

**VIVEKANAND COLLEGE, KOLHAPUR.**  
**(EMPOWERED AUTONOMOUS INSTITUTE)**

**BIOTECHNOLOGY OPTIONAL 2024-25**

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"Education for Knowledge, Science and Culture"  
-Shikshamharshi Dr. Bapuji Salunkhe  
**VIVEKANAND COLLEGE, KOLHAPUR**  
(EMPOWERED AUTONOMOUS INSTITUTE)  
**INTERNAL QUALITY ASSURANCE CELL**  
2025-26



**Criteria V- Activities Report**

1. **Name of Department:-** Biotechnology-Optional
2. **Name of Organized Activity:-** Event of "Biotechnology Day "
3. **Date/ Duration:-** 28/04/2025 to 29/04/2025 Time:10Am to 5 Pm
4. **Aims and Objectives:-** 1. To promote the understanding and applications of biotechnology. 2. To explore the students towards various fields of Biotechnology. 3. To explore basic and applied research . 4. To boost the confidence of students & help them to foster collaboration among students ,institutions and organizations both nationally and internationally .
5. **No. of beneficiaries:-** 86 Students & 4 Staff Members
6. **Expenditure & funding agency:-** Nil
6. **Brief description:-**  
The participants are students of B.Sc.I,II,III Biotechnology, Microbiology, Zoology,. They participated in various Competitions like Quiz,Extempore,Poster,Model Debate. They Explore the knowledge by participating such events.
7. **Outcomes:-**  
This Event helps students in:
  1. Acquiring knowledge about Research areas of Biotechnology.
  2. Encouraging competitive tendency.
  3. Exploring to emerging field of Research.



Department: Biotechnology ( Optional )

Vivekanand College Kolhapur

(Empowered Autonomous Institute )

Date: 25/01/2025

To,

The Principal ,

Vivekanand College Kolhapur

(Empowered Autonomous Institute)

**Subject: Regarding the permission for Biotechnology day on 28<sup>th</sup> and 29<sup>th</sup> January at Smrutibhavan**

Respected Sir,

As per it is a part of academics on **28 and 29 th January 2025** there will be **Biotechnology day** is organized for students, different competitions are organized on occasion of the Biotechnology Day. All competitions will be conducted at **Smrutibhavan** . We are requested to give a permission for the same.

Please grant us the permission for the same.

Thanking You,

4-2-2025  
Allowed  
25/1/2025



Yours Faithfully

A handwritten signature in blue ink, appearing to read "S. B. Mulla".

( Dr. S.B.Mulla )

**HEAD**

**DEPARTMENT OF BIOTECHNOLOGY (OPTIONAL)**  
**VIVEKANAND COLLEGE, KOLHAPUR**  
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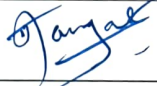


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Vivekanand College, Kolhapur (An Empowered Autonomous Institute)  
Department of Biotechnology Optional

## NOTICE

25/01/25

In our department of Biotechnology optional there is a celebration of Biotech Day. Different competitions are organised by department for all the students. So, the students from **B.Sc I, II, III Biotechnology (Optional)** will be compulsory attain it on 28-29/01/2025, two days as part of organisation and academics.

So, it is requested to all head of departments of following subject, please allow for the same.

Name of subject	Head of Department	Signature
English	Dr. K.D. Tiwade	
Botany	Dr. B.T. Dangat	
Chemistry	Dr. S.D. Shirke	
Zoology	Dr. G.K. Sontakke	



  
Head of Department

**HEAD**  
DEPARTMENT OF BIOTECHNOLOGY (OPTIONAL)  
VIVEKANAND COLLEGE, KOLHAPUR  
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DAY - 1

# BIO-FUSION 2025

## EVENTS

BY DEPARTMENT  
OF BIOTECHNOLOGY  
(Optional)

