



"Dissemination of Education for Knowledge, Science and Culture"

-Shikshan Maharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Dattajirao Kadam Arts, Science & Commerce College, Ichalkaranji



Department of Physics (Academic Year 2025-2026)

Date: 01/12/2025

To,

The principal

Dattajirao Kadam Arts, Science, and Commerce College, Ichalkaranji.

Subject: Permission for students to attend State Level Winter School in Physics.

Respected Sir,

I respectfully request permission to allow the students of the **Department of Physics** to attend the **State Level Winter School in Physics on "Optics & Electromagnetism"** jointly organized by the **Physics Departments of Shivaji University, Kolhapur and Rajaram College, Kolhapur** in association with the **Indian Association of Physics Teachers (IAPT), Sub Regional Council 08 D**.

The **Inaugural Function** of the Winter School is scheduled on **26th December 2025 at 10:45 AM** at the **Auditorium, Department of Physics, Shivaji University, Kolhapur**. The Winter School will include expert lectures, conceptual discussions and experimental demonstrations by eminent academicians, which will be highly beneficial for the academic enrichment of undergraduate and postgraduate physics students.

I kindly request you to grant permission for the interested students of the Department of Physics to attend this Winter School. The department will ensure that the students maintain discipline and that their academic work is not adversely affected.

I request you to kindly accord the necessary permission.

Yours sincerely,

*permitted for attending
the state level W.S. Physics*
[Signature]
12/12/25

(Dr. V. V. Ganbavle)

HEAD,

Department of Physics
Dattajirao Kadam A.S.C. College,
Ichalkaranji.



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Department of Physics (Academic Year 2025-2026)

Date: 02/12/2025

Notice

State Level Winter School in Physics (*Optics & Electromagnetism*)

All students of the Department of Physics are hereby informed that a State Level Winter School in Physics on "Optics & Electromagnetism" is being organized by the Physics Departments of Shivaji University, Kolhapur and Rajaram College, Kolhapur in association with The Indian Association of Physics Teachers (IAPT), Sub Regional Council 08 D.

Inaugural Function Details:

Date: 26 December 2025

Time: 10:45 AM

Venue: Auditorium, Department of Physics, Shivaji University, Kolhapur.

The Winter School will include expert lectures, concept discussions and experimental demonstrations in optics and electromagnetism by eminent academicians. All interested UG Physics students are encouraged to attend and actively participate in this academic program. Attendance will be considered academically beneficial. For further details, students may contact the Department of Physics.



(Dr. V. V. Ganbavle)

HEAD,

Department of Physics
Dattajirao Kadam A.S.C. College,
Ichalkaranji.



Physics Departments of
Shivaji University, Kolhapur, &
Rajaram College, Kolhapur

In Association with



The Indian Association of Physics Teachers

Sub Regional Council 08 D

Announces

Winter School in Physics

on

● Optics & Electromagnetism

For undergraduate Students of Physics

December 26-30, 2025

Venue: Department of Physics, Shivaji University, Kolhapur

Patrons

**Registration
Fees
₹ 500/-**

Prof. (Dr.) R. G. Sonkawade,
Head, Department of Physics, Shivaji University, Kolhapur

Prof. (Dr.) A. J. Bodake,
Principal, Rajaram College, Kolhapur

Dr. M. V. Takale,
President, IAPT SRC 08D

Dr. A. B. Salunkhe,
Convener



Bank Account Details:

Bank of Maharashtra

Name: Mr. Shivaling Dundappa Padmanavar

A/C No. 20027639786

IFSC Code: MAHB0001045

Contact:

Dr. A. B. Salunkhe
(+91 8356073493)

Fees Include:

- Study material, Tea, Breakfast and Lunch;
- Request for accommodation has to be made at the time of registration. Kindly note that participants need to pay for the accommodation separately.



**REGISTER
NOW**



INVITATION



State Level Winter School in Physics on Optics & Electromagnetism

Organized by
Physics Departments of
Shivaji University, Kolhapur, & Rajaram College, Kolhapur
In Association with
The Indian Association of Physics Teachers
Sub Regional Council 08 D

INAUGURAL FUNCTION

Chief Guest

Dr. V. N. Shinde,
Registrar,
Shivaji University, Kolhapur

President

Prof. (Dr.) R. G. Sonkawade,
Head, Department of Physics,
Shivaji University, Kolhapur

Guest of Honour



Shree. Mahesh Shetti,
President,
Regional Council 08, IAPT

HEAD,
Department of Physics
Dattajirao Kadam A.S.C. College,
Ichalkaranji.

