

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: $\boldsymbol{1}$

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
				Vora Jaykumar Hasmukhbhai	BE/15IN1107
1	Engineering and Technology	UG	Intrusion Tackling System	Phulpagar Hemant Dropad	BE/14IN1019
				Patil Sahil Naresh	B.E./15IN1065
				Barman Indranil anil	BE/14IN1097
			Violence Detection using Embedded GPU Sh Su	Tharali Sagar Ravikant	BE/16EE1019
2	Engineering and Technology	ud UG		Wakchaure Gaurav Sudhakar	BE/16EE1004
				Shirsat Durvesh Suryakant	BE/16EE1005
				Jadhav Jagrut Jaideep	BE/16EE1007
			Defense mechanism	Chandak Rahul Satish	BE/16EE1043
3	Engineering and Technology	UG	using Image processing	Mohitosh Chaudhari Jagdish	BE/16EE1011
				Bondre Snehal Suresh	B.E./16EE1065
4	Engineering and Technology	PG	Image Inpainting With Contextual Attention and Partial Convolution	Mohite Tejaswini Adesh	PG/15IE1001



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Class and Roll No. Sr. Title of the Name of the Category Level of the No. **Research Project** Participant/s Participant/s Enhanced brain tumor detection using Engineering and Kaushal Bhakti 5 PG fractional wavelet ME/16EC1002 Technology Surinder mohan transform and artificial neural network Engineering and Feature Selection for Deshpande Himani 6 PPG PH.D./16PDCE02 Technology Saurabh Pre-Term Child Birth Development of Real Time Encrypted Trust Engineering and based Dolphin Mukhedkar Moresh 7 PPG PHD/12PDEE003 Technology **Glowworm Optimization** Madhukar Routing Algorithm for Mobile Adhoc Network **Reliable Message** Engineering and ΤН Dissemination for Road 8 Padiya Puja Yogesh PH.D./16PDCE01 Technology Safety

Result and Point Table



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

Result and Point Table

Name of the College: Thakur College of Engineering and Technology, Kandivali

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

Position: ${\bf 2}$

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	UG	Nanoconcrete	Todmal Shreya Atul	SE CIVIL /28
L.	Technology	00	Nanoconcrete	Raut Sayli Prashant	SE CIVIL/05
				Pal Vikrant Sunder	BE MECHANI/72
2	Engineering and Technology	UG	MULTI AGRO MECHANISM	Pawar Kunal Shashikant	BE MECHANI/73
				Patil Pankaj Prakash	BE MECHANI/65
3	Engineering and Technology	PG	Performance Evaluation of ASR for Isolated words in Sindhi Language	Dharmani Aarti Hiranand	M.E. EXTC/01
4	Engineering and Technology	PPG	Comparative Evaluation of Dense Graded Bituminous Concrete with Different Nominal Maximum Aggregate Sizes	Bhana Pritesh Surendra	CIVIL ENGG/NA
5	Engineering and Technology	PPG	Investigating the need of ArogyaYojana in Saiwan, District Palghar, State Maharashtra. A step towards Ayushman Bharat	Pachori Sunita Shalabh	CHEMISTRY/0
6	Engineering and Technology	PPG	Judiciary System using Blockchain	Khairwal Neerajkumari Surajbhan	PHD/04



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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: ${\boldsymbol{2}}$

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
				Ram Deepakkumar Shriniwas	BE-MECH/35
1	Commerce, Management	UG	Design of a HVAC system for an entire 5-star Hotel.	Shaikh Sadhaquat Nasearuddin	BE-MECH/43
	and Law		Tor all chille 5-star Hoter.	Patil Sayali Machindra	BE-MCH/20
				Narkhede Bhagyashri Kishor	BE-MECH/6
		d UG	Effect of mix ratios and sizes of palm kernel shells on asphalt concrete.	Shelar Vishal Ganesh	BE/60
2	Agriculture and Animal			Gharat Rahul Kamalakar	BE/17
2	Husbandry			Gondhali Rohit Ramesh	BE/20
				Dhirde Mayur Maruti	BE/13
				acharekar Harsh vilas	BE/1
	Engineering		Fabrication and Testing of	dalvi Hemant krishna	BE/12
3	Engineering and Technology	UG	Tiles Made from Plastic Waste	chougule Neha prakash	BE/11
				chavan Krushnali limchand	BE/9



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Result and Point Table

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
				Ardalkar Gajanan maruti	BE/03
4	Engineering and Technology	UG	Cloth Bag Vending Machine	Gowda Ramkrishna Devraj	BE/29
	and rechnology		Machine	Gupta Sandhya ramesh	BE/30
				Jain Ruchi pravin	BE/34
			Application of evaporation cooling to improve the productivity in soilless farming with zero fertilizer	Kekatpure Vishrut Pradeep	BE-MECH/55
5	Engineering			Kulkarni Abhishek Uday	BE-MECH/34
	and Technology			Shimpi Ketan Rajendra	BE-MCH/64
				Mahadik Prajakta Satish	BE-MECH/36
			EXPRIMENTAL	Talware Tushar Narendra	BE-MECH/58
	Madiaina and		INVESTIGATION ON MECHANICAL	Sawant Akshay Baburao	BE-MECH/59
6	Medicine and Pharmacy	IIG	FAILURE OF BIO- IMPLANT MATERIAL FOR ORTHOPAEDIC APPLICATIONS	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: ${\boldsymbol{3}}$

