



# 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: **Nirmala Niketan College of Home Science, New Marine Lines**

Total No. of Research Projects Selected for Final Round (Points): **15**

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	Humanities, Languages and Fine Arts	UG	MISSION HEALTH TO SUPPORT MISSION CLEAN-UP!	Kapadia Vazira Yusuf	B.SC. HOME/12
				d'souza Siena -	B.SC. HOME/3
				Kapadia Shirin Yusuf	B.SC. HOME/11
				Kate Shivani -	B.SC. HOME/13
2	Humanities, Languages and Fine Arts	PG	The Level of Emotional Intelligence, Stress Level and Coping Strategies of Mothers of Adolescents (11-18 years) with Cerebral Palsy and Mothers of Adolescents (11-18 years) without Cerebral Palsy: A Comparative Study	Nair Aathira -	M.SC. HUMA/10
				Gala Priyanka -	MSC HUMAN /04
				Madhwani Priyanshi -	MSC HUMAN/09
3	Humanities, Languages and Fine Arts	PG	Mental Wellbeing Practices among Women During Pregnancy	Gala Jaiti -	M.SC. HUMA/03
4	Humanities, Languages and Fine Arts	PG	A survey on use of psychological tests by mental health professionals	Neemuchwala Amatullah -	M.SC. HUMA/11
				Gala Jaiti -	MSC HUMAN /03
				Dasgoankar Vinaya -	MSC HUMAN /02
				Salian Raksha -	MSC HUMAN/12



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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	Commerce, Management and Law	UG	Coping strategies and effectiveness and level of burden of the primary caregivers, doctors, nurses and counsellors taking care of terminally patients	Waghela Gayatri -	TYBSC HUMA/27
				Lokhandwala Huesena -	TYBSC HUMA/13
6	Commerce, Management and Law	UG	Recipe to Good Occupational Health!	Ovias Zoya -	B.SC. HOME/40
				Hegde Sarah -	B.SC. HOME/7
				Karthik Lakshmi -	B.SC. HOME/17
				Wani Sanskruti -	B.SC. HOME/ 39
7	Commerce, Management and Law	PG	EFFECT OF ANXIETY ON INJURY OCCURRENCE AND PERFORMANCE IN BADMINTON PLAYERS AGED 13-18 YEARS.	Thobhani Janvi Vijay	M.SC. HOME/2054220
8	Commerce, Management and Law	TH	The Sustainable Future of Khadi	Khedekar Vibhuti Shritej	PH.D./37/30-11-2
9	Pure Sciences	PG	RECYCLING VEGETABLE KITCHEN WASTE FOR NATURAL DYEING: AN EXPLORATORY SURVEY	Bhanushali Riddhi Vallabhji	M.SC. HOME/2054301
10	Agriculture and Animal Husbandry	PG	Determination of nutrient content of underutilized fruit Anthocephalus indicus (Niv fruit) and to study its consumption patterns	Kinjalkar Reema -	M.SC. HOME/2054007
11	Agriculture and Animal Husbandry	PG	FORMULATION OF EASILY DIGESTIBLE DAL PREPARATION WITH DIGESTIVE ENZYMES FOR GERIATRIC POPULATION	Kanchan Nikita -	M.SC. HOME/2054006



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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
12	Agriculture and Animal Husbandry	PG	Waste utilization of Prunica granatum peel extract (Pomegranate peel extract) to develop an alginate based edible coating on Fragaria × ananassa (Strawberry) for improving its shelf life and also studying its effectiveness using physical, chemical, microbial and sensory attributes.	Shaikh Ashna -	M.SC. HOME/2054019
13	Agriculture and Animal Husbandry	PG	Utilization of Potato Peels As A Source of Natural Antioxidant And Incorporated Into Value Added Products	Haque Mubasshira Mazharul	M.SC. HOME/09
14	Agriculture and Animal Husbandry	PPG	Khadi- The Fabric for India's Fashionables	Sangani Jinal -	PH.D./0001
15	Engineering and Technology	PPG	Digital Ink Waste management on cotton fabric with screen printing method	Kulkarni Anuja -	PH.D./0001



