



Bharatiya Vidya Bhavans'
Sardar Patel Institute of Technology
Munshinagar, Andheri(W), Mumbai-400058
(Autonomous College Affiliated to University of Mumbai)

Research And Development Committee

Summery report 2019-20

Sr.	UCID	Type	Applicant Name	Guide Name	Paper Title	Conf/Jour Name	Amount	Sansactioned
Comp-1	2015130001 2015130022 2015130033	UG	Punit Mukesh Ahuja, Rakshit Gupta, Yogesh Mahajan,	Jyoti Ramteke,	Portfolio Management using artificial intelligence	ICAIAA 2019	9000	5000
comp-2	2015130042 2015130054	UG	Rahul Paknikar, Shrey Shah,	Dr. Prachi Gharpure,	Wireless lot based Solution for Women Safety in Rural Areas	4th International conference on communication and Electronics Systems (ICCES 2019)	17670	5000
comp-3	2015130040 2015130037 2015130059 2015130062	UG	Ananya D. Ojha, Ananya Navelkar, Jainam Soni, Sai Yerremreddy	Prof. Pramod Bide,	A Two stage approach for Detection of Invasive and Cervical Intra-epithelial Neoplasia using Machine Learning and Image Processing Methodologies	ICATIECE - 2019	5000	5000
comp-4	2015130005 2015130006 2015130020	UG	Mandar Bhalerao, Aditya Bhave, Shlok Gujar,	Anant V Nimkar,	Visual Question Answering Using Video Clips	IBSSC 2019, IIT Bombay	8260	5000
comp-5	2017430003	UG	Akhilesh Vilas Kashikar, ,	Prof. Jyoti Ramteke,	Dual Sentiment Classification with Sarcasm Identification	IEEE Bombay Section Signature conference 2019	8260	5000
comp-6	2016130047 2016130064 2016130006	UG	Jinay Parekh, Poojan Turakhia, Hussain Bhinderwala,	Sudhir N. Dhage,	Image Enhancement in Security Systems using Machine Learning	Springer Book Series On "Advances in Intelligent Systems and Computing	23363.1	5000
comp-7	2015130004 2015130018 2016230071	UG	Samriddha Basu, Raj Gite, Pratiksha Singh	Prof. Nataasha Raul,	Multi-user Adaptive Launcher for Android	Twelfth International Conference on Contemporary Computing (IC3) 2019	6000	5000
comp-8	2016130002 2016130050 2016130060	UG	Vaibhav Bagri, Bhaktij Patil, Lekha Sharma,	Dr. Sudhir Dhage,	Survey of Automated Waste Segregation Methods	The 4th International conference on computer communication and computational sciences	22207.5	5000
comp-9	2016130036 2016130025 2016130040	UG	Anirudh Kamath, Rahul Guhekar, Mihir Makwana,	Dr. Sudhir Dhage,	Sarcasm Detection Approaches Survey	The 4th International conference on computer communication and computational sciences	38938.1	5000
comp-10	2016130038 2016130007	UG	Advait Lad, Shivani Butala, ,	Pramod Bide,	Comparative Analysis of Over-The-Top Platforms : Amazon Prime Video and Netflix	International Conference on Communication and Intelligent System (ICCIS-2019)	24026	5000

