anjali Yeole and Mrs. Mannat Daultani	2019-20	Online	Converting handwritten documents as scanned images or photos (in any format) to legible text document using AI extracting important and critical information into database.	Winner	The proposed system assists the authorities like Senior Police Officer, Investigation officers and other authorities involved in debunking illegal activities by automating the tedious process by extracting critical information from FIRs using Optical Character Recognition and providing a summary of the most crucial details using Natural Language Processing. Text Summarization helps to highlight the more significant aspects of the case like the location of the crime, the date, time, and the names of the suspects involved and gets rid of other extraneous details. A distributed database hosted on Amazon Web Services (AWS) updates itself in real-time and can be accessed through remote locations. Robust database architecture is implemented that contains the necessary information pertinent to the case and makes a distinction between which case is assigned to which officer. The credentials are hashed and secured. The documents are secured and encrypted using the immutable distributed ledger provided by Blockchain. An interactive dashboard that eases the process of navigation for each officer is provided. After corroborating the pieces of evidence, a 65B certificate is autonomously generated in the form of a PDF that can be further presented during legal proceedings.
10	Mrs. Vidya Zope and Mrs. Pallavi Saindane	2019-20	Online	Development of App to capture the field patrolling track of frontline staff in their forest beat jurisdiction	National Finalist	In a technology driven society where everything is performed with the help of technology, we should use this to improve the security facilities provided to the controlling officers who risk their life to maintain harmony in the ecosystem. According to the statistics released by the International Ranger Federation, between 2012 and 2017, India accounted for nearly 31% of all forest ranger deaths in the world. So, to enhance protection facilities for the patrolling officer and to provide some essential features such as asset management, we have developed an android app. This android app will have protection features such as location tracker for the individual officers and some other features such as alert button which would share their location to the closest officer during exigency situations.
11	Mrs. Priya R. L. and Mr. Richard Joseph	2019-20	Online	Design of alarm management and analytics	National Finalist	In Gas pipe line system SCADA is installed for the monitoring of the data. Various alarms in the large volumes appear. - An application can be built to analyze those alarms in correlation with the sequence of process events to identify the pattern of alarms associated with process trips or anomaly so as to provide pro-active alert before such deviation. - Pattern recognition of the alarms and sequence of the events required to predict the probable abnormality or deviation of the plant operations from the normal baseline operations. System to group similar type of alarms as per equipments, 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 daily basis via mail. For ex- Developing the platform that identify 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.

12	Amit Singh	2019-20	NIT Warangal	UnBlock Subsidy	Winner	A great extent of time is wasted under supply chain and significant truthful beneficiaries are bereft of government subsidized schemes. Government subsidized items like fertilizers, housing schemes (Indira Awas, land etc.), pension schemes, medicines, rationing items (wheat,sugar,kerosene) enormous amount of time is wasted in supply chain and that results in wastage of huge amount of items, delayed delivery of the items etc. Also due to other various reasons in some cases subsidized items/schemes does not reach to the truthful beneficiary. To address & ensure government schemes are reaching to the beneficiary in the timely manner, A Blockchain based ecosystem can be developed in order to monitor, track and ensure reduced supply chain time and desirable beneficiary is benefited under the government schemes.
13	Abhishek Chaudhari	2019-20	IIT Hyderabad	Dispatch Bay Automation System	Second Place	In Aluminium sheet Production Plant different Huge Aluminium Coils need to be Organised and placed in Plant. And need to manage and track the Coil till Dispatch. In actual Plant it is difficult to Search and dispatch. So Through this project a system is proposed using RFID Tags and Wireless Mesh Network is use to communicate between different Nodes.
14	Amit Singh	2019-20	NIT Warangal	UnBlock Subsidy	Winner	A great extent of time is wasted under supply chain and significant truthful beneficiaries are bereft of government subsidized schemes. Government subsidized items like fertilizers, housing schemes (Indira Awas, land etc.), pension schemes, medicines, rationing items (wheat,sugar,kerosene) enormous amount of time is wasted in supply chain and that results in wastage of huge amount of items, delayed delivery of the items etc. Also due to other various reasons in some cases subsidized items/schemes does not reach to the truthful beneficiary. To address & ensure government schemes are reaching to the beneficiary in the timely manner, A Blockchain based ecosystem can be developed in order to monitor, track and ensure reduced supply chain time and desirable beneficiary is benefited under the government schemes.

