

Re: Request for Final Review and Suggestions on Draft Syllabus – Physics*4 emails*

< ashivaji@iisermohali.ac.in >

Tue, 20 May 2025 8:17:30 PM +0530

To "DEEPAK kumar pandey"<dpandey.hedu@uk.gov.in>

Cc "akelkar"<akelkar@iitk.ac.in>,"kishorek"<kishorek@iisc.ac.in>,"Secretary Higher Education"<secy-hedu-ua@nic.in>,"nep"<nep@kunainital.ac.in>,"vc"<vc@kunainital.ac.in>,"DeepakPandey"<nodal-pmu-hedu@ukgovernment.in>,"digi.heuk"<digi.heuk@gmail.com>

Dear Dr. Deepak,

Thank you for your email.

I note that the discipline specific theory courses (in both BSc and MSc) have no tutorial component. Weekly tutorials are needed for improving the problem solving skills of the students. It particularly helps weaker students in the class. Various exams for higher education like JAM/JEST/GATE/NET test the problem solving skills. Unfortunately many university students have to opt for coaching classes to learn these skills. They are forced to waste both time and money. I would like to urge that please reconsider the credit distribution and introduce mandatory tutorial sessions for introductory theory courses. It will certainly put more burden on the teachers, but it's worth a try.

Best regards,
AmbreshOn Sun, May 18, 2025 at 11:39 PM DEEPAK Kumar Pandey <dpandey.hedu@uk.gov.in> wrote:**CAUTION****This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Dear Sir/Madam,

Greetings!

The Department of Higher Education extends its sincere gratitude for your valuable contributions and continued support in the process of upgrading the syllabus in accordance with the National Education Policy (NEP) mandate. Our collective goal is to equip students with the knowledge and skills needed for the future.

We are pleased to share with you the *Final Draft Syllabus* for **Physics**, as provided by the Subject Convener of the University. Before we proceed with its finalization, we kindly request your expert review, feedback, and suggestions—if possible—by **20th May**.

Your insights are crucial in shaping a robust, relevant, and future-ready curriculum.

We deeply appreciate your cooperation and look forward to your continued support.

With Due Regards

Prof. (Dr.) Deepak Kumar Pandey
Assistant Director & Nodal NEP-PMU
Department of Higher Education
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Mob- +918077927057
Whats App- +919411749242

DEEPAK Kumar Pandey <dpandey.hedu@uk.gov.in >

Tue, 20 May 2025 7:04:00 PM +0530

To "nep"<nep@kunainital.ac.in>

Sir, Plz find the final Comments as send by Prof T Kishore from IISC for needful. This is also to bring into your kind notice that in the draft syllabus names of expert committee and drafting committee is not mentioned. Kindly acknowledge for the needful.

With Due Regards

Prof. (Dr.) Deepak Kumar Pandey

Assistant Director & Nodal NEP-PMU
Department of Higher Education
Govt. of Uttarakhand
Mob- +918077927057
Whats App- +919411749242

===== Forwarded message =====

From: <kishorek@iisc.ac.in>

To: "DEEPAK kumar pandey" <dpandey.hedu@uk.gov.in>

Cc: <sreddy@iisc.ac.in>

Date: Tue, 20 May 2025 13:38:41 +0530

Subject: Re: Request for Final Review and Suggestions on Draft Syllabus – Physics

===== Forwarded message =====

Dear Sir/Madam,

I would like point out some of the request as:

In the “ 14-05-2025 NEP Draft_Physics.pdf, ” syllabus details are not available for DSE A5 Research Methodology in Physics in semester VI and semester VII.

In semester VI, ‘Practical Component,’ please specify the method of finding the speed of light in air.

In DSC A7 Mathematical Physics paper, could you add a little more about Group Theory and Matrices if possible, In current draft, ‘Group Theory’ is included in DSE A16 (d3): Spectroscopy-III, but Matrices nowhere included. In Matrices, ‘Cayley –Hamilton Theorem- Diagonalisation of 3x3 real symmetric matrices’ is important in the postgraduate level.

As we discussed a lot about the Dissertation in last in online meeting in MSc Physics syllabus, but currently no changes on the Dissertation topic. Instead of four Dissertations in all the semester of the two-year MSc course, it may be considered, the first year an Internship and the second year as ‘Project work & Viva voce’. If it is possible to change and everyone accept means, please change, or we will continue as it is.

Some of the typographical errors are in page no 4 of DSE A16 and DSE A17 in Roman letters of Condensed Matter Physics.

with regards

T Kishore Kumar

From: DEEPAK Kumar Pandey <dpandey.hedu@uk.gov.in>

Sent: 18 May 2025 23:38

To: akelkar <akelkar@iitk.ac.in>; Kishore Kumar T <kishorek@iisc.ac.in>; ashivaji <ashivaji@iisermohali.ac.in>

Cc: Secretary Higher Education <secy-hedu-ua@nic.in>; nep <nep@kunainital.ac.in>; vc <vc@kunainital.ac.in>; DeepakPandey <nodal-pmu-hedu@ukgovernment.in>; Digital HE <digi.heuk@gmail.com>

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External Email

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1 Attachment(s)

Prof. T. Kishore IISC Physics F...

236.8 KB

< kishorek@iisc.ac.in >

Tue, 20 May 2025 4:25:17 PM +0530

To "DEEPAK kumar pandey"<dpandey.hedu@uk.gov.in>

Cc "sreddy"<sreddy@iisc.ac.in>

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Cc: Secretary Higher Education <secy-hedu-ua@nic.in>; nep <nep@kunjainital.ac.in>; vc <vc@kunjainital.ac.in>; DeepakPandey <nodal-pmu-hedu@ukgovernment.in>; Digital HE <digi.heuk@gmail.com>

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Cc "Secretary Higher Education"<secy-hedu-ua@nic.in>,"nep"<nep@kunainital.ac.in>,"vc"<vc@kunainital.ac.in>,"DeepakPandey"
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2 Attachment(s)

14-05-2025 NEP Draft_Physic...
1.3 MB

Presentation_Test - Copy.pptx
580.8 KB