DATE - 28 Jan

### DEBATE COMPETITION

**Topic :** Related to ongoing trends

**Time :** 02:30-04:00 pm

**Participates :** Group of four members

**Contact :** 9370121321

### QUIZ COMPETITION

**Topic :** Life Science

**Time :** 04:00-05:00 pm

**Participates :** Three

**Contact :** 9370121321



### EXTEMPORE COMPETITION

**Topic :** General Science

**Time :** 12:30-01:30 pm

**Participates :** Only one

**Contact :** 9518537204

### MODEL COMPETITION

**Time :** 11:30-12:30 pm

**Topic :** 1. Biopharmaceutical

**Contact :** 9588455233

2. Synthetic biology



### POSTER COMPETITION

**Topic :** 1. Emerging trends in biotechnology

2. Bio agriculture

**Time :** 11:30-12:30 pm

3. Marine Biotechnology

**Participates :** 2 members

**Contact :** 9588455233



# BIO-FUSION 2025

## RULES AND CONDITIONS

### Poster Competition

1. Only two participants are allowed in each team
2. One participant is also allowed

Contact for registration -  
9588455233 ( Ziya Pendhari )

### Model Competition

1. Maximum two participants are allowed in each team
2. Single participant is also allowed
3. The model should be made of provided topic only

Contact for registration -  
7709485012 ( Abhishek More )

### Quiz Competition

1. Only three participants are allowed in each team
- Questions will be asked on  
life science

Contact for registration -  
9370121321 ( Amruta Rawool )

### Extempore Competition

1. Topics will be given on spot
2. 30 seconds will be given for preparation
3. Time limit will be of 2 minutes

Contact for registration -  
9518537204 ( Niharika Sonawane )

**Last day of entry - 26 Jan**

### Debate Competition

Contact : 9370121321

1. Maximum 4 members will be there in each team
2. Topics will be given on the spot

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**Department of Biotechnology Optional**

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**28/1/2025**

**PROGRAMME SHEDULE**

Inauguration and  
Welcome 10.15 am

Chief Guest 1.Dr. R.R. Kumbhar  
Principal Vivekanand  
College.

2. Mr. S.P. Thorat  
Vice-Principal  
Vivekanand College

Felicitation of  
Chief guest by Dr, S.B. Mulla

Vote of thanks Ms. Neeta Patil









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### MARKIST OF POSTER COMPETION

