



University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20
(Selection Round)

Result and Point Table

Name of the College: **Ramrao Adik Institute of Technology, Nerul**

Total No. of Research Projects Selected for Final Round (Points): **8**

Position: **1**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Engineering and Technology	UG	Defense mechanism using Image processing	Jadhav Jagrut Jaideep	BE/16EE1007
				Chandak Rahul Satish	BE/16EE1043
				Mohitosh Chaudhari Jagdish	BE/16EE1011
				Bondre Snehal Suresh	B.E./16EE1065
2	Engineering and Technology	UG	Intrusion Tackling System	Vora Jaykumar Hasmukhbhai	BE/15IN1107
				Phulpagar Hemant Dropad	BE/14IN1019
				Patil Sahil Naresh	B.E./15IN1065
				Barman Indranil anil	BE/14IN1097
3	Engineering and Technology	UG	Violence Detection using Embedded GPU	Tharali Sagar Ravikant	BE/16EE1019
				Wakchaure Gaurav Sudhakar	BE/16EE1004
				Shirsat Durvesh Suryakant	BE/16EE1005
4	Engineering and Technology	PG	Enhanced brain tumor detection using fractional wavelet transform and artificial neural network	Kaushal Bhakti Surinder mohan	ME/16EC1002



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Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
5	Engineering and Technology	PG	Image Inpainting With Contextual Attention and Partial Convolution	Mohite Tejaswini Adesh	PG/15IE1001
6	Engineering and Technology	PPG	Feature Selection for Pre-Term Child Birth	Deshpande Himani Saurabh	PH.D./16PDCE02
7	Engineering and Technology	PPG	Development of Real Time Encrypted Trust based Dolphin Glowworm Optimization Routing Algorithm for Mobile Adhoc Network	Mukhedkar Moresh Madhukar	PHD/12PDEE003
8	Engineering and Technology	TH	Reliable Message Dissemination for Road Safety	Padiya Puja Yogesh	PH.D./16PDCE01



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Result and Point Table

Name of the College: **Saraswati College of Engineering, Kharghar**

Total No. of Research Projects Selected for Final Round (Points): **6**

Position: **2**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Commerce, Management and Law	UG	Design of a HVAC system for an entire 5-star Hotel.	Ram Deepakkumar Shrinivas	BE-MECH/35
				Shaikh Sadhaquat Nasearuddin	BE-MECH/43
				Patil Sayali Machindra	BE-MCH/20
				Narkhede Bhagyashri Kishor	BE-MECH/6
2	Agriculture and Animal Husbandry	UG	Effect of mix ratios and sizes of palm kernel shells on asphalt concrete.	Shelar Vishal Ganesh	BE/60
				Gharat Rahul Kamalakar	BE/17
				Gondhali Rohit Ramesh	BE/20
				Dhirde Mayur Maruti	BE/13
3	Engineering and Technology	UG	Cloth Bag Vending Machine	Ardalkar Gajanan maruti	BE/03
				Gowda Ramkrishna Devraj	BE/29
				Gupta Sandhya ramesh	BE/30
				Jain Ruchi pravin	BE/34



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Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
4	Engineering and Technology	UG	Application of evaporation cooling to improve the productivity in soilless farming with zero fertilizer	Kekatpure Vishrut Pradeep	BE-MECH/55
				Kulkarni Abhishek Uday	BE-MECH/34
				Shimpi Ketan Rajendra	BE-MCH/64
				Mahadik Prajakta Satish	BE-MECH/36
5	Engineering and Technology	UG	Fabrication and Testing of Tiles Made from Plastic Waste	acharekar Harsh vilas	BE/1
				dalvi Hemant krishna	BE/12
				chougule Neha prakash	BE/11
				chavan Krushnali limchand	BE/9
6	Medicine and Pharmacy	UG	EXPRIMENTAL INVESTIGATION ON MECHANICAL FAILURE OF BIO-IMPLANT MATERIAL FOR ORTHOPAEDIC APPLICATIONS	Talware Tushar Narendra	BE-MECH/58
				Sawant Akshay Baburao	BE-MECH/59
				Jambhale Harshada Nandkumar	BE-MECH/45
				Teli kishan Bhimraj	BE-MECH/61



