

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur**

**Department of Microbiology**

**Session 2022-2023**

**Organizes**

**Scientific Model Making Competition  
“Innovative ideas in Science for  
Societal Application”**

**Date: 28/02/2023**



**On the Occasion of 125<sup>th</sup> Birth Year Celebration of  
Dr. Panjabrao alias Bhausaheb Deshmukh,  
Centenary Year Celebration of R.T.M. Nagpur University  
& National Science Day**

**DEPARTMENT OF MICROBIOLOGY & BIOTECHNOLOGY,  
SCIENCE COLLEGE, NAGPUR**

*Organizes*

**Scientific Model Making Competition**

*On*

**Innovative Ideas in Science for Societal Application**

**Objectives:**

With the aim of promoting scientific acumen and equip the learners with 21<sup>st</sup> Century learning skills like critical thinking, communication, collaboration and creativity, a 'Scientific Model Making Competition' is organized for U.G. and P.G. students of Science discipline.

**Scientific Model:**

Working/ Non- working

**Registration:**

<https://forms.gle/LWGWodALmfzLFAnf9> (No Registration Fees)

**Entry Submission:**

25/02/2023 (Max. 02 participants/ group)

**Competition Date:**

28<sup>th</sup> February 2023

**Venue:**

Microbiology Department

**Reporting Time:**

9:30 AM

**Cash Prizes:**

1<sup>st</sup> Winner Rs. 750/-

2<sup>nd</sup> Winner Rs. 500/-

3<sup>rd</sup> Winner Rs. 250/-

**Certificate:**

All Participants

**Dr. Pranita Gulhane**  
Convener

**Prof. Atul Bobdey**  
Coordinator

**Prof. Mahendra Dhore**  
Chairman & Principal

**Organizing Committee**

Dr. Manpreet Kour

Ms. D. Deepthi Hynal

Dr. Priya Fuke

Ms. Madhuri Walvekar

Ms. Shivani Gohane

Ms. Sanchari Sarkar

Ms. Mayuri Bhad

Dr. Sapna Baghel



in: <https://chat.whatsapp.com/JxsIXCULgLVIMULXgN5GTH>



Contact: 9096039162

Website: <http://www.sscnagpur.ac.in>

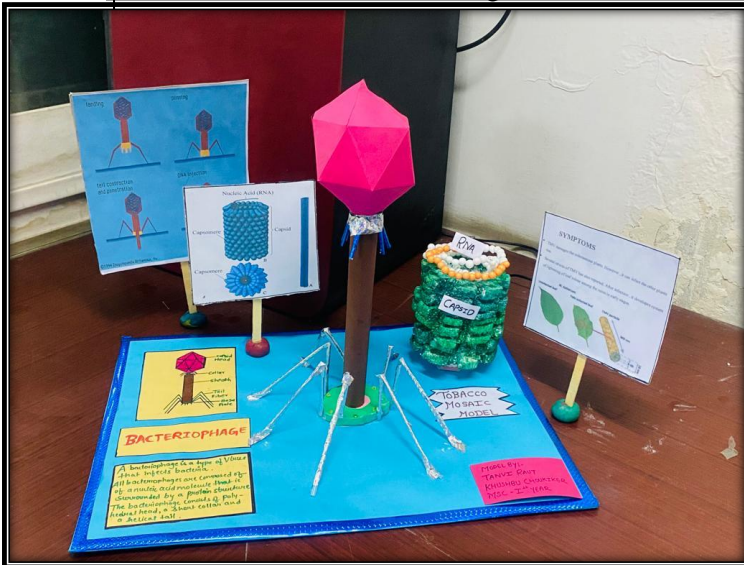
Scientific model making competition entitled “**Innovative ideas in Science for Societal Application**” on the occasion of 125<sup>th</sup> Birth Year Celebration of Dr. Panjabrao alias Bhausaheb Deshmukh, Centenary Year Celebration of R.T.M. Nagpur University & National Science Day was organized by Department of Microbiology and Biotechnology, S.S.E.S. A’s Science College, Nagpur **on 28<sup>th</sup> February, 2023**. Scientific Model making competition was conducted under the chairmanship of Hon’ble Prof. Mahendra Dhore, Principal, Science College, Nagpur, Coordinator- Respected Prof. Atul Bobdey and Convener- Dr. Pranita Gulhane. Dr. Prashant Maheshwary, Dean (Faculty of Science & Technology), R.T.M. Nagpur University, Nagpur graced the occasion. A total of 89 students comprising of 49 groups from UG Microbiology & Biotechnology as well as PG Microbiology of the college have participated the same and expressed the creativity in it.

