IAPT National Competition on Essay Writing in Physics
(NCEWP - 2019)

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

NCEWP is one of the three 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 higher secondary / Jr. College, UG and PG levels;
Students will not submit their entries directly to the Coordinator/Member.

There will be a preliminary competition in each of the Regional Councils IAPT RC -1 to RC – 22, on the same topic. The top two entries each in H. Sec., UG and PG levels from each RC will be finally sent up in time by the RCs for the National Competition.

**Category B** - teachers of higher secondary/Jr. College, UG and PG institutions, also Science Communicators working in recognized institutions.
Participants in category B will send their entries, duly forwarded, directly to the Coordinator/Member.

Topic of Essay for both the categories is

**PHYSICS OF YOUR CITY, COMMUNITY AND SURROUNDINGS**

The idea is to explore your neighborhood and ferret out interesting science themes and primarily physics based themes.

By neighborhood we mean: your city or town and if you are rural based then your village and tehsil (Block) and also your residential community; Observation, exploration and investigation - things around you and activities you witness on a daily basis.

You may divide your study and subsequent presentation into two distinct parts:

**The First Part:** brief contents on

(i) relevant map (Enclosed maps may have a road map of the streets of the town and city if the place is not too small ) with latitude and longitude;
(ii) area in sq. km.
(iii) rainfall and temp ranges
(iv) population as of year say 2018 or some recent year
(v) means and consumption of electrical power
(vi) means and consumption of water
(vii) Transport, particularly public transport.

It may contain other routine items for example if it is a historic place etc. This would give us some idea of your community. You can of course look at all of the above with a physicist's eye. For example if you are mentioning population you may also mention population density (an idea similar to surface charge density) or when mentioning power you may have a graph showing how it has grown over the decades.

We stop here because we do not want to give you all the ideas. Think creatively.
The Second Part:
What are the especial themes about your city/town/village which would excite a physicist or which is understandable if you apply physics principles? Are there scientific institutions in your neighborhood? Again you have to look around and think creatively.

The essay will be limited to 08 pages including figures/tables etc., type-written in the Times New Roman 11-point fonts, with 1.15 spacing. You may also optionally provide a maximum of 5 figures/pictures. A format is given below:

**IAPT National Competition on Essay Writing in Physics: 2019**  
(NCEWP – 2019)

**Topic:** PHYSICS OF YOUR CITY, COMMUNITY AND SURROUNDINGS

**Tick Category:**
- A  
- B

**Author’s Details** (with Affiliation & Signature):

**Total No. of Words:**

**Key Words (Maximum Five)**

All entries will be subject to the online plagiarism test. Hand written and/or scanned submission will be rejected. Only one entry per participant and at most two entries per institution may be submitted in a category.

All the RCs are requested to motivate participation from students and teachers in this national contest. For students (category A) the RCs will arrange a preliminary regional essay competition on the above topic, in June-July, to select the top two participants in H. Sec./UG/PG for the final NCEWP - 2019. Final entries must be submitted in PDF format by e-mail to any one of the following:

PROF. S. K. JOSHI, Coordinator, NCEWP, Mail id: - joshisantoshk@yahoo.com
DR. HIMANSHU PANDEY, Member, NCEWP, Mail id: - himanshukrpandey@gmail.com
DR. SHIVANAND MASTI, Member, NCEWP, Mail id: - shivanandmasti@yahoo.co.in

The entry will have to be forwarded through the Head / Principal of the institution, mentioning the category A or B, along with all contact details clearly.

Retired teachers can self-attest their entry. All entries (in English only) will be scrutinized in all respects, and will be assessed by three evaluators.

**Deadline for submission to NCEWP is JULY 30, 2019**

Attractive cash prizes plus books / CD will be awarded to the winners separately in categories A and B. Details of the prizes will be decided in consultation with the judges of the competition.

Results of the competition NCEWP - 2019 will be declared in the IAPT Bulletin, and will also be mailed to contestants. The prize distribution will take place as a part of the IAPT annual convention to be held at Prayagraj (Allahabad) UP during mid-October, 2019.

**S. K. JOSHI**  
Coordinator, NCEWP-2019