BACKWARD CLASS YOUTH RELIEF COMMITTEE'S

BHIWAPUR MAHAVIDYALAYA

BHIWAPUR DIST. NAGPUR- 441201
RE-ACCREDITED WITH GRADE 'B+' (CGPA-2.65) BY NAAC, BENGALURU
ISO-9001:2015
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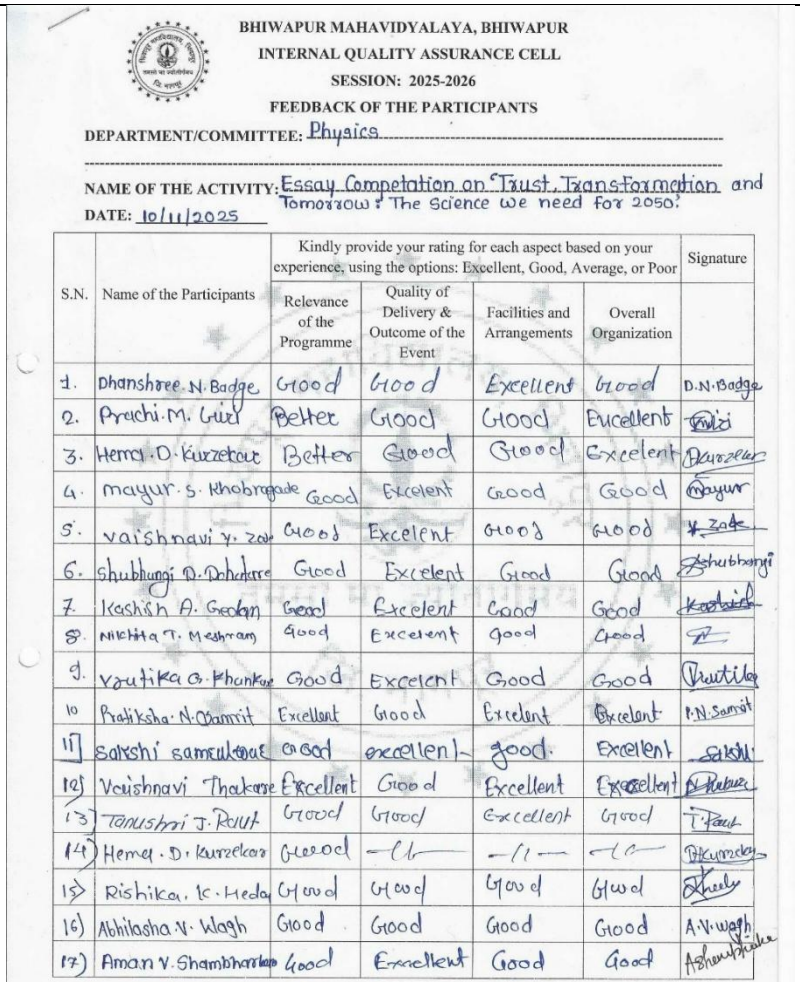
DETAILED ACTIVITY REPORT
2025-2026

ACADEMIC SESSION	2025-2026
NAME OF THE ACTIVITY	Essay Competition on the occasion of World Science Day-2025
ORGANIZING INSTITUTION/COLLABORATING INSTITUTIONS	Bhiwapur Mahavidyalaya
CORE AREAS COVERED	• Scientific awareness • Science, Technology and Innovation for sustainable development • Future challenges and opportunities in Science and Technology by 2050 • Responsible and ethical use of Science and Technology • Critical thinking, creativity and effective written communication • Role of Science in addressing global and societal challenges
SCHEDULE	10th November, 2025
VENUE	Department of Physics
MODE OF ACTIVITY (ONLINE/OFFLINE)	Offline
ORGANIZING COMMITTEE	Subject Literary Association of Physics
CHIEF COORDINATOR	Lt Dr. Yogesh More
COMMITTEE MEMBERS	Asst. Prof. Asha Lanje, Asst. Prof. Ratnadeep Ganvir and Members of the Subject Literary Association