Date and Time: 26 December, 2025 10:45 AM

Venue: Auditorium, Department of Physics,
Shivaji University, Kolhapur

Indian Association of Physics Teachers RC-08

Winter School Time Table

Day and Date	26-12-2025	27-12-2025	28-12-2025	29-12-2025	30-12-2025
Session I 10:00 - 11:30	Registration and Inauguration	Optics 2 Mahesh Shetti	Optics 4 Mahesh Shetti	Electromagnetism 4 Dr Kiran Kolwankar	Electromagnetism 6 Dr Kiran Kolwankar
Short Break					
Session II 11:45 - 01:00	E - 1 Dr. V. N. Shinde (Registrar, Shivaji University)	E - 2 Prof Anil Raghav Space Weather	Electromagnetism 3 AM Shaker	Optics 7 Vijay Jadhav	Electromagnetism 7 Dr Madhavi Thakurdesai (Magnetism Ampere's law)
Lunch Break (01:00 - 02:00)					
Session III 02:00 - 03:15	Optics 1 Mahesh Shetti	Optics 3 Mahesh Shetti	Optics 5 Vijay Jadhav	Electromagnetism 5 Dr Kiran Kolwankar	E - 4 Prin. (Dr.) Anita Bodke Principal, Rajaram College
Short Break					
Session IV 03:30 - 04:45	Electromagnetism 1 AM Shaker	Electromagnetism 2 AM Shaker	Optics 6 Vijay Jadhav	E - 3 Magnetic materials Dr Madhavi Thakurdesai	Valedictory

HEAD,

Department of Physics
Dattajirao Kadam A.S.C College,
Ichalkaranji



Indian Association of Physics Teachers

(Registered under Section XXI of Societies Act 1860, Reg. No. K-1448)

SUB-REGIONAL COUNCIL FOR MAHARASHTRA (SRC-08 D)

Ref. No.

Date: 19/12/2025

President

Dr. Mansing Takale

Department of Physics,
Shivaji University, Kolhapur
mansingtakale@gmail.com
Contact No. 9673041222

To

Dr. Vinayak Ganbavale,
Head, Department of Physics,
D.K.A.S.C. College,
Ichalkaranji

Subject: Request to relieve Dr. Vinayak Pawar for assisting students during the IAPT Winter School

Dear Sir,

With due respect, I write to request your kind permission to relieve one faculty member from the Department of Physics for a limited period to assist and mentor students during the **Winter School organized under the aegis of the Indian Association of Physics Teachers (IAPT)**.

The Winter School is purely academic in nature and is designed to strengthen students' conceptual understanding and problem-solving abilities through guided discussions, tutorial sessions, and structured interactions. Faculty support during the sessions will be highly valuable for smooth coordination, academic facilitation, and ensuring that participating students benefit maximally from the programme.

In this regard, I humbly request you to kindly relieve **Dr. Vinayak Pawar** from routine departmental duties for the required duration from **26 – 29 Dec 2025** so that they may support students in academic mentoring, tutorial assistance, and coordination of session-related requirements.

I assure you that the engagement will be strictly for academic purposes, and we will ensure that departmental responsibilities are minimally affected. Your support and cooperation will greatly contribute to the successful conduct of this meaningful academic initiative for our students.

Kindly grant the necessary permission and oblige.

Thank you.

Yours sincerely,

Dr. M. V. Takale,

President, IAPT Sub-RC 08(D)

Department of Physics, Shivaji University, Kolhapur

Contact: +91-8459483433





Indian Association of Physics Teachers

(Registered under Section XXI of Societies Act 1860, Reg. No. K-1448)

SUB-REGIONAL COUNCIL FOR MAHARASHTRA (SRC-08 D)

Ref. No.

Date: 29/12/2025

President

Dr. Mansing Takale

Department of Physics,
Shivaji University,
Kolhapur
mansingtakale@gmail.com
Contact No. 9673041222

ATTENDANCE CERTIFICATE

To,
Whomsoever It May Concern

Subject: Attendance / Service Certificate – Winter School (26–29 December 2025)

This is to certify that Dr. Vinayak Pawar attended and actively contributed to the Winter School organized by the Indian Association of Physics Teachers (IAPT) held from 26 to 29 December 2025.

During the programme, Dr. Vinayak Pawar served as a Volunteer. He provided valuable support in conducting the Problem-Solving Sessions, assisting students academically, and contributing to the smooth conduct of the sessions and the overall programme.

This certificate is issued on request for official record and reference.

Date: 29 / 12 / 2025

Place: Kolhapur

Sincerely Yours,

Dr. M. V. Takale,
President,
Regional Council 08(D), IAPT
Department of Physics,
Shivaji University, Kolhapur



"Participation in The State Level Winter School in Physics on Optics & Electromagnetism"

