

## FAQs

- Why to choose Energy for higher education leaving the core/mainstream subjects (Physics/Chemistry/Mathematics)

The current global focus is mainly on energy crisis, energy economics and alternatives. The potential for research in energy related areas are very promising. This course enables students to get into early research and get themselves aligned to research in the field of energy.

- Compatibility with the department, as the students come from different background with various choice of subjects at undergraduate (B.Sc.) level

Students with B.Sc. background have the essential knowledge of the basic sciences. The course structure in M.Sc. is such that, the students get trained in various aspects of energy irrespective of their alternate backgrounds.

- Job prospects with dual degree in Energy

With the rising energy concerns and different renewables competing, the energy area is receiving a boom. Thus the future of every researcher is secured.

- Opportunities for a student to get a job or post-doctoral position abroad

A student gets familiar to international research platforms through international projects, journals, conferences, workshops, collaborations, student exchange programs and many more. These essentially help the students to build a strong future in different fields both in India and abroad. Most of the alumni of the department are doing well and are either working in companies or holding post doc positions at good institutions.

- Option to leave the programme after the completion of M.Sc.

There is no option to exit in between the program. However, if the student has a low CPI (<6.5) he/she has to leave the course with a M.Sc. (Energy) degree, as per institute norms.

- Uncertainty over the time duration for completion of the M.Sc.-Ph.D. programme (7 years)

The time duration is divided as 2.5 years of M.Sc. and  $\geq 3$  years of PhD. The completion time depends upon the individual's interest, dedication and passion towards research.

- Course structure during M.Sc., regarding seminars, assignments, tutorials, mid, end and in-semester examinations

The current M.Sc.-PhD course curriculum can be found via the following link:  
<http://www.es.e.iitb.ac.in/academics/course-structure-dual-degree-msc-phd>

- Criteria for the fellowship during the M.Sc. tenure

Fellowship will be provided both during M.Sc as well as Ph.D tenure. During M.Sc. the student need to maintain the  $CPI \geq 6.5$ . In case it drops below limit, he/she can retrieve it by improving the CPI by next semester.

- Compatibility of choosing a PhD topic and corresponding faculty

During M.Sc. the student is trained in such a manner that he/she can get into any field irrespective of the background. However, getting into a particular research field entirely depends upon the student's interest and compatibility. He/she is free to select the topic and guide of choice in the department.

- Availability of the electives during M.Sc. which are related to the PhD topic of the student

The department runs a variety of elective courses covering various fields related to energy that helps in to get into a PhD topic. These electives can be helpful during their M.Sc. project work as well as for Ph.D. The complete list of approved electives can be found in this link: <http://www.es.e.iitb.ac.in/academics/dept-approved-electives>

- Publication trends in department

There are a lot of publications from the department over the last few years in international journals and conferences.

- Choice of pursuing the research in the international laboratories (internships, collaborations etc.)

The department runs several projects under respective faculties which offers internships, exchange programs etc. at international laboratories.

- Availability of funds for attending conferences, workshops etc.

Both the institute and the department provides financial assistance to attend conferences/workshops.