Prof. Punita Tiwari and Dr. Shilpa Gedam judged the competition and selected three groups as winner from UG Biotechnology. The first prize (Wrukshani Doble and Madhur Patil from B.Sc II year, CMBT), Second prize (Reeta Bhawalkar and Krutika Ganthade B.Sc II year, CMBT) and Third prize (Maithili Thakare and Arpit Kambe B.Sc I year, CMBT), first consolation prize (Dipti Charde and Akshara Irkulwar from M.Sc Final Microbiology) and the second consolation prize (Sejal Bharne and Dipali Dudhe from M.Sc Final Chemistry).

**Action taken-** From the "Innovative Ideas in Science for Societal Application" competition, students learned how to translate scientific concepts into practical solutions, enhance their problem-solving and creativity, gain hands-on experience in model making, and understand the societal impact of scientific innovations.



Scientific Model Competition of Biotechnology Department on 28/02/2023 Topic Mini Biogas Plant



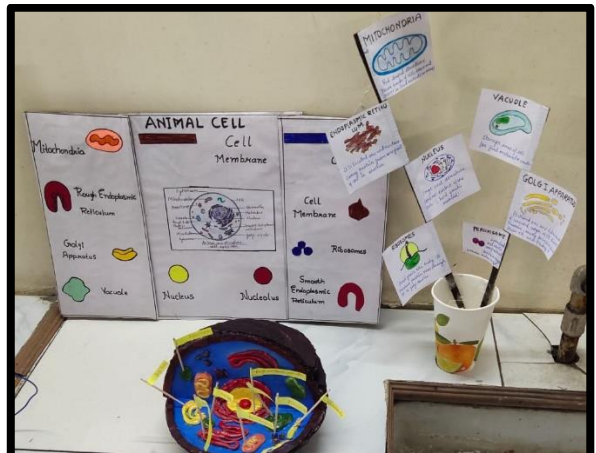
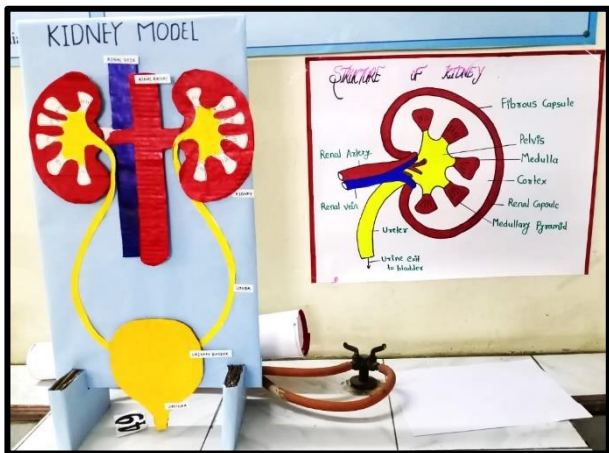
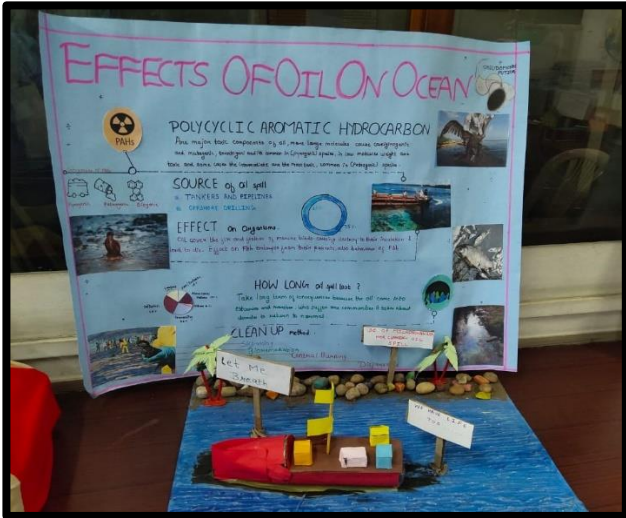
Scientific Model Competition of Biotechnology Department on 28/02/2023 Topic Tobacco Mosaic Model