Name	Class	Designation
Priya Dewadkar	B.Sc. III	President
Tannu Meshram	B.Sc. III	Vice-President
Akansha Warthi	B.Sc. III	Secretary
Sakshi Samrutwar	B.Sc. III	Treasurer
Prachi Giri	B.Sc. II (Physics)	Member
Sneha Jivtode	B.Sc. II (Botany)	Member

	Faizeenanaz Sheikh	B.Sc. II (Zoology)	Member
	Abhilasha Wagh	B.Sc. II (Mathematics)	Member
	Sukeshini Shambharkar	B.Sc. II (Chemistry)	Member
	Rutika Khankhure	B.Sc. I (Physics)	Member
	Apurva Khobragade	B.Sc. I (Botany)	Member
	Sanjana Madavi	B.Sc. I (Zoology)	Member
	Ishita Gondane	B.Sc. I (Mathematics)	Member
	Saloni Hedau	B.Sc. I (Chemistry)	Member
BENEFICIARIES/TARGET GROUP	Entire Students of the College		
NUMBER OF STUDENTS/BENEFICIARIES	20		
DETAILED REPORT OF THE ACTIVITY	On the occasion of World Science Day-2025, the Subject Literary Association of Physics organized an 'Essay Competition' on 10thNovember, 2025. The Competition was aimed to encourage students to develop scientific thinking, creativity, critical analysis, and awareness about the role of Science and Technology in shaping a sustainable and progressive future. The theme of the Essay Competition was "Trust, Transformation and Tomorrow: The Science We Need for 2050". The topic provided an opportunity for students to reflect on the importance of scientific knowledge, innovation, responsible use of technology, and the need to build a sustainable and inclusive future by the year 2050. A total of 20 students enthusiastically participated in the Essay Competition and expressed their ideas and perspectives on emerging scientific challenges and the transformative role of Science in the society. The participation of students reflected their keen interest in scientific developments and their awareness of the challenges and opportunities that Science and technology may bring in the future. The Event was co-ordinated by Asst Prof. Lt. Dr. Yogesh More, Head, Department of Physics. The initiative was highly appreciated and encouraged by Dr. Jobi George, the Principal, of our College, who motivated the students to actively participate in the academic and co-curricular activities related to Science and scientific awareness. The successful organization of the Competition was made possible through the dedicated efforts of Asst. Prof. Asha Lanje and Asst. Prof. Ratnadeep Ganvir, who contributed to the planning,		

	coordination, and smooth conduct of the Event. The Competition provided students with a meaningful platform to articulate their thoughts on the future of Science and its role in addressing global challenges. It helped promote Scientific Temper, Creativity, Critical Thinking, and Responsible Scientific Awareness among students. The Event concluded successfully with appreciation for the enthusiastic participation of 20 students and the collective efforts of the faculty members involved in organizing the Programme.
PROGRAMME OBJECTIVES	• To encourage students to develop a scientific outlook and cultivate scientific temper. • To provide students with a platform to express their ideas and perspectives on the future of Science. • To promote Critical Thinking, Creativity and Analytical Skills among students. • To create awareness about the role of Science and Technology in achieving Sustainable Development. • To encourage students to reflect on the theme "Trust, Transformation and Tomorrow: The Science We Need for 2050." • To motivate students to understand the importance of responsible and ethical Scientific Innovation.
PROBLEMS FACED, IF ANY	**Challenges:** • **Limited time for planning and execution:** Since the Competition had to be organized within the academic schedule, timely planning was essential. The Organizing Committee divided responsibilities among faculty members and prepared the necessary arrangements in advance. • **Motivating students to participate:** Encouraging students to participate in an Essay Competition on a futuristic scientific theme was initially a challenge. The faculty highlighted the relevance of the topic and its connection with current scientific and technological developments, which encouraged 20 students to participate enthusiastically. • **Maintaining scientific relevance and originality:** Ensuring that essays reflected scientific thinking, creativity, and

	critical analysis, was important. Students were encouraged to present original ideas supported by logical reasoning and scientific awareness.
IMPACT/OUTCOME ACHIEVED	• Encouraged students to develop a scientific outlook and cultivate scientific temper. • Provided students with a platform to express their ideas and perspectives on the future of Science. • Promoted Critical Thinking, Creativity and Analytical Skills among students. • Created awareness about the role of Science and Technology in achieving Sustainable Development. • Encouraged students to reflect on the theme "Trust, Transformation and Tomorrow: The Science We Need for 2050." • Motivated students to understand the importance of responsible and ethical Scientific Innovation.
ANALYSIS REPORT OF THE FEEDBACK OBTAINED FROM STUDENTS/ BENEFICIARIES/ ACADEMIC PEERS ETC.	

