



Approved in 39th BoA Meeting (25-03-2021)

Course Number : ME 501P
Course Name : Practicum-I
Credits : 0-0-6-3
Prerequisites : None
Intended for : Only for M.Tech.
Distribution : Core for M.Tech in Fluid and Thermal Engineering
Semester : Winter Break

Preamble - After completing one semester of course work at IIT Mandi, the students will be exposed to hands-on which will help to develop useful skills, through this course. This skill can include, performing numerical/experiment work in a laboratory, developing some models/products, literature survey, venturing into a new domain, testing the validity of a new idea through experimentation and/or numerical simulations etc. A laboratory will be allotted to every student. This course will end at the start of the even semester. **The Faculty Advisor (FA) will form a committee according to M.Tech. ordinance and conduct presentations to evaluate the work performed in this course.**

Course Modules with Quantitative Lecture Hours:

There are no regular lecture hours or practical classes for this course. It is expected that a student should meet laboratory coordinator regularly and perform the work as per mutual understanding between them.

The assigned work should provide exposure to students. It should help them in choosing relevant problems and defining its objectives. Students should perform small scale work for understanding the current level of development in the area of problem. Based on this they should make some effort for solving a few objectives by applying the learned numerical or experimental skills. Learning of any new skill before applying them should also be counted in the effort of the students.

3. Text Book:

There is no text book for this course.

4. Reference Books: N.A.

5: Similarity Content Declaration with Existing Course: N.A.

S.N	Course Code	Similarity Content	Approx. % of Content
1			

6: Justification for new course proposal if cumulative similarity content is > 30 %

Not Applicable