Scientific Model Competition of Biotechnology Department on 28/02/2023 Topic Tobacco Mosaic Model







**S.S.E.S.A's Science College, Congress Nagar, Nagpur**  
**Department of Microbiology and Biotechnology**  
**Organizes**  
**Scientific Model Making Competition-2023**

**Evaluation Criteria**

Date: 28 /02/23

**Criteria for Evaluation:** Concept, Information & Presentation

**Rating of each Scientific model entry:** From 1 (Exceptional) through 9 (Poor)

Criterion Strength	Score	Descriptor
High	1	Exceptional
	2	Outstanding
	3	Excellent
Medium	4	Very Good
	5	Good
	6	Satisfactory
Low	7	Fair
	8	Marginal
	9	Poor

**Evaluation Sheet for Judges**

Team No.	Name of the Student	Class	Subject/Group	Evaluation Criteria Impact (1through 9)	Remarks
1)	✓ Prachi Purushottam Thakur	M.Sc I	Microbiology	} 08	
	✓ Nimmi Dilip Kumbhare	M.Sc I	M.Sc Microbiology		
2)	✓ Nikita Ingole	B.Sc I	CMBT	} 08	
	✓ Komal Sanjay Kamble	B.Sc I	CMBT		
3)	✓ Janhavi Narendra Burade	B.Sc II	CBM	ABSENT	
4)	✓ Pooja Gajanan Balapure	M.Sc II	Mathematics	09	



5)	✓ Vaishnavi Manohar Shende	M.Sc I	M.Sc Microbiology	} 07	
	✓ Vanshika Arun Gandhre	M.Sc I	M.Sc Microbiology		
6)	✓ Tanuja Sable	M.Sc II	M.Sc Microbiology	} 07	
	✓ Janhvi Rajkumar Zade	M.Sc II	M.Sc Microbiology		
7)	✓ Dipti Ajay Charde	M.Sc II	M.Sc Microbiology	} 04	} Consolation Prize Winner
	✓ Akshara Anantkumar Irkulwar	M.Sc II	M.Sc Microbiology		
8)	✓ Triveni Shantaram Pardhi	M.Sc II	M.Sc Microbiology	} 07	
	✓ Tanavi Wasudeorao Raut	M.Sc II	M.Sc Microbiology		
9)	Avanti Anirudha Zadgaonkar	B.Sc I	CBZ	ABSENT	
10)	Shreya Gunwant Kalambe	B.Sc I	CBZ	ABSENT	
11)	✓ Savita Bajrang Khandate	M.Sc II	M.Sc	} 07	
	✓ Hiteshi Rajendra Wadibhasme	M.Sc II	M.Sc Microbiology		
12)	✓ Afiya Mannan Sheikh	B.Sc II	CMBT	} 07	
	✓ Nidhi Yadav	B.Sc II	CMBT		
13)	✓ Harsha Poddar	M.Sc II	M.Sc Microbiology	} 06	
	✓ Mansi Brahmankar	M.Sc II	M.Sc Microbiology		
14)	✓ Sejal Mahendra Bharne	M.Sc I	M.Sc Chemistry	} 04	} Consolation Prize Winner
	✓ Dipali Narendra Dudhe	M.Sc I	M.Sc Chemistry		
15)	✓ Shraddha Pramod Tiwari	M.Sc II	M.Sc Microbiology	} ABSENT	
	Shudhanshu Gopal ✱	M.Sc II	M.Sc		