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Result and Point Table

Name of the College: **Vidyavardhini College of Engineering and Technology, Vasai**

Total No. of Research Projects Selected for Final Round (Points): **4**

Position: **3**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Agriculture and Animal Husbandry	UG	Sensor analytics based climate resilient agriculture platform	poojary Karan A.	B.E.INSTRU/07
				Panchal Deep A	B.E.INSTRU/02
				Shetty Pratyush A	B.E. INSTR/33
				Powale Madhurima U.	B.E.INSTRU/37
2	Engineering and Technology	UG	Study of Structural Behaviour of Earth Slab Panel Confined by GI Wire Mesh For Low Cost Housing.	Patel Kushal Chandubhai	B.E. CIVIL/31
				Uttekar Sandesh H	B.E.CIVIL/48
				parmar Abhsihek N.	B.E.CIVIL/30
				Ghosalkar Shreya S.	B.E. CIVIL/14
3	Medicine and Pharmacy	UG	Design and manufacturing of a lower limb exoskeleton	pawar Prathmesh Prakash	B.E. MECHA/11
				Suthar Harshal Vhshnuprasad	B.E. MECHA/16
				Pawar Sumit Sahadev	B.E. MECHA/30
				Prabhu Praseeda rammohan	B.E. MECHA/47
4	Medicine and Pharmacy	UG	Skin Disease Prediction using Machine Learning	Pise Omkar Narayan	B.E. COMPU/163107125
				Rao Kritika Sujay	B.E.COMPUT/163201173
				Yelkar Pooja Suresh	B.E. COMPU/163205135



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Result and Point Table

Name of the College: **Bharati Vidyapeeth College of Engineering, Kharghar**

Total No. of Research Projects Selected for Final Round (Points): **4**

Position: **3**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Commerce, Management and Law	UG	Three Step Security Provider Application (SPA)	Padhye Pritam Santosh	B.E/4238
				Walde Abhinav Pramod	B.E/4270
				Varade Shruti Shailendra	B.E/4267
2	Engineering and Technology	UG	Detection of Insect Breeding Zones and Spraying Insecticides using Drone	Mhatre Shubham Suresh	BEET/54
				Damle Ketan Sameer	BEET/17
				Mishra Rupesh Kamalkant	BEET/56
				Gurao Krutika Kishor	BEET/28
3	Medicine and Pharmacy	UG	SMART SANITARY NAPKIN DISPOSAL MACHINE	Yadav Shivraj Bhalchandra	BE/71
				Shetty Anoop Ramanand	BE/49
				Shirsolkar Prajesh Suryakant	BE/52
				Narayane Shreyash Kishorkumar	BE/27
4	Medicine and Pharmacy	UG	Detection of gender using digital forensic	Pandit Shivali Chuni Lal susheela dhar	BE-IT/36
				Patil Harshada Vishwas	BE-IT/37
				Rout Aishwarinandini Bishnu	BE/44



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Result and Point Table

Name of the College: **Pillais Hoc College of Engineering and Technology, Rasayani**

Total No. of Research Projects Selected for Final Round (Points): **3**

Position: **4**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Commerce, Management and Law	UG	A Hybrid Street Lamp-An Innovative Solution for Management of Environmental Issues and Social Laws	Dhobale Chirag	BE CIVIL /9
				Patil Akshay Kumar	BE MECH /17
				Nautiyal Adarsh S	BE EXTC/16
				Pashte Sanskruti	BE CIVIL /42
2	Engineering and Technology	UG	Installation and testing of electronic module for increasing power and reducing emission with use of motorcycle chassis dynamometer	Wable Shubham Kantilal	BE AUTO/57
				Bhaleghare Ganesh Madhukar	BE AUTO/1
				Naik Nishant Nitin	BE AUTO/35
				Talla Dishnak Anil	BE AUTO/54
3	Engineering and Technology	TH	Parametric Investigation for Sustainable Water Supply Network, Quality and Security Management with Application of GIS and Remote Sensing	Nagarajan Karthik	PHD/3