comp-11	2016130014	PG	Tejas Chheda, Hussain Bhinderwala, Priyansh Acharya, Anant V Nimkar	Anant V Nimkar,	Diet and Health Advisory Mechanism from Facial features using Machine Learning	18th International Conference on Information Technology	23510	5000
Comp-12	2015130062 2015130004 2015130040	UG	Sai Yerramreddy, Samriddha Basu, Ananya Ojha,	Dhananjay Kall	Machine Learning approach for diagnosis of Autism spectrum disorder	International conference on Innovative computing and communication (ICICC2019)	10665	5000
Comp-13	2016130018 2016130023 2016130042	PG	Kevin Doshi, Shreya Gokhale, Hemal Mamtora,	Pramod Bide,	Analytics and Visualization of Trends in News Articles	2019 IEEE International Conference on Advances in Computing, Communication and Control (ICAC3'19)	6200	5000
ETRX-2	2015110047 2015110011 2015110052	UG	Divya Sawant, Anchal Jaiswal, Jyoti Singh	Payal Shah,	Agribot-An intelligent interactive interface to assist farmers in agricultural activities	IEEE Bombay Section Signature Conference(IBSSC 2019)	8260	5000
ETRX-3	2016110007 2016110008 2016110025	UG	NALIN CHANDELIYA, PRASHANTH CHARI, SAMEERAN KARPE,	Dr. Deepak C Karia,	RELIABLE MACHINE TO MACHINE COMMUNICATION USING MQTT PROTOCOL AND MEAN STACK	International conference on innovation data communication technologies and application(ICIDCA 2019).	7340	5000
ETRX-4	2016110052 2016110056 2016110011	UG	Rohit Sathye, Mandar Surve, Sumedh Deshprabhu,	Dr.Deepak.C. Karia,	Smart Medicine Distributing Tray	International Conference on Innovative Data Communication Technologies Springer	33463	5000
EXTC-1	2016120019 2016120038 2016120040	UG	Pranav Jaguste, Wesley Pereira, Sopan Phaltankan,	Dr. Sujata Kulkarni,	IOT BASED SYSTEM FOR WASTE SEGREGATION AND DETERMINING AN OPTIMISED PATH FOR WASTE COLLECTION	ICIESMT-19	10000	5000
EXTC-2	2018420003	PG	Sanjana Sanjay Ingale, , ,	Milind Paraye, Prof. Dayanand	A Survey On Methodologies For Multi-step Attack Prediction	4th International Conference on Inventive Systems and Control	8000	5000
EXTC-3	2016120039 2016120034 2016120052	UG	Rashmi Phadnis, Sumedh Naik, Nivea Sharma,	Prof. Manish Parmar, 0	Real Time Asset Tracking using BLE Beacons	IEEE global Conference for Advancement In Technology	27246	5000
EXTC-4	2016120034 2016120039 2016120036	UG	Sumedh Naik, Rashmi Phadnis, Yash Patil,	Prof. Vijaya Kamble,	Basic Logic Gate Detector Using Atmega328P and Android App	International Conference on Computing, Communication, Information Security and Analysis	6000	5000
EXTC-5	2016120038 2016120057 2016120051	UG	Wesley Pereira, Tarun Joseph, Ahmed Shaikh, Sumedh Naik	Dr. Y. S. Rao,	Aquaculture Monitoring and Feedback sytem	IEEE International Symposium on Smart Electronic Systems	17750	5000

EXTC-6	2016120016 2016120046	UG	Bhavin Ingle, Rachit Rathil, ,	Prof. Dayanand Ambawade, Prof. Rajendra R Sawant	Implementation of Virtual OPC on Cloud	TENCON 2019	31500	5000
EXTC-	2016120036	UG	Yash Patil, Sahil	Dr. Sujata	AI-Enabled Real-Time Sign Language	INTERNATIONAL	7000	5000
EXTC-8	2015120002 2015120011 2015120015	UG	Bhusari Ankita, Gupta Neha, Kambli Tanaya,	Prof. Sukanya Kulkarni, 0	Comparison of SVM and kNN classifiers for palm movements using sEMG signals with different features	ICCMC 2019	6250	5000
EXTC-	2015120006	UG	Girija Deshmukh,	Prof. Sukanya	Speech based emotion recognition	ICCMC 2019	6250	5000
EXTC-11	2017420001	PG	Shoeb Ahmed, , ,	Dr. Y. S. Rao,	Toxic Gas Detection and Analysis using IoT	ICIECE - 2019	6100	5000
EXTC-	2017420007	PG	Shraddha Gaikwad, , ,	Dr. Preetida	Pre-processing of SAR Images through	International Conference on	6500	5000
EXTC-14	2015120033	UG	Prathamesh Pai, Himani Mukne, Saish Raut,	Prf. Dayanand Ambawade,	Land Record Management using hyperledger Fabric and IPFS	ICCCNT 2019	7800	5000
EXTC-15	2017420011	PG	Ariston Rodrigues	K. T. Talele,	Real time Facial Expression Recognition using Grid of Local Binary Pattern and Histogram of Gradients and Genetic Algorithm on Raspberry Pi	FOURTH INTERNATIONAL CONFERENCE ON COMMUNICATION AND ELECTRONICS SYSTEMS (ICCES 2019)	6500	5000
EXTC-16	2017420006	PG	Anand Mahadeorao Dhobaley,	Prof. Dayanand D. Ambawade,	Discovery, Assessment and Risk Calculation Framework for Connected Automated Vehicles	ICECA-2019	6500	5000
EXTC-17	2017420010	PG	Rahul Khandare,	Dr. D. C. Karia,	Low Isolation based dual band MIMO antenna for WiMax and X band Applications	International conference on Intelligent Sustainable Systems (ICISS) 2019	6250	5000
EXTC-19	2017420005	PG	Anjali D. Channagire,	Prof. Anand Mane	Performance Analysis of Long Term Evolution (LTE) Medium Access Control (MAC) Scheduler for Real-	ICICCS 2019	7500	5000
EXTC-20	2014120061	UG	Madhav Wagh, Niraj Kumar Solanki, Kailas Yedle,	Dr. Y. S. Rao,	Evaluation of Image Processing Techniques on a single chip Digital Signal Processor	International conference on Electronics, communication and Aerospace Technology	6000	5000
EXTC-21		UG	Tanvi Ghole Shruti Karande Harshita Morlkar	Dr. Sujata Kulkarni	Smart Health care data Acquistition system	International conference on IoT Social Mobile Analytics and cloud in computation vision and	9500	5000
EXTC-22	2015120035 2015120059 2015120013	UG	Vedant Pawar Vinay Vishawkarma Alan Jacob	Anand Mane	Deep Learning Approach to video Compression	IBSCC 2019	8260	5000
EXTC-23	2015120054		Simran Tiwari	Dr. Preetida Jani,	Morphius: A Self-configuring modular robot that navigates through cracks and debris for inspection	21st International Conference on Distributed Computing and Networking (ICDCN-2020)	50458	5000