	Pandharey		Microbiology		
16)	✓ Khushbu Choukiker	M.Sc II	M.Sc	} 08	
	✓ Siddhi Uplenchwar	M.Sc II	M.Sc		
17)	Vaishnavi Ishwar Wairagade	M.Sc II	M.Sc.	ABSENT	
18)	✓ Sanika Dilip Raut	B.Sc I	CMBT	} 08	
	✓ Ishika Amrnath Pandey	B.Sc I	CMBT		
19)	✓ Parth Luche	B.Sc II	CMBT	} 07	
	✓ Priyanshu Prashant Badwaik	B.Sc II	CMBT		
20)	✓ Soniya Pradeep Sontakke	B.Sc II	CMBT	} 06	
	✓ Aaftab Syed	B.Sc II	CMBT		
21)	✓ Ambaleena Ambadas Dhoke	B.Sc II	CMBT	} 06	
	✓ Dhanshree Sharadrao Manjurkar	B.Sc II	CMBT		
22)	✓ Maithili Naresh Thakre	B.Sc I	CMBT	} 04	} 3 <sup>rd</sup> Winner Group
	✓ Arpit Kambe	B.Sc I	CMBT		
23)	✓ Prachi Prakash Raut.	B.Sc II	CMBT	} 06	
	✓ Himani Dadmal	B.Sc II	CMBT		
24)	✓ Sakshi Ravindra Sakhare	B.Sc II	CMBT	} 08	
	✓ Raghav Prasanna Mate	B.Sc II	CMBT		
25)	✓ Raunak Hiwarkar	B.Sc I	CMBT	} 07	
	✓ Hemad Ajay Bhoyar	B.Sc I	CMBT		
26)	✓ Madhur Vijay Patil	B.Sc II	CMBT	} 02	} 1 <sup>st</sup> Winner group
	✓ Wrukshani Vinod Doble	B.Sc II	CMBT		
27)	✓ Darshan Sudhakar Waghmare	B.Sc II	CMBT	} 08	
	✓ Sanjog Zararia	B.Sc II	CMBT		
28)	✓ Anusha Bhagat	B.Sc II	CMBT	} 07	
	✓ Shravane Rajeev Paranjape	B.Sc II	CMBT		
29)	✓ Shrawani Sarve	B.Sc II	CMBT	06	

	✓ Siddhant Belekar	B.Sc II	CMBT		
30)	✓ Reeta Bhawalkar	B.Sc II	CMBT	} 03	} 2 <sup>nd</sup> Winner Group
	✓ Krutika Anand Ganthade	B.Sc II	CMBT		
31)	✓ Kanika Yograj Ishwarkar	B.Sc I	CMBT	} 06	
	✓ Aasawari Prabhanjan Naikwade	B.Sc I	CMBT		
32)	✓ Priti Satendra Kumbhare	B.Sc II	CMBT	} 06	
	✓ Sonali Kamleshwar Raut	B.Sc II	CMBT		
33)	✓ Shrutika Umredkar	B.Sc II	CMBT	} 07	
34)	✓ Sejal Umesh Nilatkar	M.Sc I	M.Sc Microbiology	} 07	
	✓ Komal Nitin Nibrad	M.Sc I	M.Sc Microbiology		
35)	✓ Sushama Dulichand Lilhare	M.Sc I	M.Sc Microbiology	} 06	
	✓ Minal Rinait	M.Sc I	M.Sc Microbiology		
36)	✓ Kaniz Aju Sheikh	M.Sc I	M.Sc. Microbiology	} 07	
	✓ Diksha Shashikant Choube	M.Sc I	M.Sc Microbiology		
37)	✓ Janhavi Dharmendra Parbat	M.Sc I	M.Sc Microbiology	} 08	
	✓ Pratiksha Ravindra Teltumbade	M.Sc I	M.Sc Microbiology		
38)	✓ Jay Kailash Chirekar	B.Sc III	PCsM	} 06	
	✓ Vaibhav Gangadharji Kakde	B.Sc III	PCsM		
39)	✓ Shivani Ravindra Vikhar	M.Sc I	M.Sc Microbiology	} 08	
	✓ Akansha Vijayrao Meshram	M.Sc I	M.Sc Microbiology		
40)	Taniya Paliwal	B.Sc III	Geology	ABSENT	