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Result and Point Table

Name of the College: **Dwarkadas J. Sanghvi College of Engineering, Vile Parle**

Total No. of Research Projects Selected for Final Round (Points): **3**

Position: **4**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Engineering and Technology	UG	Fabrication and In-vitro testing of Biosynthetic skin for burn wounds	Deshmukh Madhura Venkatesh	B.E./6001316000
				Teli Dhvani Rajesh	B.E./6001316002
				Vichare Prashali Santosh	B.E./6001316002
2	Engineering and Technology	TH	Designing of Secured Routing Protocol in IoT	Gawade Aruna Umesh	PHD/19210047
3	Engineering and Technology	TH	Investigation of Surface Integrity Aspects in Milling Operation on Nickel Based Super Alloy	Rajguru Ramesh Ramling	PHD/6001414000



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Result and Point Table

Name of the College: **Vishwaniketan Institute of Management Entrepreneurship and Engineering Technology, Kumbhivali, Khalapur**

Total No. of Research Projects Selected for Final Round (Points): **3**

Position: **4**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Pure Sciences	UG	Vacuum Bio-Toilets	Dhembre Prathmesh Appasaheb	TE/23
				Chaudhary Shefali Hemant	TE/06
2	Agriculture and Animal Husbandry	UG	SMART POULTRY FARM	Chaudhary Himanshu Pralhad	TE/12
				Bagul Harshal Eknath	TE/03
				Mali Niraj Jijabrao	TE/51
				Waghe Tanmay Anil	TE/45
3	Medicine and Pharmacy	UG	V-Health +	Bendre Aniket Pratap	TE/02
				Ghanvat Amit Maruti	TE/16
				Todankar Vipresh Digambar	TE/62
				Dahimbekar Tejal Anil	TE/07
				Mali Harshali Prabhakar	TE/29



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Result and Point Table

Name of the College: **Gharda Institute of Technology, Lavel, Khed**

Total No. of Research Projects Selected for Final Round (Points): **2**

Position: **5**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Agriculture and Animal Husbandry	UG	Vegetable Price Prediction using Machine Learning	Shukla Gaurav kumar Sarvendra	BE COMPUTE/43
				Mahajan Omkar Sanjay	BE COMPUTE/25
				Shirke Parth Pravin	BE COMPUTE/43
2	Engineering and Technology	UG	Hydrogen Generation through Water Splitting Reaction Utilizing the Waste Aluminum	Kalekar Sunny Ekanath	BE CHEMICA/28
				Jadhav Gaurav Ramesh	BE CHEMICA/24



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Result and Point Table

Name of the College: **SIES Graduate School of Technology, Nerul**

Total No. of Research Projects Selected for Final Round (Points): **2**

Position: **5**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Engineering and Technology	UG	Solar Powered Atmospheric Water Generator	Krishnamoorthy Venkatraman .	BE MECHANI/116A6060
				Suvarna Prajwal Bhaskar	BE MECHANI/116A6057
				Poojary Deekshit Doddanna	BE MECHANI/116A6040
				Radhakrishnan Vaisakh .	BE MECHANI/116A6059
2	Engineering and Technology	UG	CleanSweep – The cleaning bot	Marathervar Rahul Ganesh paneer selvam	THIRD YEAR/117A3026
				Pawar Avantika Anand	THIRD YEAR/117A3038
				Kannan Nithya .	THIRD YEAR/117A3035



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Result and Point Table

Name of the College: **Vivekanand Education Society's Institute of Technology, Chembur**

Total No. of Research Projects Selected for Final Round (Points): **2**

Position: **5**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Engineering and Technology	TH	New Hardware Methods for Extraction of Low Level Differential Signals over Wide Bandwidth With High CMRR and S/N Ratio	Warke Nilima Vasant	PH.D IN EL/01
2	Engineering and Technology	TH	Time Interval Measurement With High Resolution Over Wide Dynamic Range For Nuclear Timing Spectroscopy Applications	Chavan Kanchan Vivek	PH.D IN EL/11/11-12-2