EXTC-24	2016120002 2016120005 2016120007	PG	Shrawani Bawage, Parth Ambalkar, Tejas Autkar,	Prof. Rajendra Sawant, 0	Third Harmonics Detector	Global confernce for advancement in technology	26619	5000
EXTC-26	2016120060 2016120057	PG	Kirti Tyagi, Tarun Joseph, ,	Dr. Y.S. Rao,	Portable Gas Detection Device With Warning System	IEEE Global Conference for Advancement In Technology	12200	5000
EXTC-27	2016120048 2016120047 2016140015 2016120036	PG	Mitesh Sarode, Ayush Ghanekar, Sahil Krishnadas, Yash Patil	Prof. Manish Parmar, 0	Intelligent Blood Management System	IBSCC 2019	33160	5000
EXTC-28	2016120051 2016120048 2016120047	PG	Ahmed Shaikh, Mitesh Sarode, Sahil Krishnadas,	Dr. Reena Sonkusare,	Number Plate Recognition System	Global Conference for Advancement in Technology	12300	5000
EXTC-31	2017420004	PG	Saurabh Bhosale, , ,	Prof. Manish Parmar, Prof. Dayanand Ambawade	A taxonomy and Survey of Manifold Resource Allocation Techniques of Iaas in Cloud Computing	ICSCN 2019	13500	5000
EXTC-32	2016120052 2016120043 2017220074	UG	Nivea Sharma, Meghna Prabhu, Simran Kaur Rogi,	Dr. Reena Kumbhare,	Implementation of Sound Effects on Audio Signals	Global Conference for Advancement in technology (GCAT)	13570	5000
EXTC-33	2016120035 2016120054 2016120018 2016120013	PG	Saurabh Parulekar, Shreeram Narayanan, Soham Jagtap, Arnold Fonscea	Prof Dayanand Ambawade	Road-Borne light powering System	IEEE INternational Symposium on Smart Electronic Systems 2019	18350	5000
EXTC-34	2016120013 2016120054 2016120028	PG	Arnold Fonscea, Shreeram Narayanan, Yash Kothari	Prof Manish Parmar	Pulse-Density Modulation using FPGA	IEEE global Conference for Advancement In Technology 2019	11500	5000
EXTC-	2016120066	UG	Lavesh Jain, Siddhi	Prof Dayanand	Smart Cane For The Blind	Global Conference for	15500	5000
EXTC-	2016120014	UG	Sadjyot Gangolli, Arnold	Dr. Reena	Image Enhancement using various	Global Conference for	11000	5000
IT-1	2016140024 2016140031	UG	Madhur Kabra, Tanay Kulkarni, ,	Dr. Radha Shankarmani,	User Profiling Based Recommendation System for E-Learning	IEEE Indicon 2019	22083	5000
IT-3	2016140031	UG	Tanay Kulkarni, , ,	Kailas Devadkar,	Potential Customer classification in Customer Relationship	International Conference on Innovative Data Communication	7000	5000
IT-4	2017240071 2017240077 2017240079	UG	Mrunali Chopade, Sana Khan, Uzma Shaikh,	Renuka Pawar,	Digital Forensics : Maintaining Chain of Custody using Blockchain	ISMAL 2019	6750	5000
IT-5	2015140008 2015140011 2015140022, faculty	UG	Gaurav Bhagchandani, Deep Bodra, Abhishek Gangan, Prof. Nikahat Mulla	Prof. Nikahat Mulla,	A Hybrid Solution To Abstractive Multi-Document Summarization Using Supervised and Unsupervised Learning	International Conference on Intelligent Computing and Control Systems [ICICCS 2019]	6500	5000
IT- 6	2016140022 2016140021 2016140024	UG	Sahil Jobanputra, Mukesh Jha, Madhur Kabra,	Prof. Rupali Sawant,	Automation of Cheque Transaction using Deep Learning and Optical Character Recognition	Second International Conference on Smart Systems and Inventive Technology (ICSSIT 2019)	6500	5000