41)	✓ Kshitij Gupta	B.Sc I	PCG	06	
42)	✓ Priya Rakesh Tiwari	B.Sc I	PCsM	} 05	
	✓ Mugdha Rajesh Dakhole		PCsM		
43)	✓ Yashika Pramod Bagde	B.Sc I	CMBT	} 07	
	✓ Alamera Afroz	B.Sc I	CMBT		
44)	✓ Saloni Girish Raut	B.Sc I	CMBT	} 07	
	✓ Mayur Y. Kadamdhad	B.Sc I	CMBT		
45)	✓ Vaishnavi Raju Nannaware	M.Sc I	M.Sc Microbiology	} 08	
	✓ Rutuja Rajan Meshram	M.Sc I	M. Sc Microbiology		
46)	✓ Asmita Amrut Wagh	M.Sc I	M.Sc Microbiology	} 08	
	✓ Ashwini Nandanwar	M.Sc I	M.Sc. Microbiology		
47)	✓ Harshal Dilip Upadhye	B.Sc I	CMBT	} 08	
	✓ Aryan Joshi	B.Sc I	CMBT		
48)	✓ Vaibhav Sunil Jaronde	M.Sc I	M.Sc Microbiology	} 08	
	✓ Himanshu Sanjay Godse	M.Sc I	M.Sc Microbiology		
49)	Dushant Borkar	B.Sc I	CMBT	ABSENT	

**Name of the Judges:**

1. Prof. Punita Tiwari

2. Dr. Shilpa Gedam

*Punita*  
28.02.2023  
**Dr. Pranita Gulhane**  
Convener

*Atul Bobdey*  
**Prof. Atul Bobdey**  
Co-ordinator

*Mahendra*  
28.2.23  
**Prof. Mahendra Dhore**  
Chairman & Principal

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**FEEDBACK FORM**

**Q.1) Overall Experience-** How would you rate your overall experience in the competition?

- a) Excellent
- b) Good
- c) Satisfactory

**Q.2)** How has this competition impacted your view on societal application of science?

- a) Positive
- b) Negative
- c) Neutral

**Q.3)** How would you rate the support and communication from the organizers?

- a) Excellent
- b) Good
- c) Satisfactory

**Q.4)** Did you receive constructive feedback on your model?

- a) Yes
- b) No

**Q.5)** Would you like to participate in such upcoming activities?

- a) Yes
- b) No

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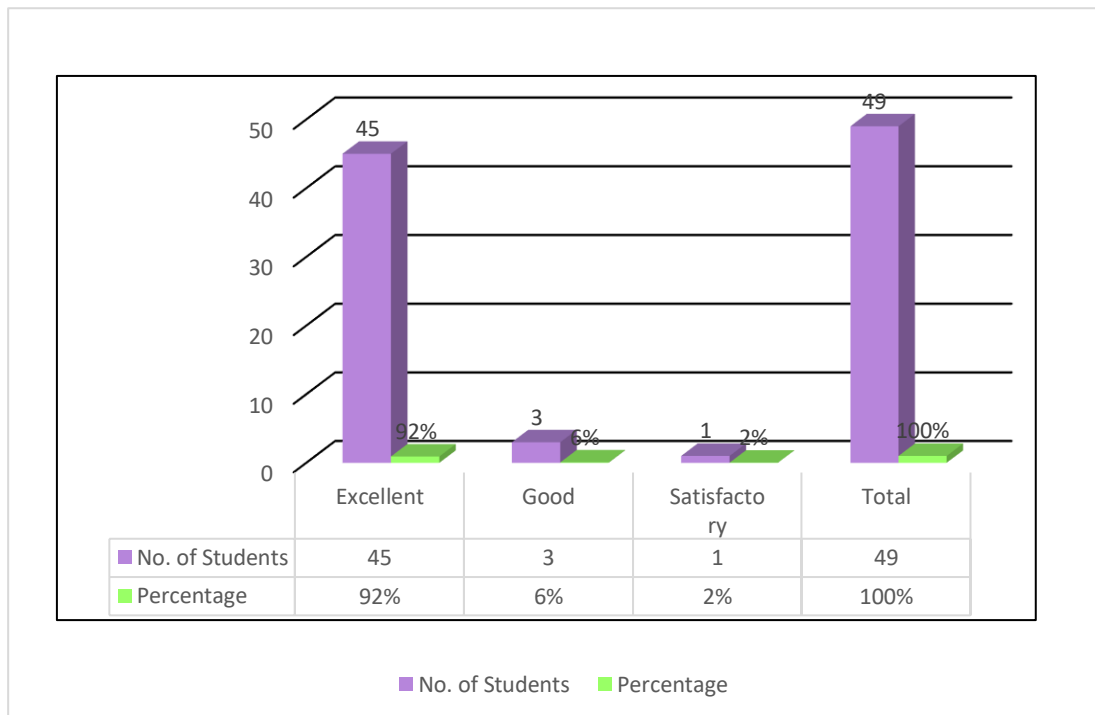
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**FEEDBACK RESPONSES**

