BACKWARD CLASS YOUTH RELIEF COMMITTEE'S

BHIWAPUR MAHAVIDYALAYA

BHIWAPUR DIST. NAGPUR- 441201

RE-ACCREDITED WITH GRADE 'B+' (CGPA-2.65) BY NAAC

ISO-9001:2015

AFFILIATED TO RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

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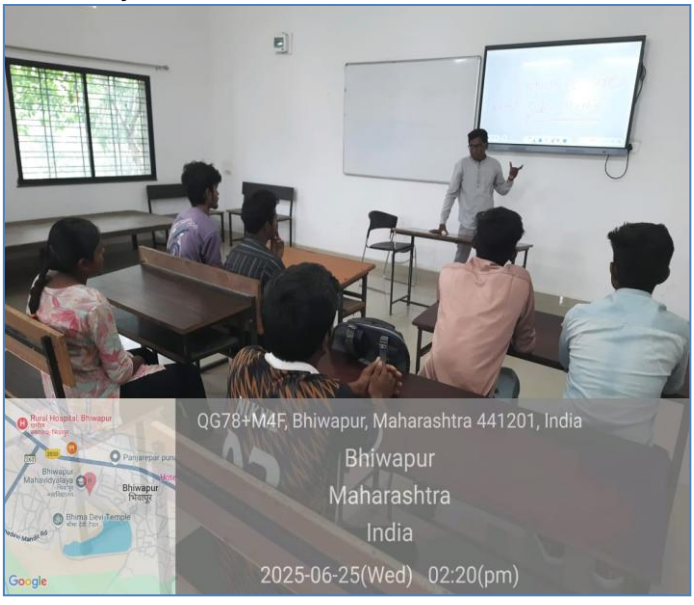
DETAILED ACTVITY REPORT

2025-2026

ACADEMIC SESSION	2025-2026
NAME OF THE ACTIVITY	Guest Lecture on the topic "Special Theory of Relativity"
ORGANIZING INSTITUTION/COLLABORATING INSTITUTIONS	Bhiwapur Mahavidyalaya, Bhiwapur
CORE AREAS COVERED	1. Concept of Space-Time 2. Newtonian Relativity 3. Special Theory of Relativity 4. Time Dilation 5. Length Contraction 6. Twin Paradox
SCHEDULE	25th June, 2025 at 02.00 P.M.
VENUE	Ground Floor, Annex Building
MODE OF ACTIVITY (ONLINE/OFFLINE (IF ONLINE, GIVE WEBLINK)	OFFLINE
ORGANIZING COMMITTEE	Department of Mathematics
CHIEF COORDINATOR	Asst. Prof. Dr. Ravikant Mishra
KEYNOTE SPEAKER/RESOURCE PERSON/PERSONS (Furnish a Brief Report on the Keynote Speaker's Expertise)	Dr. Vinay P. Tripade (NET, SET, Ph.D.) Department of Mathematics, Sarvodaya Mahavidyalaya, Sindewahi
BENEFICIARIES/TARGET GROUP	B.Sc. Final Year Students
NUMBER OF STUDENTS/BENEFICIARIES	Eight students
DETAILED REPORT OF THE	A Guest Lecture on the topic "Special Theory of Relativity" was successfully organized by

ACTIVITY	the Department of Mathematics, Bhiwapur Mahavidyalaya, Bhiwapur on 25th June, 2025 at 02:00 P.M. Asst. Prof. Dr. Vinay P. Tripade, a distinguished academician with expertise in advanced Mathematical and Physical concepts, Department of Mathematics, Sarvodaya Mahavidyalaya, Sindewahi shared his expertise on the topic "Special Theory of Relativity". The lecture was aimed to provide students with a deeper understanding of fundamental principles related to relativity and modern physics. The Session covered key areas like Concept of Space-Time, Newtonian Relativity, Special Theory of Relativity, Time Dilation, Length Contraction and Twin Paradox. Asst. Prof. Dr. Vinay P Tripade explained complex concepts in a simple and engaging manner, using practical examples and illustrations. The discussion on time dilation and the twin paradox particularly captured students' interest and enhanced their conceptual clarity. The lecture was interactive and students actively participated by asking questions and sharing their views. The Session helped them in bridging the gap between theoretical knowledge and its real-world applications. The Programme was coordinated by Asst. Prof. Dr. Ravikant Mishra, HOD, Department of Mathematics. At the end of the lecture, a question–answer session was held where students actively participated and clarified their doubts. Asst. Prof. Dr. Vinay P Tripade responded to all queries in a very engaging and insightful manner. Overall, the guest lecture was informative,