## BOS Members

Sr. No.	Faculty Name	Position at BOS	University/ Institute	Department Specialization	Year
1	Dr.J.M.Nair	Member, Adhoc Board of Studies	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, DataMining 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. T. Rajani Mangala	Member of BoS	University of Mumbai.	Electronics Engineering	2019-2022
		Co-Ordinator for Linear Integrated Circuits, Machine Learning and Neural Netowrks and Fuzzy Logic	University of Mumbai.	Electronics Engineering	2019-2022
5	Dr. Ramesh K. Kulkarni	Member	University of Mumbai.	Electronics & Telecommunication	Since 2016 till Date
6	Dr. Nupur Giri	Member	K J Somiya College of Engineering	Information Technology	Since 2018 till 2021
		Member	Thakur College of Engineering & Technology	Computer Engineering	Since 2019 till 2022
		PhD. RR Commitee member	K J Somiya College of Engineering	Computer Engineering	Since 2019 till 2022
		Subject Expert, PhD. Sekection	Finolex College Management and TechnologyRatnagiri	Computer Engineering	Since 2019 till 2022
		PhD. RR Commitee member	Thakur College of Engineering & Technology	Computer Engineering	Since 2019 till 2022

## Other National / International Awards

Sr. No.	Faculty Name	National/ International / State	Summary (not more than 150 words)	Awarded By	Academic Year
1	Dr. Ranjan Bala Jain	International	The GOLC invites to submit 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 & Telecommunication. This has been Awarded during the 18th International Conference on Remote Engineering and Virtual Instrumentation (REV2021)	Global Online Laboratory Consortium	2020-21
2	Dr. Ranjan Bala Jain	National	Dr. A P J Kalam Teacher's Excellence Teaching Award 2020	AICTE & Shikshak Kalyan Foundation	2020-21
3	Asma Parveen I .Siddavatam	National	Designed and Developed System serves as a calibrator for nuclear spectroscopy applications. It is based on the 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.	Ministry of Electronics and Information Technology, Govt. of India in collaboration with C-DAC (Center for Development of Advance Computing), IIT Bombay, IIT Madras, MyGov and MakerVillage	2020-21 5th Feb - 21(1lakhs)
					2020-21 4th sept 21(4lakhs)
					2020-21 3rd Dec 21(20lakhs)
4	Dr. Nupur Giri	National	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
		National	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
5	Dr. Gresha Bhatia	National	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
5	Dr. Sharmila Sengupta	University of Mumbai	Dr. Mrs. Sharmila Sengupta, Associate Professor of CMPN Department was conferred with Ph.D. through online open defence 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 project titled "AiDD -Assisting children and doctors." - Winner of VNPS : VCET'S National Level Project Showcase 2021	VNPS	2020-21

		National	Mentor : "IIC National Innovation Contest 2020" : 'AiDD:Assisting ADHD children' were nominated for regional level mentoring.	IIC	2020-21
7	Dr. Sujata Khedkar	University of Mumbai	Dr. Mrs. Sujata Khedkar was conferred with Ph. D. through online open defence 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
		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
		National	Mentor: Project Titled "COVID -19 'Care: Face Mask and Social distancing detection using Deep Learning"- EYIC 2021 Finalist	IIT Bombay	2020-21
8	Mrs. Vidya Zope	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. ँवधेक्यम Bhara' - Toycathon 2021 Finalist	Ministry of Education's Innovation Cell with support from AICTE	2020-21
10	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
		National	Mrs. Mannat Doultani received an AI for Earth Microsoft Azure Compute Grant for "Monitoring and Assessing Coral Reefs in Oceans"	Microsoft	2020-21
11	Mrs. Mannat Doultani	National	Mentor : Project Titled 'Ethnicity of India: Diversity in culinary practices. ँवधेक्यम Bhara' - Toycathon 2021 Finalist	Ministry of Education's Innovation Cell with support from AICTE	2020-21
		National	Mentor for Project Titled "BrightSide - Creative Learning For Creative Minds" - VCET Hackathon 2021 Winner	VCET	2020-21
12	Mrs. Sunita Suralkar	National	Mentor for Project Titled "BrightSide - Creative Learning For Creative Minds" - VCET Hackathon 2021 Winner	VCET	2020-21

13	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
14	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
15	Mrs. Deepti Khimani	National	Awarded for outstanding contribution towards Scilab Lab Migration and Text book companion project, an initiative funded by MHRDA Government of India under FOSSEE project in collaboration with IIT Bombay.	FOSSEE, IIT Bombay	2019-20