University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

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

Category and Level-wise

Category: Humanities, Languages and Fine Arts

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
1	UG	FIRST	COMFO-BELT: PERIOD PAIN RELIEVER	D.G. Ruparel College of Arts, Science and Commerce, Mahim	Ansurkar Mrunal Mahesh	TYBSC.C.S/CS 2003	3
2	UG	SECOND	Peer tutoring in mental retardation	Ramnarain Ruia College, Matunga	Godbole Rasika Avinash	SYBA/2528	2
3	UG	THIRD	Reinventing Learning	Wilson College, Chowpatty, Charni Road	Saboowala Abdul basit Talha	B.SC./178	1
4	UG	CONSOLATION	E- Governance with Blind Spots	Arts and Commerce College, Juchandra	Jadhav Rutuja Rajesh	FYBA/12	0
					Sonawane Urmila Shantaram	FYBA/49	
5	PG	FIRST	To study the practices of menstrual hygiene among rural adolescent girls.	Nirmala Niketan College of Social Work, New Marine Lines	Mohite Sonam Sanjay	MSW-2/33	3

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
6	PG	SECOND	Women Rag pickers: Livelihood and issues related to occupation.	Nirmala Niketan College of Social Work, New Marine Lines	Kharat Santosh Natha	MSW-2/26	2
7	PG	THIRD	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	Nirmala Niketan College of Home Science, New Marine Lines	Nair Aathira -	M.SC. HUMA/10	1
					Gala Priyanka -	MSC HUMAN /04	
					Madhwani Priyanshi -	MSC HUMAN/09	
8	PPG	FIRST	Need and Relevance of Wetland Habitat Mapping for encouraging Wise Development using ODK- A case study of Karambeli Wetland, Khalapur	Department of Geography	Gawai Nikhil Vilas	PHD/123	3
					Ashtekar Kapil Devidas	PHD/98	

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Category: Commerce, Management and Law

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
9	UG	FIRST	Recipe to Good Occupational Health!	Nirmala Niketan College of Home Science, New Marine Lines	Ovias Zoya -	B.SC. HOME/40	3
					Hegde Sarah -	B.SC. HOME/7	
					Karthik Lakshmi -	B.SC. HOME/17	
					Wani Sanskruti -	B.SC. HOME/ 39	
10	UG	SECOND	Commercialisation of Emotional Intelligence	Kishinchand Chellaram College, Churchgate	Wadher Mitali Rajendra	SYBA/35	2
					Maheshwari Girisha Niraj	SYBA/14	
11	UG	THIRD	IMPACT OF TV ADVERTISEMENT OF COSMETICS ON BUYING BEHAVIOR OF COLLEGE GOING GIRLS IN BHANDUP CITY	Ramanand Arya D.A.V. College, Bhandup	Shaikh Sabista Naseem	SYBAF/416	1
12	UG	CONSOLATION	आधुनिक मत्स्योत्पादन तंत्र:- उत्पन्न, निर्यात व त्याचे नैसर्गिक परिणाम	R.P. Gogate college of Arts and Science and R.V. Jogalekar Collegeof Commerce, Ratnagiri	Prabhu Chinmay Suresh	TYBA/216	0
					Shetye Prathmesh Nandakumar	TYBSC/106	

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
13	PG	FIRST	कचरा व्यवस्थापनाद्वारे उत्पन्न आणि रोजगार निर्मिती :एक प्रतिमान	R.P. Gogate college of Arts and Science and R.V. Jogalekar Collegeof Commerce, Ratnagiri	Shinde Rutuja Rajendra	MCOM-I/77	3
14	PG	SECOND	मला सुट्टी हवी	D.B.J. College, Chiplun	Shinde Rakshanda Santosh	MCOM/36	2
15	PG	THIRD	A study on Senior Citizens' experiences with Mobile banking	K.G. Joshi College of Arts and N.G. Bedekar College of Commerce, Thane	Mishra Ritu Indrajit	MCOM/21	1
16	PPG	FIRST	TOURIST PREFERENCES' AS AN ANTECEDENT OF DESTINATION CHOICE WITH REFERENCE TO RAIGAD DISTRICT	Pillai College of Arts, Commerce and Science, New Panvel	Kudav Girish Prakash	PH.D.(BUSI/NA	3
17	PPG	SECOND	STUDENTPRENEUR: UNDERSTANDING ENTREPRENEURIAL INTENTIONS AMONG URBAN POST-MILLENNIALS	Pillai College of Arts, Commerce and Science, New Panvel	Bane Shravan Subhash	PH.D.(BUSI/NA	2
18	TH	FIRST	Reach The Unreached - A Single Window Web App For Health Care Schemes	Department of Commerce	Zalkikar Sujata Achyut	P.HD/85	3