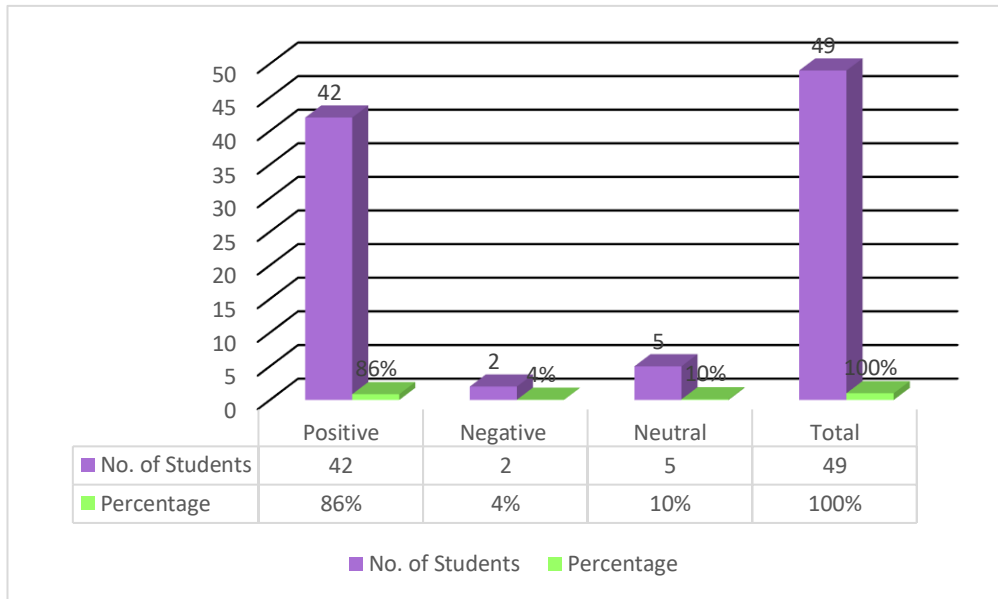
**1) Overall Experience**

49 responses



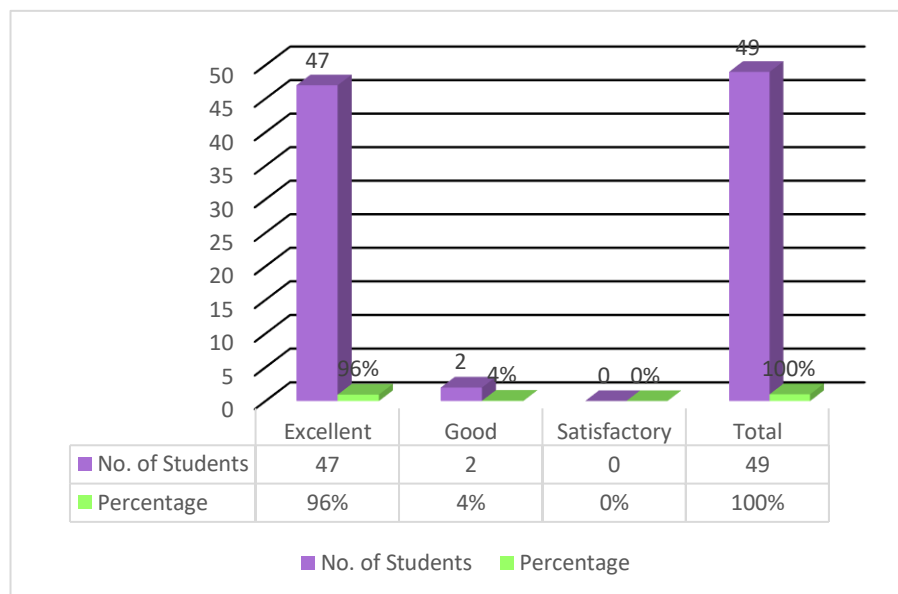
## 2) How has this competition impacted your view on societal application of science?