2



③

**Signature**

Callie



















## BIOTECHNOLOGY OPTIONAL

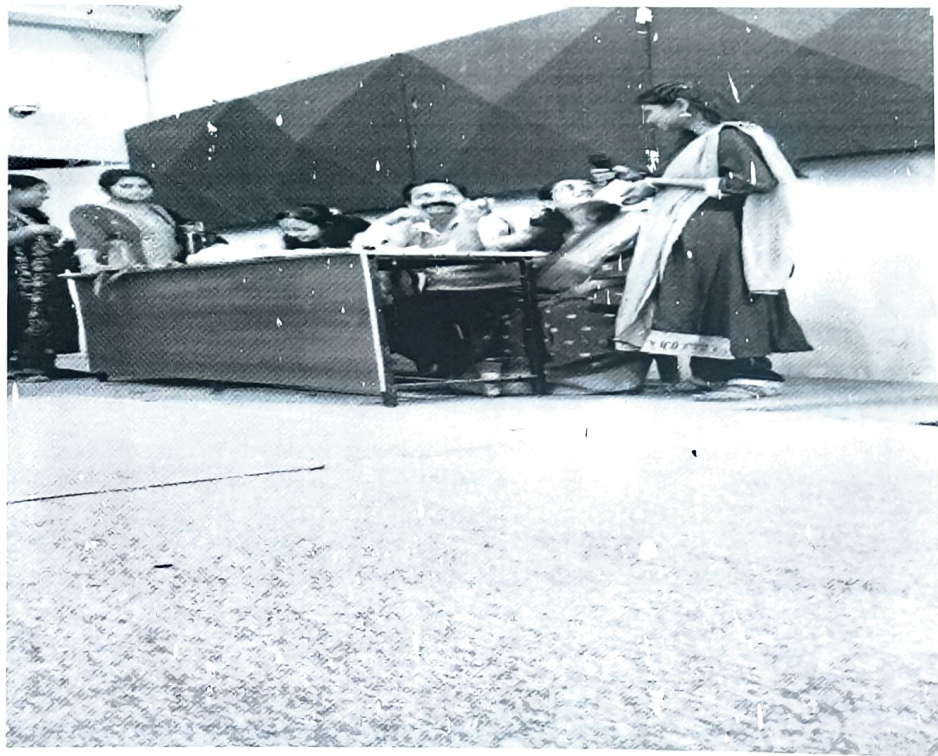
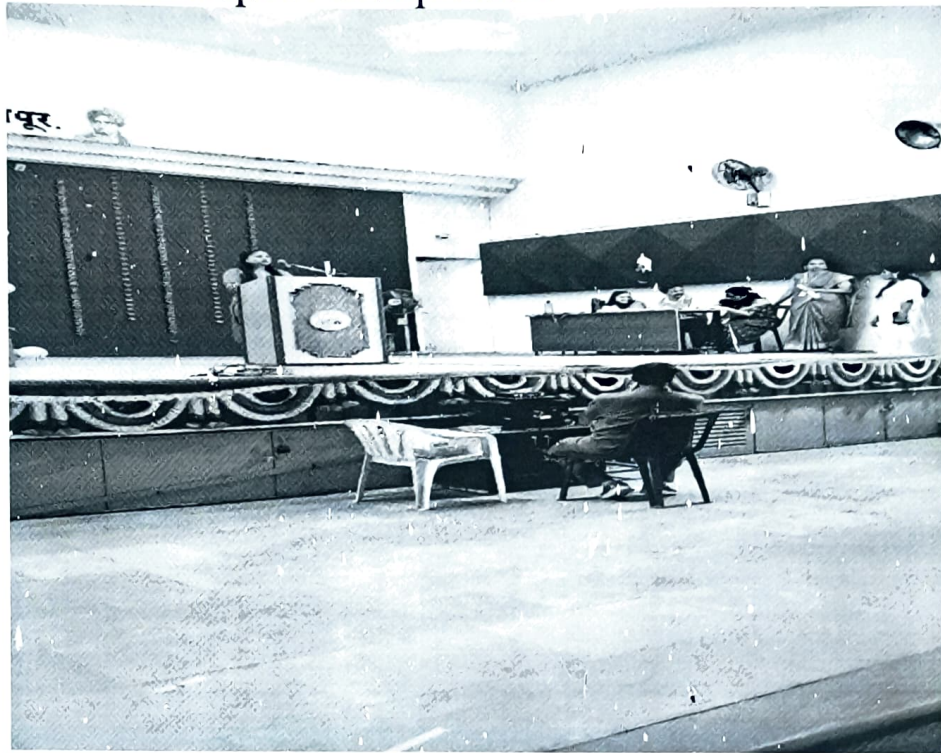
20 Marks

S.N.	Name of participant	Presentation	Remark
1.	Chavi Yadav	17	Very nice
2.	Shreshthi Patil	10	
3.	Mariya Ichalkar	11	
4.	Samrudhi Patil	12	
5.	Usha Kumbhar	—	
6.	Sanika Melde	05	
7.	Aditi Patil	09	
8.	Madalsa	—	
9.	Bhakti Shinde	07	
10.	Sakshi Patil	13	
12.	Annapal Kumbhar	10	
13.	Neeta Patil	15	good
14.	Rutuja Mandekar	14	good
15.	Gayatri Awate	13	
16.	Priyanka	—	
17.	Shripad Jadhav	14	
18.	Ziya Pendharkar	16	
19.	Prajwal Jadhav	—	

Dr. M. P. Mane

*[Signature]*

## Extempore Competition








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BIOTECHNOLOGY OPTIONAL

**MARKIST OF DEBATE COMPETION**

Team	Name of participant	Marks	5	5	5	5	total
1.	Chhavi Yadav. Stuti Kamble. Susnani Patil Shrushti Patil (GMO) Against	03	03	02	03		= 11
2.	Gayatri Awate Sakshi Mithari Tanuja Salunkar. Deepati Lathkar. (GMO) For	03	04	03	02		= 12
3.	Sheepad Jadhav. Amruta Rawool Abishek More. (AI) Ziya Kendari Against	04	03	03	03		= 13
4.	Pratishtha Jadhav Sandhya Bhagat Shradha Senkal Pooja Kulkarni. (AI) For	02	03	02	03		= 10

