



# R. J. COLLEGE of Arts, Science & Commerce (AUTONOMOUS)

(Hindi Vidya Prachar Samiti's RAMNIRANJAN JHUNJHUNWALA COLLEGE of Arts, Science & Commerce)

Opposite Ghatkopar Railway Station, Ghatkopar (West), Mumbai 400086, Maharashtra, INDIA.

Website: www.rjcollege.edu.in Email: rjcollege@rjcollege.edu.in Tel No: +91 22 25151763 Fax No: +91 22 25150957

College is recognized under Section 2(f) & 12(B) of the UGC Act, 1956

Affiliated to UNIVERSITY OF MUMBAI || NAAC Re-Accredited 'A' Grade (CGPA: 3.50)

## NOTICE

The annual festival of Department of Botany called 'Botanica 2021' is organized on 28<sup>th</sup> January, 2021 by online mode. Botanica is a signature annual activity of the department show casing the fantastic biodiversity of plant life with special focus on utility and application of plants and plant based products in improving quality of life. It is the event which is primarily organized by the second year students of Botany and the 8<sup>th</sup>, 9<sup>th</sup>, 10<sup>th</sup> standard students of the nearby schools are invited to visit the exhibits. This activity nurtures the talent of a student leading to independent thinking and working together in a team. It improves their communication and improves their confidence. This year, in the online mode, basic scientific concepts that would answer student curiosity and queries will be presented in the form of videos prepared by our SYBSc Botany students. The session would be open for all.

  
Principal

PRINCIPAL

RAMNIRANJAN JHUNJHUNWALA COLLEGE  
OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)  
Ghatkopar (W), Mumbai-400 086, Maharashtra, INDIA



2019: Star College Status by DBT

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Hindi Vidya Prachar Samiti's

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**Department of Botany**

**DBT Star College Status and Star College Activity**

# Botanica 2020



28 Jan, 2021 (Thursday)



9.00 am




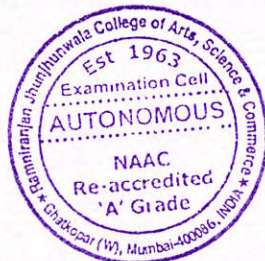
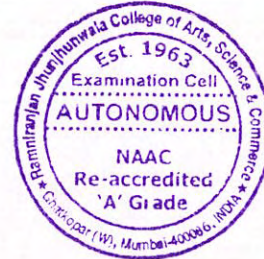
Zoom Platform &

Live on YouTube: <https://youtu.be/B8oPku16RRo>



**Chief Guest**  
**Dr. Krishnakant Jha**  
Entrepreneur (Alumni-Botany)

  
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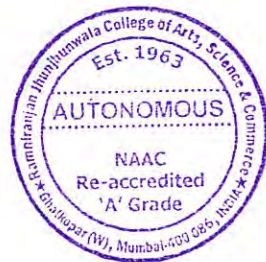
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## Capacity Development and Skill Enhancement activities organized for improving student capabilities

Due to pandemic situation 'Botanica' an annual exhibition by students, for the students was celebrated online. The theme was 'Application of Plant Sciences'. The program was inaugurated by the Chief Guest **Mr Krishnakant Jha**, Founder and Director of Classic Trees Pvt. Ltd. Who is also an alumni of Department of Botany. Project competition was arranged for SYBSc students on this occasion in which they presented the video made by them for their projects as well as power point slide show made by some students as they project. Total 120 participants exhibited their projects/videos on 28<sup>th</sup> January 2021 during Botanica 2020-2. The online program was attended by many students of schools like Domnic Savio High School and Hindi High School from the vicinity. This activity is a capacity building and skill enhancement activity. It develops the language and communication skills of the students. It also helps students to self learn the topic of their interest and be aware of recent trends in technology.