BHIWAPUR MAHAVIDYALAYA, BHIWAPUR
INTERNAL QUALITY ASSURANCE CELL
SESSION: 2025-2026
FEEDBACK OF THE PARTICIPANTS

DEPARTMENT/COMMITTEE: Physics

NAME OF THE ACTIVITY: Essay Competation on 'Trust, Transformation and Tomorrow: The Science we need for 2050.'

DATE: 10/11/2025

S.N.	Name of the Participants	Kindly provide your rating for each aspect based on your experience, using the options: Excellent, Good, Average, or Poor				Signature
		Relevance of the Programme	Quality of Delivery & Outcome of the Event	Facilities and Arrangements	Overall Organization	
1.	Dhanshree N. Badge	Good	Good	Excellent	Good	D.N.Badge
2.	Prachi M. Giri	Better	Good	Good	Excellent	
3.	Hemraj D. Kurzekar	Better	Good	Good	Excellent	
4.	mayur S. Khobragade	Good	Excelent	Good	Good	
5.	vaishnavi v. zade	Good	Excelent	Good	Good	
6.	Shubhangi D. Dahekare	Good	Excelent	Good	Good	
7.	Kashish A. Gedam	Good	Excelent	Good	Good	
8.	Nikhita T. Meshram	Good	Excelent	Good	Good	
9.	Vrutika G. Thanker	Good	Excelent	Good	Good	
10	Pratiksha N. Samrit	Excellent	Good	Excelent	Excelent	P.N.Samrit
11	Sakshi samerkar	Good	excellent	good	Excellent	
12	Vaishnavi Thakare	Excellent	Good	Excellent	Excellent	
13	Tanushri J. Raut	Good	Good	Excellent	Good	
14	Hemraj D. Kurzekar	Good	-11-	-11-	-11-	
15	Rishika. K. Heda	Good	Good	Good	Good	
16	Abhilasha V. Wagh	Good	Good	Good	Good	A.V.wagh
17	Aman V. Shambharkar	Good	Excellent	Good	Good	

BHIWAPUR MAHAVIDYALAYA, BHIWAPUR
INTERNAL QUALITY ASSURANCE CELL
SESSION: 2025-2026
FEEDBACK OF THE PARTICIPANTS

DEPARTMENT/COMMITTEE: Physics

NAME OF THE ACTIVITY: Essay Competition on 'Trust, Transformation and Tomorrow : The Science we need for 2050.'

DATE: 10/11/2025

S.N.	Name of the Participants	Kindly provide your rating for each aspect based on your experience, using the options: Excellent, Good, Average, or Poor				Signature
		Relevance of the Programme	Quality of Delivery & Outcome of the Event	Facilities and Arrangements	Overall Organization	
18)	Vedanshi Titarmare	Excellent	Excellent	Good	Good	Ved
19)	Disha S. Devhare	Excellent	Excellent	Good	Good	Dev
20)	Prachi A. Shendre	Good	Good	Good	Good	P Shendre

Feedback from the participants

GEOTAG PHOTO GALLERY WITH CAPTIONS



Students engaged in the Essay Competition



Students engaged in the Essay Competition

Name :- Disha Someshwar Deshmane
Class :- 2nd year (3rd sem) 2025-26

Trust Transformation and Tomorrow: The Science We Need for 2050:

Science plays a vital role in shaping human civilization. From improving health and agriculture to advancing communication and transportation, science has transformed the way people live. In the modern world, humanity faces serious challenge such as climate change, global warming, pandemics, energy crisis, population growth and environmental degradation. To overcome these challenges, society needs science that is based on trust, brings positive transformation and prepares us for a better tomorrow. Hence, the theme "Trust, Transformation and Tomorrow: The Science We Need for 2050" highlights the importance of responsible and future-oriented scientific development.