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### Result and Point Table

Name of the College: **Ramnarin Ruia College, Matunga**

Total No. of Research Projects Selected for Final Round (Points): **9**

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	Humanities, Languages and Fine Arts	UG	Peer tutoring in mental retardation	Godbole Rasika Avinash	SYBA/2528
2	Humanities, Languages and Fine Arts	UG	A study of fear of missing out (FoMO) and its relation with self esteem	Soman Madhura Prashant	SYBA/2608
3	Pure Sciences	PG	BIODEGRADABLE SANITARY NAPKINS	Chitre Arpita Sandeep	MSC II/502
				Gajendragadakar Revati Suhas	MSC II/503
				Joshi Mithila Sunil	MSC II/505
4	Pure Sciences	PG	QUORUM QUENCHER FOR Pseudomonas aeruginosa: AHL LACTONASE PRODUCED BY MARINE BACTERIA	Suthar Jashoda Kishanlal	MSCII/612
5	Agriculture and Animal Husbandry	UG	Quality Evaluation of Indian Spices Mixture for better Market Acceptance	Satam Subodh Dattavijay	TYBVOC/8975
				Sukumaran Neha Sukumaran	TYBVOC/8952
				Bhosale Sayali Ravindra	TYBVOC/8959
				Gosavi Tanmayi Paramanand	TYBVOC/8958



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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
6	Agriculture and Animal Husbandry	UG	Cloning of Tomato Mosaic Viral RNA using Degenerate Primers	Malpekar Aditya Ashish	TYBSC/7915
				Pethe Madhushree Anand	SYBSC/6312
7	Agriculture and Animal Husbandry	PG	Growth Enhancement of Agricultural Crops Using Seaweed Liquid Fertilizer	Parab Akshada Anand	MSC II/640
8	Engineering and Technology	PG	Detection of salmonella species using microfluidic chip	Patil Ankita P	MSC PART 2/616
9	Medicine and Pharmacy	PG	Application of Starch extracted from tubers in making bioplastic and pharmaceutical tablets	Shetye Pratik Anil	MSC II/728
				Sinha Rohan Sinha	MSC II/695
				Patkar Madhura Sudhir	MSC II/730
				Rahate Kshitija Sachin	MSC II/661
				Prasad Rani Radhe shyam	MSC II/659



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(Selection Round)

### Result and Point Table

Name of the College: **Vidyalankar School of Information Technology, Wadala**

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	Agribot	Mulla Muwaj Tajuddin	TYBSCIT/17302B0023
				Kashavena Vandana Krishnarao	TYBSCIT/17302B0024
2	Engineering and Technology	UG	Smart Robot Companion	Ambre Nishant Anil	TYBSCIT/17302B0001
				Nangare Srushti Sushil	TYBSCIT/17302B0032
3	Engineering and Technology	UG	Digital fuel meter and usage analyser	Mithaiwala Mansoor Mustansir	TYBSCIT/17302A0064
				Yadav Nisha Shrivankumar	TYBSCIT/17302A0036
4	Engineering and Technology	UG	Object Detection for Child education using AI	Tripathi Suraj Umashankar	TYBSCIT/17302D0044
				Kadu Rasika Ramesh	TYBSCIT/17302D0048



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(Selection Round)

### Result and Point Table

Name of the College: **Kishinchand Chellaram College, Churchgate**

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	Mechanisms Used By Retailers Against Online Consumerism	Morakhia Shanvi Chirag	TYBSC/191
				Jain Siddhi Kishor	TYBSC/182
				Shah Simran Kaushik	TYBSC/203
				Vora Janvi Vikas	TYBSC/214
2	Commerce, Management and Law	UG	Impact of Economic decisions on Bombay Stock Exchange	Shetty Chinmay Shankar	T.Y.BSC/205
				Jadhav Gaurav Prashant	T.Y.BSC/180
				Fagniya Chelsi Sanjay	T.Y.BSC/178
				Potdar Sharvari Shrikant	T.Y.BSC/196
3	Commerce, Management and Law	UG	Commercialisation of Emotional Intelligence	Wadher Mitali Rajendra	SYBA/35
				Maheshwari Girisha Niraj	SYBA/14



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

### Result and Point Table

Name of the College: **D.G. Ruparel College of Arts, Science and Commerce, Mahim**