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
19	TH	SECOND	Banking for Divyang	Changu Kana Thakur Arts, Commerce and Science College, New Panvel	Sathe Sonali Ashutosh	PH.D./-	2

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Category: Pure Sciences

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
20	UG	FIRST	Electrodynamics Simulator	Vivekanand Education Societys College of Arts, Science and Commerce, Chembur	Ramchandani Sagar Shyam	TYBSC PHYS/310	3
21	UG	SECOND	Detection of halogens using copper (II) nitrate	R.P. Gogate college of Arts and Science and R.V. Jogalekar Collegeof Commerce, Ratnagiri	Rane Purva Ravindra	FYBSC/99	2
					Gogate Tanvi Sanjay	FYBSC/90	
22	UG	THIRD	To develop a mathematical model for diagnosis of diabetes, anaemia and hypertension by using fuzzy matrices	R.P. Gogate college of Arts and Science and R.V. Jogalekar Collegeof Commerce, Ratnagiri	Pokharanakar Mugdha Mahesh	FYBSC/07	1
					Desai Muktai Milind	FYBSC/05	
23	UG	CONSOLATION	Ecofriendly Sanitary Napkin	Ramsheth Thakur College of Commerce and Science, Kharghar	Singh Geeta Mukesh	SYBS.C/31	0
					Choudhary Jyoti -	SYBSC/32	
24	UG	CONSOLATION	Coronal Mass Ejection in Sun	Ramsheth Thakur College of Commerce and Science, Kharghar	Virkud Nimish -	FYBSC/35	0
					Dalvi Riddhi Dilip	FYBSC/04	
25	PG	FIRST	ECOFRIENDLY CLEANSING FOR ALL	Ramniranjan Jhunjhunwala College, Ghatkopar	Gudulkar Susmita Shridhar	MSC PART I/104	3

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
26	PG	SECOND	Green Synthesis of Zinc Oxide Nanoparticles from Viteveria Zizanoides	Vinayak Ganesh Vaze College of Arts, Science and Commerce, Mulund	Inamdar Vrushali Milind	PGDPCM/1403	2
					Shraddha Suresh	PGDPCM/1424	
27	PG	THIRD	THE HYDRO-CLEANUP ROV: A water body cleaning device	D.G. Ruparel College of Arts, Science and Commerce, Mahim	Kadge Jatin Nandkumar	MSC II PHY/104	1
28	PG	CONSOLATION	KETOCONAZOLE AND TEA TREE OIL LOADED MICROSPONGE BASED GEL: POTENTIAL TREATMENT FOR SEBORRHEIC DERMATITIS	Dr. Bhanuben Nanavati College of Pharmacy, Vile Parle	Patel Charmi Laxmichand	S. Y. M. P/9	0
29	PPG	FIRST	Simple, inexpensive and innovative salt crystal for preservation of organisms and DNA	Department of Bio-Physics	Jaiswal Vinod Deomani	PHD/14	3
30	PPG	SECOND	Synthesis of Carbon Nano Fiber from plant waste and its application in supercapacitor	B.K. Birla College of Arts, Science and Commerce, Kalyan	Wakchaure Sandip Vishnu	PH.D./4	2
31	PPG	THIRD	Cost effective advanced treatment plant for remediation of dyes in textile effluent	National Centre for Nonoscience and Nanotechnology	Borade Prashant Appasaheb	PH.D. /12	1
32	PPG	CONSOLATION	Intelligent Recipe Maker and Recommender	Department of Computer Science	Sen Indrani Suresh	PHD/_	0

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
33	TH	FIRST	Lightweight and outstanding thermal insulator monolithic silica aerogel blanket	Department of Physics	Jadhav Sapna Bakul	PH.D/NA	3
34	TH	SECOND	Isolation and Characterization of Polymer Degrading Microbs from Kalyan Municipal dumping yard	Department of Chemistry	Ware Pundlik shivaji	PHD/189/07-11-	2
35	TH	THIRD	AYURVEDIC PLANT EXTRACT: A PANACEA FOR BACTERIAL INFECTIONS	SIES College of Arts, Science and Commerce, Sion (W)	Kamble Pramod Ananda	PHD/NA	1

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Category: Agriculture and Animal Husbandry