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
				poojary Karan A.	B.E.INSTRU/07
1	Agriculture and Animal	UG	Sensor analytics based climate	Panchal Deep A	B.E.INSTRU/02
	Husbandry	00	resilient agriculture platform	Shetty Pratyush A	B.E. INSTR/33
		Powale Madhurima U. Study of Structural Patel Kushal Chandubhai	B.E.INSTRU/37		
			Study of Structural Behaviour of Earth		B.E. CIVIL/31
2	Engineering and	UG	Slab Panel Confined by GI Wire Mesh For Low Cost Housing.	Uttekar Sandesh H	B.E.CIVIL/48
	Technology			parmar Abhsihek N.	B.E.CIVIL/30
				Ghosalkar Shreya S.	B.E. CIVIL/14
		^d UG		pawar Prathmesh Prakash	B.E. MECHA/11
3	Medicine and		Design and manufacturing of a lower limb	Suthar Harshal Vhshnuprasad	B.E. MECHA/16
	Pharmacy		exoskeleton	Pawar Sumit Sahadev	B.E. MECHA/30
				Prabhu Praseeda rammohan	B.E. MECHA/47
			Skin Disease	Pise Omkar Narayan	B.E. COMPU/163107125
4	Medicine and Pharmacy	UG	Prediction using	Rao Kritika Sujay	B.E.COMPUT/163201173
	,		Machine Learning	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

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
	Commerce,		Three Step Security	Padhye Pritam Santosh	B.E/4238
1	Management	UG	Provider	Walde Abhinav Pramod	B.E/4270
	and Law		Three Step Security Provider Application (SPA)Walde Walde WaradeDetection of Insect Breeding Zones and Spraying Insecticides using DroneMhatre DamleDamle Gurao H	Varade Shruti Shailendra	B.E/4267
			Detection of Insect	Mhatre Shubham Suresh	BEET/54
2	Engineering and	UG	Breeding Zones and Spraying Insecticides using	Damle Ketan Sameer	BEET/17
2	Technology	00		Mishra Rupesh Kamalkant	BEET/56
				Gurao Krutika Kishor	BEET/28
	Medicine and	4	Detection of gender	Pandit Shivali Chuni lal susheela dhar	BE-IT/36
3	Pharmacy	UG	using digital forensic	Patil Harshada Vishwas	BE-IT/37
				Rout Aishwarinandini Bishnu	BE/44
				Yadav Shivraj Bhalchandra	BE/71
	Madising and		SMART SANITARY	Shetty Anoop Ramanand	BE/49
4	Medicine and Pharmacy	UG	NAPKIN DISPOSAL	Shirsolkar Prajesh Suryakant	BE/52
			MACHINE	Narayane Shreyash Kishorkumar	BE/27



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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

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
			A Hybrid Street Lamp-An	Dhobale Chirag	BE CIVIL /9
1	Commerce,	UG	Innovative Solution for Management of	Patil Akshay Kumar	BE MECH /17
	Management and Law	00	Environmental Issues and	Nautiyal Adarsh S	BE EXTC/16
			Social Laws	Pashte Sanskruti	BE CIVIL /42
			Installation and testing of electronic module for increasing power and reducing emission with use of motorcycle chassis dynamometer	Wable Shubham Kantilal	BE AUTO/57
2	Engineering and Technology	UG		Bhaleghare Ganesh Madhukar	BE AUTO/1
				Naik Nishant Nitin	BE AUTO/35
				Talla Dishnak Anil	BE AUTO/54
3	Engineering and Technology	тн	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: ${\boldsymbol 4}$

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



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Result and Point Table

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

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

Position: 4

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
			Tonets	Chaudhary Shefali Hemant	TE/06
				Chaudhary Himanshu Pralhad	TE/12
2	Agriculture and Animal	UG	SMART POULTRY FARM	Bagul Harshal Eknath	TE/03
2	Husbandry			Mali Niraj Jijabrao	TE/51
				Waghe Tanmay Anil	TE/45
				Bendre Aniket Pratap	TE/02
				Ghanvat Amit Maruti	TE/16
3	Medicine and Pharmacy	UG	V-Health +	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

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

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



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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

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	ТН	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
2	Engineering and Technology	тн	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



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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: ${\boldsymbol{5}}$

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	тн	Enhancing The Capability of Network Protocol for Forensic Investigation and Evidence Collection	Patil Rachana Yogesh	PH.D/1
2	Engineering and Technology	тн	Prosody Analysis for Emotions in Marathi Language	Harhare Trupti Kamlesh	PHD/361503



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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

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
	_ Engineering	ngineering Jug Suspect face generation using Dsouza Sunny Prasha		Jalan Harsh Jaykumar	B E CMPN/60
1				Dsouza Sunny Prashant	BE CMPN/59
	and Technology		Maurya Gautam Virendra	BE CMPN/67	
				Corda 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

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

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

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	1 Engineering and	UG	Design of Solid Waste Management	Dongare Shreyas Santosh	B.E MECHAN/18
Technology	00	Plant	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: ${\bf 6}$

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



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Result and Point Table

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: ${\bf 6}$

Sr. No.	Category	Level	Title of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
			Detection of Malaria	Thakkar Harsh .	BE/56
1	Medicine and Pharmacy	UG	using Machine	Thakker Parth .	rth . BE/45
			Learning	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: ${\bf 6}$

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: ${\bf 6}$

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
			IOT based Parcel Drop Box System	Kadam Rohan Sunil	BE/47
	Engineering and			Jain Kavish Dilip	BE/25
1	Engineering and Technology	UG		Lokare Kiran Krishna	BE/28
				Shinde Krushnakant Sharad	BE/46

Dr. Sunil Patil I/c Director, Department of Students' Development, University of Mumbai