	enriching, and beneficial for the students, contributing to their academic growth and understanding of modern scientific theories.
PROGRAMME OBJECTIVES	• To introduce students to the fundamental concepts of the Special Theory of Relativity. • To explain key ideas such as space-time, relativity of motion, and invariance of the speed of light. • To develop conceptual understanding of Time Dilation and Length Contraction. • To relate theoretical concepts with real-life applications. • To inculcate interest in modern physics and higher-level scientific thinking.
PROBLEMS FACED, IF ANY	• Difficulty in understanding abstract and non-intuitive concepts among students. • Limited prior knowledge of advanced topics in Physics like space-time geometry. • Time constraints to cover complex topics in depth. • Language barriers between expert and students.
IMPACT/OUTCOME ACHIEVED	•Students gained a basic understanding of relativity and its significance in modern physics. • Learners were able to explain concepts like time dilation and mass-energy equivalence. • Students developed analytical thinking and problem-solving skills in abstract concepts. • Increased curiosity among students towards advanced topics in Physics. • Enhanced interaction between students and the expert, improving academic exposure.

ANALYSIS REPORT OF THE FEEDBACK OBTAINED FROM STUDENTS/ BENEFICIARIES/ ACADEMIC PEERS ETC.	The students expressed that the guest lecture on the "Special Theory of Relativity" was engaging, informative and enhanced their understanding. **Bhiwapur Mahavidyalaya, Bhiwapur** **Department of Mathematics** **Organizes** **Guest Lecture on "Special Theory of Relativity"** Name of Students: Sakshi Rajendra Pimpalkar Name of College: Bhiwapur Mahavidyalaya Bhiwapur Class: BSc IIIrd Year Whatsapp No. 9284034761 Please Tick √ the option you find more suitable **Sr. No. / Particular / Extremely Good / Good / Quite Good / Poor** 1. Arrangement of Programme — ✓ (Extremely Good) 2. Lecture delivered by the Guest — ✓ (Extremely Good) 3. Are you satisfied with the content of lecture" — ✓ (Extremely Good) 4. Topics covered in lecture — ✓ (Extremely Good) Suggestions if any_____ Signature of Participant
GEOTAG PHOTO GALLERY WITH CAPTIONS (Only GEOTAG photos covering the entire gamut/span of the activity will be accepted)	A Guest Lecture on "Special Theory of Relativity" was delivered by Asst. Prof. Dr. Vinay Tripade for the students of Bhiwapur Mahavidyalaya, providing insights into the fundamental concepts of Modern Physics and Relativity. 

Asst. Prof. Dr. Vinay Tripade conducted a Doubt-Clearing Session during the Guest Lecture on “Special Theory of Relativity”. The Session encouraged interactive learning and enhanced conceptual understanding among students.



An Interactive Question-Answer and Concept Clarification Sessions were conducted by Asst. Prof. Dr. Ravikant Mishra and Asst. Prof. Dr. Vinay Tripade during the Guest Lecture on “Special Theory of Relativity” for the students of Bhiwapur Mahavidyalaya.





SCANNED COPY OF ATTENDANCE SHEET

ATTENDANCE SHEET

BHIWAPUR MAHAVIDYALAYA, BHIWAPUR
Department of Mathematics
Guest Lecture on "Special Theory of Relativity"
Session: 2025-26
ATTENDACE LIST

Sr. No.	Name of Student	Class	Sign
(1)	Dhanshree Nareshsingh Badge	BSc 2nd year	D.N. Badge
[2]	Tanushri Jagdish Raut	BSc 2nd Year	Tanushri
[3]	Pratiksha Nandkishore Sammit	BSc 2nd year	P.N.Sammit
[4]	Dameshwari Vilas Kanjewar	BSc 2nd year	Kanjewar
[5]	Akanksha Moreshwar Chaudhari	BSc 3rd year	Akanksha
6)	Sakshi Bhagwat Titarmare	BSc 2nd Year	STitarmare
7)	Sakshi Rajendra pimpalkar	BSc 3rd year	Spimpalkar
8)	Suhani Kiran Kale	BSc 2nd year	Suhani

Principal
Bhiwapur Mahavidyalaya
Bhiwapur

Dr. Jobi George

Digitally signed by Dr. Jobi George
Date: 2026.09.29 16:31:11 +05'30'

Principal
Bhiwapur Mahavidyalaya