IT-7	2016240068	UG	Roshni Pal, Utkarsha Pawar, Karishma Zambare,	Prof. Varsha Hole,	Impact of Twitter Data and News Articles on Stock Market	2nd International Conference on Computer Networks and Inventive Communication Technologies [ICCNCT 2019], 23-	8000	5000
IT-11	2016140062	UG	Sudhanshu Upadhyay,	Nikahat	Attention Based Encoding and	International Conference on	6500	5000
IT-12	2016140023 2016140035 2016140041	UG	Sayed Azain Jaffer, Raj Mehta, Siddharth Pandey,	Dr. Prasenjit Bhavathankar,	Blockchain Based Direct Benefit Transfer System For Subsidy Delivery	Springer - 2nd International Conference on Data Science, Machine Learning & Applications(ICDSMLA)	8500	5000
IT-13	2015140042 2016240070 2016240065	UG	SAGAR PATIL, AKSHAY SHAH, SHUBHAM DALVI,	JIGNESH SISODIA,	Early Detection of Hemiplegia by Analyzing the Gait Characteristics and Walking Patterns Using Convolutional Neural Networks	INTERNATIONAL CONFERENCE ON SOFT COMPUTING AND SIGNAL PROCESSING	14500	5000
IT-14	2016140025 2016140021 2016140022	UG	Divya Kamath, Mukesh Jha, Sahil Jobanputra,	Prof. Varsha Hole,	Creation Of Face For Aiding In Forensic Investigation Based On Textual Description.	The International Conference on Inventive Systems and Control(ICISC)	6500	5000
IT-15	2016140029 2016140022 2016140021	UG	Varsha Kukreja, Sahil Jobanputra, Mukesh Jha,	Dr. Radha Shankarmani,	The Universal Research Portal	International Conference on Convergence to Digital World Quo Vadis (ICCDW- 2020)	5500	5000
IT-16	2015140007 2015140024 2015140006	UG	Bhaskar Barua, Clarence Gomes, Shubham Baghe,	Prof. Jignesh Sisodia,	A Self-Driving Car Implementation using Computer Vision for Detection and Navigation	International Conference on Intelligent Computing and Control Systems [ICICCS 2019]	6500	5000
IT-18	2016140063 2016120047 2016120036	UG	Mukund Vora, Sahil Krishnadas, Yash Patil,	Prasenjit Bhavathankar,	Cellular Device Detection in Restricted Premises	2019 Global Conference for Advancement in Technology(GCAT)	30189	5000
IT-19	2016140002 2016140007 2016140006	UG	Bagadia Uzair, Bodkurwar Jayant, Bhat Jnanesh,	Aparna Halbe,	Decentralized system for Fundraising using Ethereum	International Conference on Inventive Computation Technologies	6500	5000
IT-20	2015140003	UG	AnandPrakash Arya,	Dr. Radha	Self Employment Opportunities search	IEEE- International conference on	6500	5000
IT-21	2015140035 2015140014 2013140002	UG	Sushrut P. Madahvi Aman Dahiya Pranav Bhandari	Prasenjit Bhavathankar,	A smart toll collection system based on vehicle classification	IEEE- International conference on Intelligent Computing and control system ICICCS 2020	6500	5000
MCA-2	2016450033 2016450003	PG	Pratiksha Pandey, Karishma Bhabal, ,	Prof. Harshil T. Kanakia, Dr. Pooja Raundale	Analysis of Recommendation Model For E-commerce Websites Based on Rating Dataset	ICICCS 2019	6500	5000
MCA - 5	2016450051 2016450053	PG	Jimit M Shah, Giridhar P Shenoy, ,	Prof. Harshil T. Kanakia, Dr. Pooja	Cambridge Analytica - A Case Study	ICRETM - 2019	10500	5000
MCA-6	2016450045 2016450014	PG	Drashti Rathod, Debashish Goswami, ,	Prof. Sakina Shaikh, Prof. Mayura Nagar	Crime spot Detection for chain Snatching using Data Mining	ICACM 2019	6000	5000

MCA-8	2016450005, 2016450050	PG	Ryan Britto , Rohit Sawardekar,	Prof. Harshil T. Kanakia, Dr. Pooja	Analysis of Social Networks using Naive Bayes	ICICCS 2019	6500	5000
MCA-9	2016450059	PG	Digvijay Yadav, , ,	Prof. Sakina Salmani,	Deepfake: A Survey on Facial Forgery Technique Using Generative Adversarial Network	International Conference on Intelligent computing and Control Systems	6500	5000
Total								335000

UG		PG.	
ETRX	15000	EXTC	70000
EXTC	80000	COMP	10000
P	55000	MCA	25000
IT	80000		
Total UG	230000	Total PG	105000

R & D Student Coordinators

Dr. Aarti Karande	
Prof. Pritam	
Prof. Nikhat Mulla	
Dr. Amol Deshpande	
Prof. Najib Gatte	

Dr. Y.S. Rao
Dean R & D & Principal