From 26th - 30th December 2025

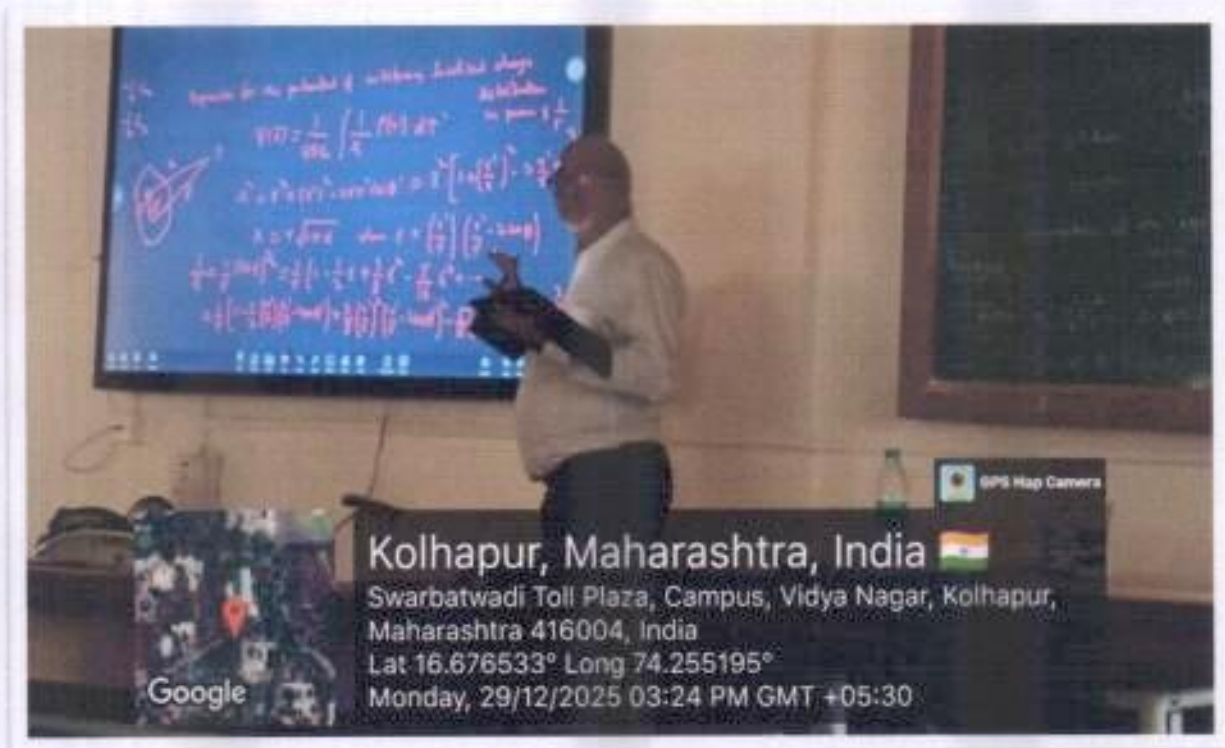
"Mahesh Shetti Sir discussing the fundamental principles and working of optical telescopes"



"Participants experimentally verifying the inverse square law governing the intensity of light"



"Dr. Kiran Sir explaining the theoretical framework of multipole expansion to the participants"



"Dr. Madhavi Thakur-Desai discussing the properties and significance of metamaterials in modern physics"



"Mr. Vijay Sir explaining fundamental concepts of Electromagnetism during the Winter School session"



"Group photograph of participants and faculty members at the Winter School programme"



[Signature]

HEAD,

Department of Physics
Dattajirao Kadam A.S.C. College,
Ichalkaranji.



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Shri Swami Vivekanand Shikshan Sanstha's

Dattajirao Kadam Arts, Science & Commerce College, Ichalkaranji



Department of Physics (Academic Year 2025-2026)

Report on

"Participation in The State Level Winter School in Physics on Optics & Electromagnetism"

The State Level Winter School in Physics on "Optics & Electromagnetism" was organized jointly by the Physics Departments of Shivaji University, Kolhapur and Rajaram College, Kolhapur in association with the Indian Association of Physics Teachers (IAPT), Sub Regional Council 08 D. The Winter School was conducted as per the scheduled academic timetable and included expert lectures, conceptual discussions and problem-solving sessions covering important topics in optics and electromagnetism.

From the Department of Physics, two students of B. Sc. III Physics named as **Miss. Ragini Pawar** and **Miss. Ashwini Singh** actively participated in the Winter School. Both students attended the academic sessions regularly and were involved in conceptual learning as well as numerical problem-solving activities. Their participation provided them with deeper theoretical understanding and improved problem-solving skills in core physics concepts.

In addition, **Dr. V. S. Pawar** was invited to assist the students during the numerical problem discussion sessions conducted as part of the Winter School. Dr. Pawar guided the participants in solving numerical problems, clarified doubts related to theoretical concepts and helped bridge the gap between theory and practical applications. His contribution significantly enhanced the learning experience of the participating students.

Overall, the Winter School proved to be an academically enriching program for both students and faculty. The participation of students and the academic support provided by Dr. V. S. Pawar contributed positively to the success of the Winter School and strengthened conceptual understanding in optics and electromagnetism.



[Signature]
HEAD,

Department of Physics
Dattajirao Kadam A.S.C. College,
Ichalkaranji.