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
36	UG	FIRST	ARTIFICIAL RAIN and Effluent treatment via co2 carrier	Saraswati Vidya Bhavan College of Pharmacy, Dombivli	Bhanushali Amogh Uday	THIRD YEAR/62	3
					Pawar Shubham Shivaji	THIRD YEAR/17	
					Patil Aniket Tukaram	THIRD YEAR/23	
					Nikam Trunal Manohar	THIRD YEAR/49	
					Yadav Rahul Bajrangi	THIRD YEAR/62	
37	UG	SECOND	Cloning of Tomato Mosaic Viral RNA using Degenerate Primers	Ramnarain Ruia College, Matunga	Malpekar Aditya Ashish	TYBSC/7915	2
					Pethe Madhushree Anand	SYBSC/6312	
38	UG	THIRD	Role of Microbial Elicitors in Inducing Resistance in Plants against Pathogen	Changu Kana Thakur Arts, Commerce and Science College, New Panvel	Tade Aisha Javed	T.Y. B.SC./32	1
39	PG	FIRST	Mastheal: Novel approaches for mastitis in cattle	Dr. Bhanuben Nanavati College of Pharmacy, Vile Parle	Khatri Raj Niken	S. Y. M. P/4	3
					Kapoor Diksha Manoj	S. Y. M. P/7	
40	PG	SECOND	Novel Transdermal Nanofibre Formulation for Inflammation and arthritis	Dr. Bhanuben Nanavati College of Pharmacy, Vile Parle	Churi Sayali Rajesh	S. Y. M. P/4	2
					Gaikwad Sushma Shashikant	S. Y. M. P/6	

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
41	PG	THIRD	Utilization of Potato Peels As A Source of Natural Antioxidant And Incorporated Into Value Added Products	Nirmala Niketan College of Home Science, New Marine Lines	Haque Mubasshira Mazharul	M.SC. HOME/09	1

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Category: Engineering and Technology

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
42	UG	FIRST	Fabrication and In-vitro testing of Biosynthetic skin for burn wounds	Dwarkadas J. Sanghvi College of Engineering, Vile Parle	Deshmukh Madhura Venkatesh	B.E./6001316000	3
					Teli Dhwani Rajesh	B.E./6001316002	
					Vichare Prashali Santosh	B.E./6001316002	
43	UG	SECOND	MULTI AGRO MECHANISM	Thakur College of Engineering and Technology, Kandivali	Pal Vikrant Sunder	BE MECHANI/72	2
					Pawar Kunal Shashikant	BE MECHANI/73	
					Patil Pankaj Prakash	BE MECHANI/65	
44	UG	THIRD	Fabrication and Testing of Tiles Made from Plastic Waste	Saraswati College of Engineering, Kharghar	acharekar Harsh vilas	BE/1	1
					dalvi Hemant krishna	BE/12	
					chougule Neha prakash	BE/11	
					chavan Krushnali limchand	BE/9	
45	UG	CONSOLATION	Automated Solar-Powered Surveillance Rover using Recycled Lithium Cells	Shivajirao S. Jondhale College of Engineering, Dombivli	Bonde Riddhesh Jeevan	BE/8	0
					Rathi Manmohan Surendra	TE/29	

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
46	PG	FIRST	Bio-Concrete: The Self-Healing Concrete	Guru Nanak Khalsa College of Arts, Science and Commerce, Matunga	Kadam Shraddha Santosh	M.SC/08	3
47	PG	SECOND	Solubility Enhancement of Irbesartan using Inclusion Complexion Technique	Dr. Bhanuben Nanavati College of Pharmacy, Vile Parle	Raut Adishri Ashok	S. Y. M. P/11	2
					Sharma Dhvani Sandeep	S. Y. M. P/14	
48	PG	THIRD	ESTIMATION OF A DRUG FROM BIOLOGICAL FLUID USING MICROEXTRACTION – A SAFE AND EFFECTIVE APPROACH FOR PRECLINICAL STUDIES	Vivekanand Education Society College of Pharmacy, Chembur	Gupta Sumit Gourishankar	S. Y. M. P/-	1
49	PPG	FIRST	Judiciary System using Blockchain	Thakur College of Engineering and Technology, Kandivali	Khairwal Neerajkumari Surajbhan	PHD/04	3
50	PPG	SECOND	Feature Selection for Pre-Term Child Birth	Ramrao Adik Institute of Technology, Nerul	Deshpande Himani Saurabh	PH.D./16PDCE02	2
51	PPG	THIRD	Development of Real Time Encrypted Trust based Dolphin Glowworm Optimization Routing Algorithm for Mobile Adhoc Network	Ramrao Adik Institute of Technology, Nerul	Mukhedkar Moresh Madhukar	PHD/12PDEE003	1

