

COURSE INFORMATION

Course Name

Interactive Socio-technical Practicum (ISTP)

Course Code

DP301P

Credits

0-0-8-4

Students intended for

B.Tech. (third year)

Category

Elective

Semester

Even

Pre-requisite

IC201P (Design Practicum)

Basket

Design and innovation

TEACHING MODULES

The aim of the following modules is to introduce students to basic ideas and structure of research projects that are socio-technical in nature.

1. **Introduction to Social Science research** : This module deals with the basic question - "What is research?". It also covers the trajectories of research (i.e. formal methods/case studies etc.). This module also deals with distinguishing 'normative' and 'empirical' research and the research design.
2. **Ethics in Social Science research** : This module will deal ethical issues involved in the Social Sciences with specific focus on field researches.
3. **How to write a proposal** : This module is very specific in nature and deals with the methods of converting ideas in to a proposal.
4. **Research methods** : This module will cover the major trends and would expose the students to various research methods available, specifically quantitative and qualitative methods.
5. **Review of proposal and evaluation of work done** : This module will help students in understanding how they can review their work and evaluate the work done.

CLASS METHODOLOGY

- **Lectures** :
All lectures will be covered within seven weeks of the course start.
- **Field work** :
 - Field work is supposed to be done outdoors, wherein the students interact with the society.
 - Maintain uniform notebooks for data collection (notebooks to be submitted at the end of the semester).
 - Use audio recordings, video recordings, photos, etc. (to be submitted at the end of the semester).
 - Document the work well in a structured way!
- **Meeting with faculty mentors** :
Have periodical meetings with the faculty mentors and discuss the project.
- **Review meeting with coordinators and faculty mentors** :
Once in a month there will be a meeting to review the work done by the students during the month and to know the plans for the next month.

EVALUATION PATTERN

Review meetings

30% (by faculty mentors)

Mid-term presentation

20% (by internal evaluation committee)

Open house

20% (by external evaluation committee)

Final presentation

20% (by internal evaluation committee)

Executive summary

10% (by faculty mentors)

GUIDELINES

- Only reasonable expenditure as approved by the faculty mentor will be reimbursed. The maximum amount that can be reimbursed per team is Rs. 10,000/- upon production of receipts.
- The students need to get prior written approval (by email) from the faculty mentor before travelling outside of Mandi. This is to make sure that their visit is official and any emergencies could be treated in the same way as they are on duty.
- No food, tea or other expenses incurred during the travel will be reimbursed. However, when travelling outside of Mandi (beyond a radius of 20 km with center as Kamand), the students are eligible for a daily allowance (per diem) of Rs. 100/- per student if their travel time is over 8 hours, as stated by the faculty mentor.
- Accommodation expenses with justification can be reimbursed at a reasonable rate, as stated by the faculty mentor.