Trust is the foundation of scientific progress. People must believe that scientific research is truthful, ethical and conducted for the welfare of humanity. In recent research is truthful, ethical and conducted for the welfare of humanity. In recent times, the spread of misinformation, fake news and pseudoscience has reduced public confidence in scientific institution

Events like the COVID-19 pandemic clearly showed that trust in science is essential for public health, safety and policy-making. When people trust scientific advice, they follow health guidelines, accept new technologies and support environmental protection measures.

To build trust, scientists must work with honesty and transparency. Research should be evidence-based, peer-reviewed and free from political or commercial pressure. Science communication should be simple so that common people can understand scientific findings. Ethical values such as responsibility, accountability and respect for life must guide all scientific activities.

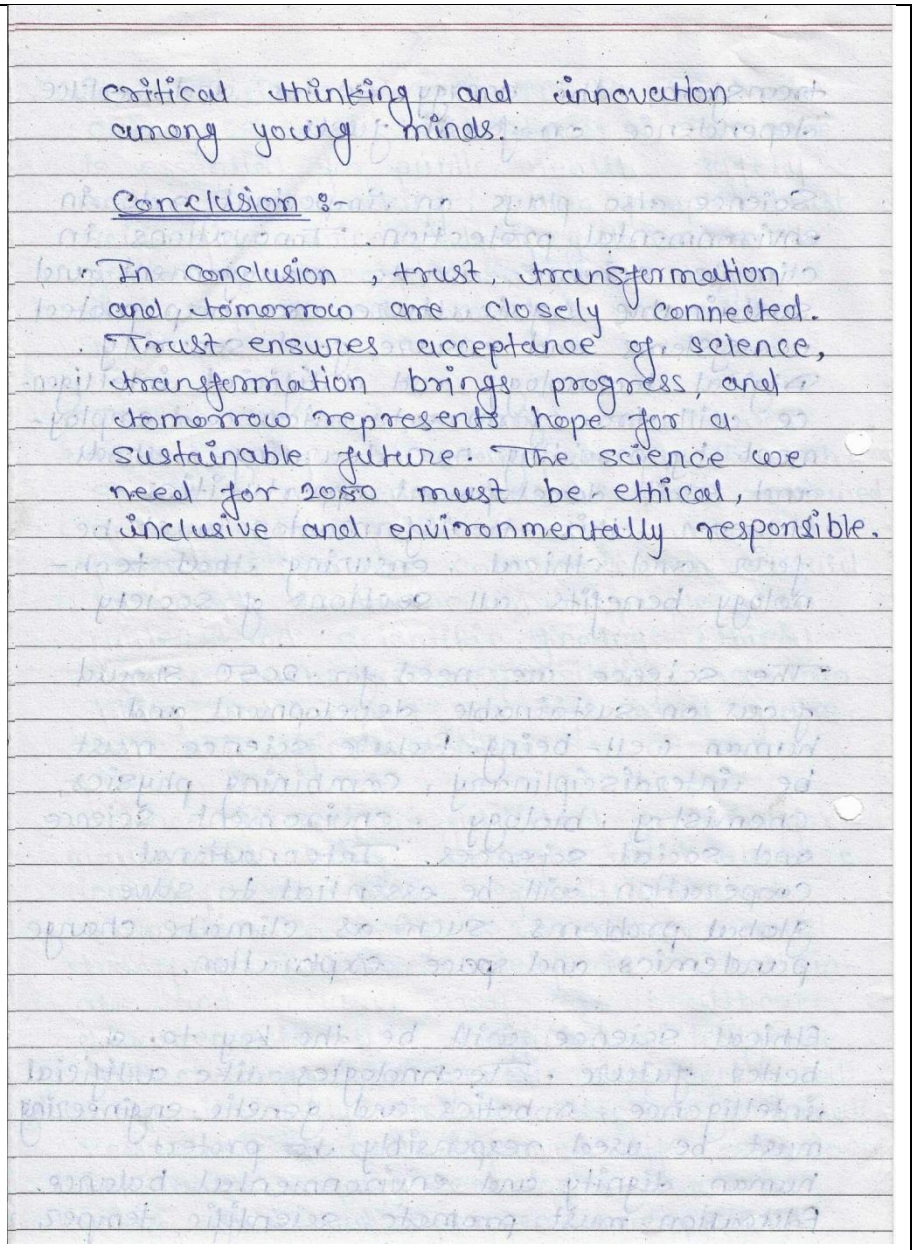
Science is a powerful tool for transformation. It brings changes in healthcare, industry, education, agriculture and communication. By 2050, science must transform human society in a sustainable and inclusive way. In healthcare, advancements like artificial intelligence, biotechnology and genetic engineering will help in early disease detection, personalized medicine and improved life expectancy. Renewable energy technologies such as solar, wind and hydrogen energy will