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
52	TH	FIRST	Enhancing The Capability of Network Protocol for Forensic Investigation and Evidence Collection	Lokmanya Tilak College of Engineering, Kopar Khairane	Patil Rachana Yogesh	PH.D/1	3
53	TH	SECOND	Parametric Investigation for Sustainable Water Supply Network, Quality and Security Management with Application of GIS and Remote Sensing	Pillais Hoc College of Engineering and Technology, Rasayani	Nagarajan Karthik	PHD/3	2
54	TH	THIRD	New Hardware Methods for Extraction of Low Level Differential Signals over Wide Bandwidth With High CMRR and S/N Ratio	Vivekanand Education Society's Institute of Technology, Chembur	Warke Nilima Vasant	PH.D IN EL/01	1

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Category: Medicine and Pharmacy

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
55	UG	FIRST	SMART SANITARY NAPKIN DISPOSAL MACHINE	Bharati Vidyapeeth College of Engineering, Kharghar	Yadav Shivraj Bhalchandra	BE/71	3
					Shetty Anoop Ramanand	BE/49	
					Shirsolkar Prajesh Suryakant	BE/52	
					Narayane Shreyash Kishorkumar	BE/27	
56	UG	SECOND	MEDFRIEND - ONE PRESS TABLET REMINDER & DISPENSER	Ideal College of Pharmacy and Research, Kalyan	Manjrathkar Aditya Arun	FINAL YEAR/421	2
					Zaware Sujit Suryabhan	FINAL YEAR/457	
					Bhilare Aniket Pandurang	FINAL YEAR/404	
					Lavande Janhavi Vinayak	IIIRD YEAR/333	
					Jha Anjali Govind	IIIRD YEAR/328	
57	UG	THIRD	Smart Prototype Device for Industrial Waste Water Recovery and Reuse	Bombay College of Pharmacy, Kalina	Singh Nishant Pramod	FINAL YEAR/B161018	1
					Singh Shubham Janak	FINAL YEAR/B161019	
					Prajapati Prachi Pankaj	FINAL YEAR/B161015	

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
58	PG	FIRST	Anti-Fungal Nail Lacquer: An aid to ameliorate patient compliance.	Vivekanand Education Society College of Pharmacy, Chembur	Tank Shivali Hargovind	S. Y. M. P/-	3
					Phatak Kshitija Milind	S. Y. M. P/PH-07	
59	PG	SECOND	Electrospun Nanofibers – "A Green Future for Feminine Hygiene"	Bharati Vidyapeeth's College of Pharmacy, Belapur	Bhadarge Meghana Shrirang	SECOND YEA/02	2
60	PG	THIRD	Cyclodextrin Nanosponges Based Dry Powder Inhalation of Bosentan for Management	Dr. Bhanuben Nanavati College of Pharmacy, Vile Parle	Nikam Mayuri Sitaram	S. Y. M. P/9	1
					Bodkhe Shraddha Nanasaheb	S. Y. M. P/1	
					Shetty Kshitya Narayan	S. Y. M. P/15	
61	PG	CONSOLATION	FORMULATION OF TOPICAL NANOCAPSULE GEL OF OXYBENZONE	Bombay College of Pharmacy, Kalina	Vasani Heta Sunil	SECOND YEA/M181031	0
62	PPG	FIRST	Building a platform for Setting up of rapid, preliminary in-vitro screens for anti-cancer activity testing	Dr. Bhanuben Nanavati College of Pharmacy, Vile Parle	Jadhav Mrunal Mohan	PHD/2	3
63	PPG	SECOND	Synthesis and cytotoxic activity of quinazolinones as PARP inhibitors	Dr. Bhanuben Nanavati College of Pharmacy, Vile Parle	Sankhe Kaksha Vidhyadhar	PHD/1	2

University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

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

Sr. No.	Level	Rank	Title of the Research Project	Name of the College	Name of the Participant/s	Class and Roll No. of the Participant/s	Points
64	TH	FIRST	Design, Development and Optimization of W/O/W Multiple nanoemulsion of Gemcitabine Hydrochloride	Vivekanand Education Society College of Pharmacy, Chembur	Korlekar Pradnya -	TEACHING/-	3
					Tank Shivali Hargovind	-/-	
					Parab Bhagyashri Surendra	-/-	

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