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	Humanities, Languages and Fine Arts	UG	COMFO-BELT: PERIOD PAIN RELIEVER	Ansurkar Mrunal Mahesh	TYBSC.C.S/CS 2003
2	Pure Sciences	UG	ATC : Adaptive Traffic Controller	Chavan Amogh Uday	S.Y.B.SC./CS-3011
				Kadam Ankita Vilas	S.Y.B.SC./CS-3040
3	Pure Sciences	PG	THE HYDRO-CLEANUP ROV: A water body cleaning device	Kadge Jatin Nandkumar	MSC II PHY/104





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

### Result and Point Table

Name of the College: **Sophia College for Women, Bhulabhai Desai Road**

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	Medicine and Pharmacy	UG	Role of DHA in hypoxia-induced motor impairment of <i>Caenorhabditis elegans</i>	Pillai Ira Sunil	TYBSC/S17145
2	Medicine and Pharmacy	UG	Effects of Ethanol on Cell Death and Motor Neuron Development in Zebrafish ( <i>Danio rerio</i> )	Khan Simrah Imran	TYBSC/S17109



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### Result and Point Table

Name of the College: **Jai Hind College, Basantsing Institute of Science and J.T. Lalvani College of Commerce, Churchgate**

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	Pure Sciences	UG	Bio-Plastic, it's fantastic	Chandak Nandini Gopal	T.Y.B.SC./26
2	Medicine and Pharmacy	UG	Presence of Staphylococci on raw vegetables & it's biofilm forming potential	Chakravarty Udeshta Padmanav	T.Y.B.SC./63
				Zariwala mahesheed Shamim	T.Y.B.SC./78
				Jain Himani Dinesh	T.Y.B.SC./65



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### Result and Point Table

Name of the College: **Nirmala Niketan College of Social Work, New Marine Lines**

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	Humanities, Languages and Fine Arts	PG	Women Rag pickers: Livelihood and issues related to occupation.	Kharat Santosh Natha	MSW-2/26
2	Humanities, Languages and Fine Arts	PG	To study the practices of menstrual hygiene among rural adolescent girls.	Mohite Sonam Sanjay	MSW-2/33



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### Result and Point Table

Name of the College: **Kirti M. Dongursee College of Arts, Science and Commerce, Dadar**

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	Pure Sciences	UG	Development of Smart Toilet using internet of things (IoT)	Chavan Akshay Ravikant	BSC COMPUT/05
2	Pure Sciences	PG	Evolution of Internet Of Things and Artificial Intelligence in Intelligent Smart Vehicles	Chavan Aatish Namdev	M.SC-IT/01
				Bhansali Tanesh Tarun	M.SC-IT/10
				Boat Faisal Noormohd	M.SC-IT/19



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

### Result and Point Table

Name of the College: **Guru Nanak Khalsa College of Arts, Science and Commerce, Matunga**

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	Pure Sciences	UG	Utilization of fruit waste and producing zero wastage.	Jha Bhanukumar Manoj	T.Y.B.SC./25
				Nikam Ruchira Anilkumar	T.Y.B.SC./43
				Bhabad Anouksha Mahendra	T.Y.B.SC/5
2	Engineering and Technology	PG	Bio-Concrete: The Self-Healing Concrete	Kadam Shraddha Santosh	M.SC/08



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### Result and Point Table

Name of the College: **The Institute of Science, Fort**

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	Pure Sciences	PPG	Green Synthesis Of Copper Nanoparticles Using Fungal Extract	Saitawadekar Aadity Sanjay	PH.D/-
2	Pure Sciences	PPG	STUDY OF SILVER AND COPPER NANOPARTICLES SYNTHESIZED USING <i>Salvadora persica</i> LEAVES VIA GREEN METHOD	Khamkar Apurva Ajay	PH.D/-



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(Selection Round)

### Result and Point Table

Name of the College: **R.A. Podar College of Commerce and Economics, Matunga**

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	Commerce, Management and Law	PG	Charging of Penalty for Non-Maintenance of Minimum Balance in Savings Bank Account - Fair or Unfair?	Tanksali Nikita M.	M.COM./64



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### Result and Point Table

Name of the College: **Wilson College, Chowpatty, Charni Road**

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	Humanities, Languages and Fine Arts	UG	Reinventing Learning	Saboowala Abdul basit Talha	B.SC./178

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