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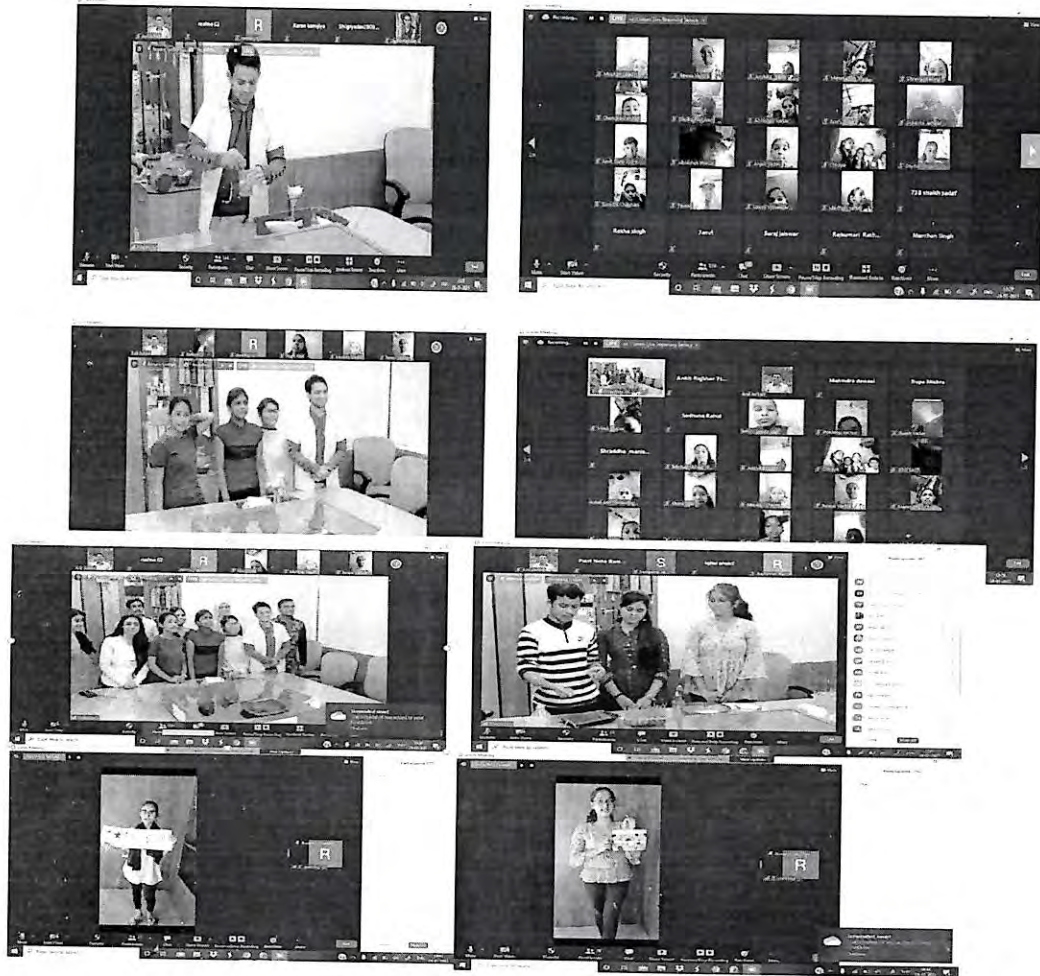
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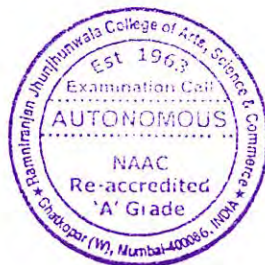
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**Capacity Development and Skills Project Presentation and Videos**  
 Presentation prepared by students



- Online Annual Fest "BOTANICA" showcase the fascinating world of plants Skill enhancement activity for students

[https://youtu.be/b28ulOg\\_jh0](https://youtu.be/b28ulOg_jh0)



*[Signature]*  
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**CAPACITY BUILDING AND SKILL ENHANCEMENT PRESENTATION BY STUDENTS**





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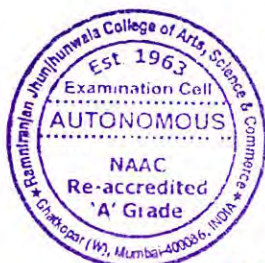
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## Botanica 2020-21