Name of Examiner I → Mr ASHUTOSH . L. UPADHYE

Signature → 

Explanation - 5 marks Language; 5 marks Confidence - 5 marks  
Presentation - 5 marks



## BIOTECHNOLOGY OPTIONAL

Team	Name of participant	Marks			
Team I-	1) Chhavi Yadav	04	04	05	054
	2) Stuthi Kamble	04	03	04	04
	3) Suhani Patil	04	03	03	04
	4) Shrutti Patil	03	03	02	02
	1) Gayatri Awale	03	03	04	04
	2) Sakshi Mithani	02	03	03	03
	3) Tanuja Salunkhe	02	03	03	03
	4) Dipi Lakhe	02	03	03	03
	1) Shripad Jadhao	04	04	05	05
	2) Anurag Rawool	04	04	04	04
	3) Abhishek More	03	03	03	02
	4) Ziya Pendharni	04	04	04	04
	1) Pradiksha Jadhao	02	02	01	02
	2) Sadhya Bharat	02	03	02	02
	3) Shradha Sankpal	02	02	02	02
	4) Nulha Kulkarni	04	04	04	04

Signature → Gader

5                      5                      5                      5

explanation      languages      confidence.      presentation

VIVEKANAND COLLEGE, KOLHAPUR.

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BIOTECHNOLOGY OPTIONAL

ATTANDANCE OF QUIZ COMPETION

Team	Name of participant	Class	Signature
①	Rucha <sup>Radhes</sup> Kulkarni Shraddha		
①	Rucha Radhesh Kulkarni Shraddha Surendra Sankpal Pratiksha Varant Jadhav	B.Sc Biotech (SY) (Ent) B.Sc Biotech (sr) (Ent) B.Sc. Biotech II (Entire)	<del>Radhes</del> <del>Sankpal</del> Radhar
②	Samiksha Chandrakant Sawant Sanmati Rajabhai Navghane Yashovardham Kawathekar	BSc. Biotech entire T.Y. BSC Biotech (entire) TY. BSC Biotech (entire) (TY)	<del>Samiksha</del> Navghane <del>Yashovardham</del>
③	Anushka Arvind Nikam Riya Surendra Yadav Jyoti Deepak Yadav	B.Sc Biotech II B.Sc Biotech II B.Sc Biotech II (Entire)	<del>Anushka</del> <del>Riya</del> Jyoti
④	Prathamesh Chandrashekar Swami Viraj Uttam Talwar Yogini Ananda Chougale	BSC Biotech - I BSC Biotech - I BSC Biotech - I	<del>Prathamesh</del> Talwar Chougale
⑤	Alfiya Jafar sadik Attar Sandhya Chandrakant Bagat Praneetha Rajaram Chougale	BSC. Biotech - I BSC Biotech II BSC Biotech - I	<del>Alfiya</del> Bagat Praneetha
⑥	Chaitrali Yuvraj Patil Mokshada B. Kamble Shruti Amit Dhabale	B.Sc. Biotech - I BSC. Biotech - I BSC Biotech - I	<del>Chaitrali</del> MKB Dhabale
⑦	Bhakti Bhagavat Shinde Sakshi Prakash Patil Amrapali Yashwant Kamble	B.Sc Biotech - II — —	<del>Bhakti</del> Patil Kamble
⑧	Ammeta Subhash Rawool Ziya M. Shafik Pendhoni Shreepad Baban Jadhav	B.Sc. II (Bio op) — —	<del>Ammeta</del> <del>Ziya</del> <del>Shreepad</del>
⑨	Tanuja Bajirao Salokhe Dipti Vishwas Lathre Gayatri Anil. Awarate	BSC III (stat) B. (A) - III B. Sc. III (optional) Biotech	<del>Tanuja</del> Lathre Awarate

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**BIOTECHNOLOGY OPTIONAL**  
**MAKLIST OF QUIZ COMPETION**

Team	Final rounds	A	B	C	D
1	General round (10 marks 5 question)	5 -	- 0	5+5	5 -
2	Rapid-fire round True and false (10 question 10 marks)	- + + + = 15	- + + + = 15	- + + + = 15	+ - + + = 10
3	Negative marking Visual round Transferable round Correct answer -20M Wrong answer -10M	20	15	25	15
	Total				+5 20 <hr/> 40
		3 <sup>rd</sup>	Consolator	2 <sup>nd</sup>	1 <sup>st</sup>

