



Preparatory SERC School in Theoretical High Energy Physics, 2015
Department of Physics
Indian Institute of Science Education and Research Bhopal
Recommendation Letter

Note : (a) All the fields are necessary. (b) Type written letters are preferable. (c) **Last date of submission is April 14, 2015.** (d) Kindly Email your letter to serc15@iiserb.ac.in

1 Details of the Recommender

Name	
Institute/University	
Designation	
email id	
Phone no.	

2 Details of the Applicant

Name of the Applicant	
Institute/University of the Applicant	

PTO

3 Recommendation

a) How well do you know the applicant? (please tick one)

Quite well

Fairly well

Not so well

b) How long have you known the applicant? _____ year(s)

In what capacity ? As a _____

c) Has the applicant taken any of the courses to be taught at the school ? YES NO

If the answer is yes, why does she/he need to attend the school ?

d) How, in your opinion, will the applicant benefit from the school?

e) Please mark the columns appropriate to the applicant (assess only those skills about which you have first-hand information). The percentages refer to the sample of all students with similar qualifications known to you.

	Outstanding (among top 5 %)	High (between 5-10 %)	Medium (between 10-20%)	Low (less than 20%)	Can not judge
General intelligence					
Grasp of basics					
Mathematical ability					
Communication skills					
Motivation for research					

f) In order to help us to determine the level of participant's preparedness and familiarity with the background material needed as prerequisites, please indicate (put a tick mark) the knowledge of the participant in the following subjects.

Basic courses	Very good	Good	Not adequate
Linear algebra: basic group theory, vector space, matrices, determinants , Fourier transformation, differential equation			
Relativistic QM : i) Klein-Gordon eqn, ii) Dirac eqn, iii) Plane wave solution of Dirac eqn, iv) Solution of the Hydrogen atom			
Special theory of relativity : i) length contraction ii) time dilation iii) Lorentz transformations iv) Electrodynamics in tensor notation			

f) Are you recommending more than one student to SERC preparatory school this year ? If so, please rank them in order of merit.

- 1
- 2
- 3
- 4

g) In summary, how would you recommend the applicant ?

Very strongly

Strongly

Not this time

Date :

Name and signature.