### SYBSc Student's Projects

Gr. No	Participants	SYBSc Roll no	Topic	Mentor
01	AfreenbanuChoudhary Shivani Shrivastav G	506 745	Detecting Adulterants3.37	Dr. Nisha Muni
02	Maitreyee Singh Sheela Vishwakarma	542 550	Adulteration in daily food products 3.37	
03	Khan Shabnam Nisar Ahmed Singh Shradha Sanjay Punam	518 544	Pectin extraction3.45	
04	MuskanMuqem Shaikh Jyoti Rajesh Gound	727 708	Natural soaps4.38	
05	Rakhi Ajay Gupta Sejal Nilesh Singh	711 733	Plant Fossils and fossilisation 3.40	
06	SupriyaAdyaprasad Mishra Fiza Mehmood Shaikh	522 535	Photolysis of water 2.59	
07	Reetesh Chaturvedi Astha Yadav	702 560	Sandalwood (benefits, side effect and medicinal properties) 3.30	
08	Sneha Vishwakarma Vaishnavi Amin	551 501	Plant pigments Anthocyanin 4.35	Capt. Pravin Nayak
09	Pranjalyadav Sukriti Upadhyay Tiwari Sanjana	530 748 751	Soil erosion and conservation 4.49	
10	TanzilfatmaMansoori Sakshi Anil Sathe	521 725	Does plants have skeleton? 3.15	
11	Raeesa Ismail Kasu Mariam Chougule	715 508	DNA extraction5.00	
12	Bhagwati Dewasi Komal Gupta	706 709	Extracting of natural colours from the plants 4.30	
13	Sanjana Tiwari Kusum Gupta	751 710	Transpiration process in plants 3.50	
14	Rahimunnisa Khan Diksha shri Patel	561 563	Why onions make you cry?	Dr. Anil Avhad
15	Nandani Gupta Shaikh Sana	512 536	Touch me not plant (chhuimui)5.00	
16	Twinkle Chaurasiya Pravalika Bore	704 701	Dissection of Hibiscus flower 3.00	
17	Pooja Shrikant Singh Rubi saheblalvishwakarma	746 549	Seed germination types 4.00	



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18	Pooja Dadaso Tikudave Rutuja Raghunath Patil Yadav Lakshmina	547 526 737	How to grow microgreens methi (Fenugreek)? 4.00	Dr. Anil Avhad
19	Vandana Vishwakarma Pooja Bijendra Singh	734 558	Cell cycle and cell division 3.51	
20	Priyanka Singh Saylee Kondekar	543 533	Biofuels 3.50	
21	Rehmani Afsana Haqiqullah Shaikh Rukhsana Mohammed Ashraf	532 564	Physiological processes, imbibition/ osmosis 4.19	Dr. Veena Kelkar
22	Dipti Katkar Afrin Shaikh	514 534	Energy flow through different trophic levels 4.00	
23	Choudhary Krishna Bhagaram Gawde Pratiksha Udaykant	507 510	Herbs for Memory enhancement 4.00	
24	Sanjana Gupta Azram Khan	713 718	Karyotyping 2.44	
25	Riya Mishra Rashmi Pandit	722 724	Cytoplasmic inheritance 3.59	
26	Aakanksha Yadav Samira Ansari	552 503	Medicinal plants (Tulsi, Mint and Ginger) 4.06	
27	Siddhi Pawar Siddhi Pawar	527 528	Carbon Dating. 5.00	
28	Abhay Sharma Shivam Prajapati Deepak Verma	537 529 548	Commercial vertical gardens 2.00	
29	Siddiqui Juberhasan Vishwakarma Priti	539 559	Morphology of flowering plants 4.10	Dr. D. B. Singh
30	Shaikh Arshiya Ravina Pal	726 562	Are fruits alone? No they need company 2.00	
31	Shaikh Sadaf Neha Kausar	738 742	Adulteration in our day today life production 3.55	
32	Shaikh Ummeeman Khan Suraiya	729 739	Plant pigment as antioxidant 3.05	
33	Shreya Sharma Kalpesh Bhawal	730 714	Biofuels 2.38	Prof. Ms. Ruchira
34	Khan Afrin Anu Pathak	515 525	Greenhouse effect	
35	Muskan Shaikh Nayana Nikam	728 723	Medicinal Botany 4.00	Prof. Ms. Ruchira
36	Jyoti Kamlesh Gupta Mukesh Munnilal Yadav	750 554	BRANCHES OF BOTANY 4.00	
37	Sakshi Gupta	712	Water cycle and its importance 3.06	Prof. Ms. Aishwarya
38	Kusum Gupta	710	Transpiration process in	