Name of examiner-

Signature

Team A → 1) Chhavi Yadav - FY  
 2) Suhani Patil - SY  
 3) Seishti Patil

Team B → 1) Ziya Pendhaki  
 2) Seipad Tadhar  
 3) Amruta Rawool

Team C → 1) Jyoti Yadav  
 2) Anushka Nikam  
 3) Riya Yadav

Team D → 1) Sanmati Naughane  
 2) Samiksha Sawant  
 3) Yashvardhan Kavathekar

# **Department of Biotechnology**

## **Quiz Competition**

### **Screening Test**

**2024-25**

Q.1 What is Green Revolution?

Q.2 Apart from earth, \_\_\_\_\_ planet also has ozone layer at altitude of 100km above its surface.

Q.3 What is the range of light absorbed by Chlorophyll pigments?

Q.4 Why GM food is banned in India?

Q.5 In pond Ecosystem who performs role of primary producers?

Q.6 What is the use of Human Genome Project?

Q.7 Which technique is used to sterilize milk?

Q.8 Give significance of Apomixis.

Q.9 Give role of protein synthesis in living organisms.

Q.10 What are the species used by silk industries?



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**BIOTECHNOLOGY OPTIONAL**  
**MAKLIST OF QUIZ COMPETION**

Team	Final rounds	A	B	C	D
1	General round (10 marks 5 question) 1 each. (5/5)	5 -	- 0	5+5	5 -
2	Rapid-fire round True and false (10 question 10 marks) 4x25=20 5m	-555	-555	-555	--55
3	Negative marking Visual round Transferable round Correct answer -20M Wrong answer-10M	(20)	(15)	(25)	(15)
	Total	20	15	25	40
		III rd	(cons)	II nd	I st

Name of examiner- (Mr. S. G. Kulkarni)

Signature

Team-A -	Charvi Yadav I st (opt)	Suhani Patil II 2co	Saachi Patil I (opt)
B -	Jiya A (opt)	Shruti Pad II (opt)	Amruta II (opt)
C -	Jyoti Yadav II nd (E)	Anushka Nikam III nd (E)	Riya Yadav III nd (E)
D -	Samir Keshu III rd (E)	Sannati II nd (E)	Yasho III rd (E)





QUIZ GENERAL ROUND 2024-25

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**Department of Biotechnology Optional**

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**29/1/2025**

**PROGRAMME SHEDULE**

**Guest lecture on**

**Scope of Biotechnology in government sector**

**Inauguration and  
Welcome**                      **11.15 am**

**Resource Person**                      **Ms. Dipali A. Malvekar**  
**Head of Department**  
**Zoology**  
**Rajarshi Chhatrapati**  
**Shahu College,**  
**Kolhapur**

**Introduction of  
Guest**                      **Ms. D.A.Wajantri**

**Vote of thanks**                      **Ms. K.V. Kadam**



कोल्हापूर  
१९६४

# Biofusion 2025 Day 2

29/1/2025

Shri Swami Vivekanand Shikshan Sanstha's

VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)

**INTRODUCTION Time:-11.00 am**

**Guest lecture Time:-11.30 am**



**prize Distribution Time:-1.00 to 2.00 pm**



**vote of Thanks ✨**

**Lunch Break Time:-1.00 to 2.30 pm**

**Games Time:-3.00 to 4.00 pm**

**Dance:-4.00 to 5.30 pm**











*S.B.M.*  
 Dr. S. B. Mulla  
 (Activity  
 Co-ordinator)

*S.B.M.*  
 Dr. S. B. Mulla  
**HEAD**  
 DEPARTMENT OF BIOTECHNOLOGY (OPTIONAL)  
 VIVEKANAND COLLEGE, KOLHAPUR  
 (An Empowered Autonomous Institute)

*R.R.K.*  
 Dr. R. R. Kumbhar  
**Principal**  
 Vivekanand College, Kolhapur  
 (An Empowered Autonomous Institute)