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Result and Point Table

Name of the College: **Lokmanya Tilak College of Engineering, Kopar Khairane**

Total No. of Research Projects Selected for Final Round (Points): **2**

Position: **5**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Engineering and Technology	TH	Prosody Analysis for Emotions in Marathi Language	Harhare Trupti Kamlesh	PHD/361503
2	Engineering and Technology	TH	Enhancing The Capability of Network Protocol for Forensic Investigation and Evidence Collection	Patil Rachana Yogesh	PH.D/1



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Result and Point Table

Name of the College: **St. Francis Institute of Technology, Borivali**

Total No. of Research Projects Selected for Final Round (Points): **1**

Position: **6**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Engineering and Technology	UG	Suspect face generation using GAN	Jalan Harsh Jaykumar	B E CMPN/60
				Dsouza Sunny Prashant	BE CMPN/59
				Maurya Gautam Virendra	BE CMPN/67
				Corde Canute Savio	BE CMPN/58



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Result and Point Table

Name of the College: **Rajiv Gandhi Institute of Technology, Andheri**

Total No. of Research Projects Selected for Final Round (Points): **1**

Position: **6**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Engineering and Technology	UG	Investigation of suitability of tool profile for enhanced tensile strength of the weld in case of friction stir welding of Thermoplastics	Masurkar Ishan Mahesh	BE MECHANI/717
				Jadhav Varun Rajendra	BE MECHANI/766
				Jagtap Rutuj Rajendra	BE MECHANI/767



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Result and Point Table

Name of the College: **Don Bosco Institute Of Technology, Kurla**

Total No. of Research Projects Selected for Final Round (Points): **1**

Position: **6**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Engineering and Technology	UG	Generation of brain model from MRI scan data to assist in brain surgery	Kulkarni Neeraj Nithin	BE/27
				Kashyap Arunkumar Prakashchandra	BE/22
				Patil Siddhi Avinash	BE /39



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Result and Point Table

Name of the College: **Rajendra Mane College of Engineering and Technology, Ambav, Devrukh**

Total No. of Research Projects Selected for Final Round (Points): **1**

Position: **6**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Engineering and Technology	UG	Design of Solid Waste Management Plant	Dongare Shreyas Santosh	B.E MECHAN/18
				Anerao Suyog Kashinath	B.E MECHAN/03



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Result and Point Table

Name of the College: **Shivajirao S. Jondhale College of Engineering, Dombivli**

Total No. of Research Projects Selected for Final Round (Points): **1**

Position: **6**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Engineering and Technology	UG	Automated Solar-Powered Surveillance Rover using Recycled Lithium Cells	Bonde Riddhesh Jeevan	BE/8
				Rathi Manmohan Surendra	TE/29



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Name of the College: **K. J. Somaiya Institute of Engineering and Information Technology, Sion**

Total No. of Research Projects Selected for Final Round (Points): **1**

Position: **6**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Medicine and Pharmacy	UG	Detection of Malaria using Machine Learning	Thakkar Harsh .	BE/56
				Thakker Parth .	BE/45
				Pede Preetish .	BE/37



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Result and Point Table

Name of the College: **M.H. Saboo Siddik College of Engineering, Byculla**

Total No. of Research Projects Selected for Final Round (Points): **1**

Position: **6**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Engineering and Technology	UG	A NOVEL ALTERNATIVE FOR THE ARRANGEMENT OF SHEAR REQUIREMENT IN FLAT SLAB	Quraishi Maaz Aslam	CIVIL ENGI/2218070



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Result and Point Table

Name of the College: **Shah and Anchor Kutchhi Engineering College, Chembur**

Total No. of Research Projects Selected for Final Round (Points): **1**

Position: **6**

Details of Research Projects Selected for 14th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2019-20 (Final Round)

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Engineering and Technology	UG	IOT based Parcel Drop Box System	Kadam Rohan Sunil	BE/47
				Jain Kavish Dilip	BE/25
				Lokare Kiran Krishna	BE/28
				Shinde Krushnakant Sharad	BE/46

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