

## List of Subjects Offered to Exchange/Short-term Non-local Study Students for Semester 2 (Spring) 2024/25

### Department of Applied Physics (AP)

Subject Code	Subject Name	Credits	Eligible Student Type [see *]	Limitation [see **]	Eligible Student (Year 1) (Y/N)	Eligible Student (Year 2) (Y/N)	Eligible Student (Year 3) (Y/N)	Eligible Student (Year 4 or above) (Y/N)
<a href="#">AP10005</a>	Physics I	3	ALL	N/A	Y	Y	Y	Y
<a href="#">AP10006</a>	Physics II	3	ALL	N/A	Y	Y	Y	Y
<a href="#">AP10007</a>	Applied Physics Laboratory	3	ALL	N/A	Y	Y	Y	Y
<a href="#">AP20002</a>	Materials Science	3	ALL	N/A	Y	Y	Y	Y
<a href="#">AP20006</a>	Quantum Mechanics for Scientists and Engineers	3	ALL	N/A	Y	Y	Y	Y
<a href="#">AP30010</a>	Radiation Physics	3	ALL	N/A	N	Y	Y	Y
<a href="#">AP30011</a>	Solid State Physics	3	ALL	N/A	N	Y	Y	Y
<a href="#">AP30022</a>	Scientific Instrumentation and Automation	3	ALL	N/A	N	Y	Y	Y
<a href="#">AP40009</a>	Advanced Photonics Laboratory	3	ALL	N/A	N	N	Y	Y
<a href="#">AP40012</a>	Machine Learning in Physics	3	ALL	N/A	N	N	Y	Y
<a href="#">AP40013</a>	Energy Conversion and Storage with Machine Learning	3	ALL	N/A	N	N	Y	Y
<a href="#">AP40014</a>	Imaging: Detector, Display and Processing	3	ALL	N/A	N	N	Y	Y
<a href="#">AP40023</a>	Materials Modelling by Density Functional Theory	3	ALL	N/A	N	N	Y	Y

#### Remarks:

\* Eligible Student Type

'ALL' = open to all exchange/short-term non-local study students including those admitted to other departments

'Dept' = open to exchange/short-term non-local study students who are admitted to this department only

\*\* Limitation

'N/A' = open to all exchange/short-term non-local study students

'(programme code and/or stream code)' = only open to exchange/short-term non-local study students who are enrolled in specific discipline/stream/programme