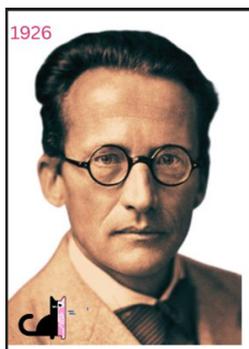


ANNOUNCEMENT

IAPT National Competition on Essay Writing in Physics (NCEWP - 2026)

Writing makes one perfect, essay writing more so.....

Broad Topic: - Quantum Legacy of Erwin Schrodinger



The year 2026 marks the 100th anniversary of the formulation of the Schrödinger equation. In 1926, Erwin Schrödinger published a series of seminal papers introducing the Schrödinger equation, the cornerstone of quantum mechanics. This partial differential equation governs the time evolution and stationary states of quantum systems, linking atomic and molecular structure to the behaviour of condensed matter and enabling a wide range of modern technology—from semiconductors and lasers to magnetic resonance imaging and emerging quantum devices.

NCEWP is one of the four national competitions being held by IAPT every year. The competition is open to participants in two categories viz., students and teachers (including Science Communicators).

Category A - Students of (i) Higher Secondary /Jr. College, (ii) UG and (iii) PG level;

Category B - Teachers of (i) Higher Secondary/Jr. College, (ii) UG and (iii) PG institutions, also Science Communicators working in recognized institutions.

Below are given the subthemes, participants are requested to pick up one and develop an essay under any of the subthemes of the broad topic.

- 1. The Impact of Schrödinger's Equation on Modern Physics: Explore how the equation has shaped our understanding of the quantum world.**

2. **Schrödinger's Life and Work: A Journey Through Quantum Mechanics.** Delve into Schrödinger's biography and his contributions to physics.
3. **Quantum Mechanics and Philosophy: The Legacy of Schrödinger's Cat:** Discuss the philosophical implications of Schrödinger's work.
4. **Applications of Schrödinger's Equation in Modern Technology:** Investigate the equation's role in shaping modern technologies, like quantum computing and materials science.
5. **The Evolution of Quantum Mechanics: From Schrödinger to Today:** Trace the development of quantum mechanics, highlighting key milestones and contributions.
6. **Schrodinger and his idea of Life:** Schrodinger's influence on Biology.

General Instructions:

- (1) The essay will be limited to A4 size 10 pages including figures/tables etc. type-written in the Times New Roman 11-point fonts, with 1.15 spacing. Please do not exceed the page limit.
- (2) **Hand written and scanned documents are not allowed.**
- (3) Each participant will be given an **e-certificate**.
- (4) Participants will provide the following information with their Essay.
 Name.....
 Class/ Course..... Identity card copy
 Name of the School/ College/Institution.....
 E-mail..... Contact No....

A format for the essay is given below:

IAPT National Competition on Essay Writing in Physics: 2026 (NCEWP – 2026)

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Category: A or B (Tick your category)

- I. **Title of the Essay** (Font Size 14) (Choose a suitable title of your essay, short and Crisp)
- II. **Count of Words:** 5000 or 10 A4 size paper
- III. **Author's Details** (with Affiliation & Signature) (Font size 12)
- IV. **Abstract:** in 150 words (Font Size 10) Key Words (Maximum Five)

V. **Body of the Essay:** not more than 10 A4 size papers, you can include *pictures, graphs, tables, infograph and other structures* in your paper. (Font size 11) Add bibliography at the end of the papers, resources, websites, books etc. you have used in writing the essay,

Important Instructions for conduct and participation in IAPT Essay Competition NCEWP-2026

- a) ***Who will conduct the Competition?*** All the Regional and Sub Regional Councils (RC's and SRC's) will conduct the regional level essay competition digitally by announcing the last date of submission of paper by 15th July 2026
- b) ***Who can receive the essays digitally?*** Higher Secondary/UG/PG students can submit their essays through e-mails to President/Secretary/EC member of the respective regional council. Only two entries per institution may be submitted in a category.
- c) ***How to send essay?*** Students will send their entries duly forwarded through respective school/college/institute to the appropriate Regional Council (RC) with all contact details of the competitor (Name, email, mobile number etc. clearly).
- d) ***How the scrutiny and selection of essays will be done at RC level?*** The RC's will have the initial scrutiny at their level. They will select 2 best essays from each level. Thus, each RC will submit 6 best entries to the national competition. RCs may award certificate etc., for their participants. Even the RCs may issue a certificate of Participation to those whose Essays are sent to the National Competition.
- e) ***Language for writing the essay?*** For the regional competition, students may write their Essays in Hindi or their regional languages. If such entries are forwarded for the National Competition, then the concerned RCs will translate the Essay in English (with the help of Google translator etc.). Only **English Version** of the submitted essay has to be submitted/forwarded for National Level Competition.
- f) ***Whom to send entries of Science Communicators, teachers:*** Teachers & Science Communicators will send their entries through e-mails duly forwarded directly to the Coordinator NCEWP. Retired teachers can self-attest their entry.
- g) ***Evaluation Process:*** All entries will be assessed by three evaluators. All entries (in English only) will be scrutinized reviewed and ranked.

- h) Plagiarism Check:*** All entries will be subjected to an online plagiarism test. Essays found failing in test will be rejected out rightly.
- i) LAST DATE of submission:*** The last date for essay submission is **30th July, 2026**. Final entries for the national competition must be submitted in PDF format by e-mail to any one of the following:

Prof. S. K. Joshi, Coordinator, NCEWP-2026

joshisantoshk@yahoo.com (M) 09893084286

Prof. Viresh Thakkar, Member, vireshhthakkar@gmail.com

Dr. Runima Baishya, Member, runimabaishya@gmail.com

Dr. V. Rajeshwar Rao, Member, drvvr_kitss@rediffmail.com

Feel of Quality: To get a feel of the quality of this essay writing competition on Physics, visit our website NCEWP page: <https://www.indapt.org.in/f/Essay-Writing-NCEWP-19875?source=view> to download winning entries of the past competitions available in the form of e-books