49 responses



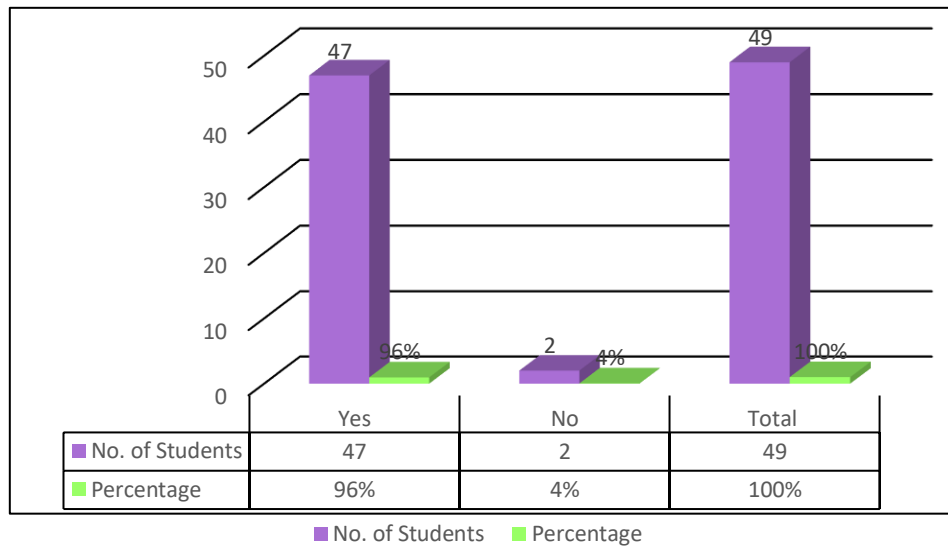
## 3) How would you rate the support and communication from the organizers?

61 responses



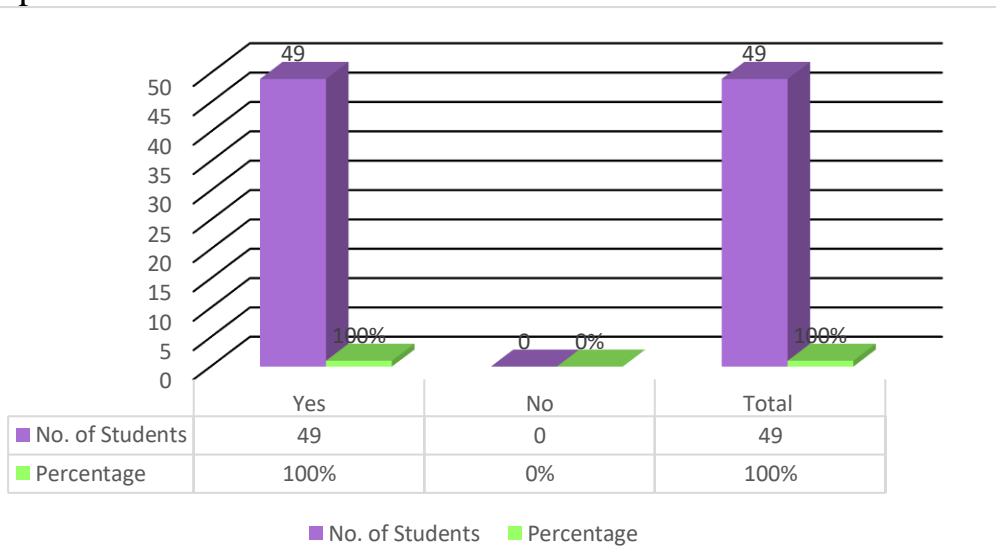
#### 4) Did you receive constructive feedback on your model?

49 responses



#### 5) Would you like to participate in such upcoming activities?

49 responses



**Dr. Pranita B Gulhane**