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	Sanjana Tiwari	751	plants	
39	Saba Khan	519	Ultrastructure of chloroplast	
	TarannumNisha	546	3.50	
40	Priyanka Arjun Singh	731	Why Popcorn pop up?	
	Chandan Jitne Rai	531	2.30	
41	Saloni Singh	743	Extracting natural colours	
	Jyoti Gupta	750	from vegetables	
			3.11	
42	Priyanka Goud	511	Crafting with dry flowers.	
	Farnaz Ansar	502	4.30	
	Ansari Sufiyai	504		
43	Karan Singh	707	PLANTS THAT HAVE SUPER	
	Lavesh Dalvi	705	ABILITIES	
	Gawde pratiksha	510	4.00	
44	Khan Asma	717	Soil pH paper	Prof. Ms. Namrata
	Khan Uzma	720	4.00	
	Shivani srivastava	745		
45	Vidya More	523	Soil water holding capacity	
	Vinayak Manchekar	520	5.00	
46	Shabnam Khan	719	Turmeric medicinal botany	
	Afroza Khan	749		
	Katkar Dipti	514		

**Groups with Non- video slide presentations in Botanica 2021**

47	Arman gulzar hussain khan	716	Economic botany- cotton
	Aftab khan	744	
	Supriya Mishra	522	
48	Vaishnavi Gawade	509	Mushroom's role In Phyto remediation
	Madhulika Singh	541	
49	Neha Yadav	740	"Translocation in Plants"
	Kritarth Upadhyay	747	
50	Nandini Gupta	513	Microbes as genetic tools
	Namrata Nevgi	524	
51	Siddiqui Sadiya	540	Natural disease Resistance in plants -
	Siddiqui Gulam Yazdani	538	Mechanism
	Sathe Sakshi	725	
52	Ansari Sufiya	504	Carnivorous plants and its types
	Khan Ayesha	516	
	Khan Zeba	721	
53	Shabnam Khan	719	Microbes in dairy industry
	Afroza Khan	749	
	Amin Vaishnavi	501	
54	Anuj Yadav	553	The largest flower in the world (
	Rajkumar Yadav	555	Rafflesia)
	Mohammad SaifKhan	517	





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## Groups which did not present videos during Botanica 2021

12	ARMAN GULZAR HUSSAIN KHAN AFTAB KHAN	716 744	Economic botany- cotton
25	Vaishnavi Gawade Madhulika Singh	509 541	Mushroom's role In Phyto remediation
26	Neha Yadav Kritarth Upadhyay	740 747	"Translocation in Plants"
31	Nandini Gupta Namrata Nevgi	513 524	Microbes as genetic tools
38	Siddiqui Sadiya Siddiqui Gulam Yazdani	540 538	Natural disease Resistance in plants -Mechanism
43	Ansari Sufiya Khan Ayesha	504 516	Carnivorous plants and its types
48	Shabnam Khan Afroza Khan	719 749	Microbes in dairy industry
52	Anuj Yadav Rajkumar Yadav Mohammad SaifKhan	553 555 517	The largest flower in the world ( Rafflesia)

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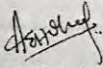
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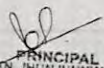
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
**SIDDHI VINAYAK PAWAR**

of S.Y.B.Sc – Botany Roll No 528 successfully participated in 'BOTANICA 2020-21'  
and exhibited the project titled Carbon Dating  
during online presentation conducted on 28<sup>th</sup> Jan, 2021.

  
Dr. Anil Avhad  
Botanica, In-charge

  
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In-charge Principal

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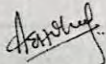


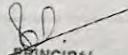
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
*Twinkle Udaychand Chaurasiya*

of S.Y.B.Sc – Botany Roll No 704 successfully participated in 'BOTANICA 2020-21'  
and exhibited the project titled Dissection of hibiscus flower  
during online presentation conducted on 28<sup>th</sup> Jan, 2021.

  
Dr. Anil Avhad  
Botanica, In-charge

  
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Dr. Himanshu Dawda  
In-charge Principal

Certificate ID: RJC-BOT-BOTANICA2021-0002



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