transform the energy sector and reduce dependence on fossil fuels.

Science also plays an important role in environmental protection. Innovations in climate science, waste management and sustainable agriculture can help protect ecosystems and ensure food security. Digital technology and artificial intelligence will transform education and employment by providing new learning methods and skill development opportunities. However, this transformation must be fair and ethical, ensuring that technology benefits all sections of society.

The science we need for 2050 should focus on sustainable development and human well-being. Future science must be interdisciplinary, combining physics, chemistry, biology, environment science and social sciences. International cooperation will be essential to solve global problems such as climate change pandemics and space exploration.

Ethical science will be the key to a better future. Technologies like artificial intelligence, robotics and genetic engineering must be used responsibly to protect human dignity and environmental balance. Education must promote scientific temper,



critical thinking and innovation among young minds.

Conclusion :-

In conclusion, trust, transformation and tomorrow are closely connected. Trust ensures acceptance of science, transformation brings progress, and tomorrow represents hope for a sustainable future. The science we need for 2050 must be ethical, inclusive and environmentally responsible.

Specimen copy of the Essay written by one of the participants.

SCANNED COPY OF ATTENDANCE SHEET	

BHIWAPUR MAHAVIDYALAYA, BHIWAPUR
INTERNAL QUALITY ASSURANCE CELL
SESSION: 2025-2026
ATTENDANCE SHEET OF THE PARTICIPANTS

DEPARTMENT/COMMITTEE: Physics

NAME OF THE ACTIVITY: Essay Competition on 'Trust Transformation and Tomorrow: The Science we need for 2050'

DATE: 10/11/2025

S.N.	NAME OF STUDENTS	CLASS	SIGNATURE
1.	Vaishnavi Dashrath Thakare	BSc 2nd yr	V Thakare
2.	Dipali Suresh chaudhari	BSc 2nd year	Dchaudhari
3.	Prathiksha Nandkishor samrit	Bsc 2nd year	P.N Samrit
4.	Abhilasha Vijay Wagh	B.Sc. 2nd year	A.V. Wagh
5.	Aman V. Shambharkar	B.Sc. 3rd	Ashambharkar
6.	Suhani Kiran Kale	B.Sc. II	Kale
7.	Dhanshree Nareshsingh Badge	B.Sc. II	D.N. Badge
8.	Prachi Mahendrel Giri	B.Sc II	Giri
9.	Hema Dalcram lawrekar	B.Sc II	Hlawrekar
10.	mayur subhash khobragade	B Sc. I	Mayur
11]	vaishnavi Yuvraj zode	BSc I	V zode
12]	Kashish Ajay Gedam	BSc I	Kashish
13]	Shubhangi Dnyaneshwar Dahatare	BSc I	Shubhangi
14]	Nikhita Tirtharaj Meshram	BSc I	
15]	krutika Govinda khankare	BSc I	Krutika
16]	Sakshi Kishor sameltwade	BSc III	Sakshi
17]	Tanushri Jagdish Raut	BSc II	T Raut
18]	Vedanshri Rajkumar Titarmare	B.Sc. II	
19]	Disha Someshwar Devhare	B.Sc. II	
20]	Prachi Abhiman Shendre	B.Sc. II	Pshendre

Attendance Sheet

Dr. Jobi George

Digitally signed by Dr. Jobi George
Date: 2026.09.30 14:35:23 +05'30'

Principal
Bhiwapur Mahavidyalaya