

# पंडित ललित मोहन शर्मा परिसर, ऋषिकेश श्रीदेव सुमन उत्तराखण्ड विश्वविद्यालय

Email : sdsuvrishikesh@gmail.com

पत्रांक 332 / कार्यालय / 2024-25

दिनांक- 23.07.2024

## आवश्यक सूचना

पं०ल०मो० शर्मा परिसर, ऋषिकेश श्रीदेव सुमन उत्तराखण्ड विश्वविद्यालय, एन०पी०टी०ई०एल० (नेशनल प्रोग्राम ऑफ टेक्नोलॉजी एण्ड एक्सेलेंस) के लोकल चैपटर में सम्मिलित हो चुका है। सभी संकायाध्यक्षों/विभागाध्यक्षों को सूचित किया जाता है कि यह सूचना छात्रों से सम्बन्धित ग्रुप में प्रेषित करने का कष्ट करें तथा छात्रों का नामांकन एन०पी०टी०ई०एल० (नेशनल प्रोग्राम ऑफ टेक्नोलॉजी एण्ड एक्सेलेंस) कोर्सेज में कराना सुनिश्चित करें। इससे सम्बन्धित आवश्यक जानकारी संलग्न है।

(प्रो० एम०एस० रावत कार्ग निदेशक

पू०सं० / कार्यालय / 2024-25 तद्दिनांक

प्रतिलिपि– निम्नांकित को सूचनार्थ एवं आवश्यक कार्यावाही हेतु प्रेषित।

- 1. निजी सचिव कुलपति, मा० कुलपति महोदय श्रीदेव सुमन उत्तराखण्ड विश्वविद्यालय बादशाहीथौल (टि०ग०)।
- 2. कुलसचिव, श्रीदेव सुमन उत्तराखण्ड विश्वविद्यालय बादशाहीथौल (टि०ग०)।
- 3. कार्यालय प्रति।

(प्रो० एम० एस० रावत) निदेशक

पं ललित मोहन शर्मा श्रीदेव सुमन उत्तराखण्ड विश्वविद्यालय परिसर ऋषिकेश Pt. Lalit Mohan Sharma Sri Dev Suman Uttarakhand University Campus Rishikesh



प्रो0 (डॉ0) मनोज यादव Prof. (Dr.) Manoj Yadav विभागाध्यक्ष, भौतिक विज्ञान विभाग Head, Department of Physics hodphysicssdsuv@gmail.com

## Enrollment in NPTEL Courses From Local Chapter : Sri Dev Suman Uttarakhand University, Pt. L. M. S. Campus Rishikesh, Uttarakhand.

This is to be informed that our campus has been added to the NPTEL (National Programme on Technology Enhanced Learning) local chapter college list. This is a great opportunity for the students to get online certificate from NPTEL. Along with the studies in the university, students can enroll in the courses provided by NPTEL. The faculty members can also enroll in the available courses 'as faculty'. The details are available on the NPTEL website. Students must login and enroll in at least one NPTEL course for their skill enhancement. The students can choose faculty members of our campus as mentors in the NPTEL course. For this, the faculty member should also have enrolled in the same course. The list of available courses for July to December 2024 session is attached herewith (also available in NPTEL website).

Following steps are important for the enrollment:

- 1- Sign Up / Login in NPTEL Swayam website/app.
- 2- In the catalog section, find a suitable course (course duration 4/8/12 weeks).
- 3- Join the course by filling in the details, email I'd etc.
- 4- NOTE- Choose pin code 249201 district Rishikesh

Choose Profession as a *Student*. [Faculty members should choose profession as Faculty] Choose 'I have ABC id' (students).

In section - Are you a part of swayam local chapter - Select 'YES'.

Select Sri Dev Suman Uttarakhand University, Pt LMS Campus Rishikesh as Local Chapter. Select Sri Dev Suman Uttarakhand University as University.

Select your area and department.

5- Join the course.

After joining, choose the mentor, complete assignments and the course.

A certificate will be provided after completing the course and the exam.

Prof. Maroj Yadav SPOC, NPTEL Pt. L. M. S. Campus Rishikesh SDSUV, Uttarakhand

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Example screenshots:



Course Selection. Course Preview C C {Select S Prof Amal Kumar Das : Course Preview C C Any Guase from You discipling

Learners Enrolled: 810 Exam Registrations: 17

### Solid State Physics

By Prof. Amai Kumar Das IIT Kharagpur

#### ABOUT THE COURSE:

In universe, matter is observable in everyday life in four states: solid, liquid, gas and plasma. There are other states of mater known to exist only under extreme situations. Matter, whatever the states, is made of atoms. The states are defined in terms of interatomic distance, atomic arrangement and atomic ionization in matter. In solid state of matter, the arrangement of atoms forms different structure of materials. The structure of materials is the key deciding factor for different kind of properties, such as thermal, electrical, optical, magnetic, dielectric etc. In this course we will learn the structure of solid materials and their different physical properties along with underlying physics.

INTENDED AUDIENCE : B.Sc in Physics, Chemistry, Electronics ,B.E and B.Tech in Material Science, Metallurgy, Cryogenics, Electronics

INDUSTRY SUPPORT : Solid state physics has the most striking impact on the solid state electronics. The industries of electronics, telecommunication and instrumentation will



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पं ललित मोहन शर्मा श्रीदेव सुमन उत्तराखण्ड विश्वविद्यालय परिसर, ऋषिकेश

Pt. Lalit Mohan Sharma Sri Dev Suman Uttarakhand University Campus Rishikesh



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Are you a part of an SWAYAM local chapter? *		
Yes	4 (Import	ent
If you are a student/faculty in a college, go to http://nptel.ac /LocalChapter/ and check if your college is an SWAYAM Loca Chapter	sin	
Local Chapter State/ College State *		
Uttarakhand		
College/School Name *		
Sri Dev Suman Uttarakhand University Pt. Lalit		
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