



(As per NEP 2020)

Syllabus for Vertical-6

Board of Studies - Information Technology

UG Second Year Programme

Semester	III/IV
Title of Paper	Field Project
Credits	2
From the Academic Year	2025-2026

Guidelines for Field Project (FP)

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1. Introduction:

One of the main objectives of NEP 2020 is to improve employability of students at the same time to nurture better understanding of socio-economic context. With introduction of NEP 2020, the higher education programs in India are gearing up to combine theoretical learning with practical application. NEP 2020 report emphasizes on giving exposure to students to understand development related issues in urban and rural areas. Field project work will provide students opportunity to visit and observe situation in rural and urban contexts, students are expected to observe and study actual field situations in socio economic contexts while doing their field work. It will improve opportunities to understand interconnect between theoretical knowledge and practical applications. Field project is expected to enhance their sensitivity to socio economic issues and improve their ability of problem solving as well as designing innovative solutions to the existing and emerging problems. Field project component will broaden the possibilities of deeper learning and enhancing research acumen of students. Field project broadens opportunities of social responsibility, environmental sustainability, nation building and peace.

2. Objectives

Field project program in general sets out to achieve objectives such as:

1. Align classroom learnings with awareness about socio-economic conditions.
2. Provide students with exposure to socio economic conditions and align their experiences with contemporary problems.
3. Integrating theoretical and practical modes blended learning under the guidance of their faculty.
4. Enhance research skills including knowledge discovery, analytical tools, methodologies, and ethical conduct.
5. Facilitate problem-solving, decision-making, teamwork, and collaboration.
6. Foster ability to work in team, develop social awareness and nurture human values among students.
7. Encourage collaboration between Higher Education Institutes (HEIs), social organization, Government and non-government institutes for better implementation of Field project.

3. Outcomes:

After the completion of the FP program, the student will be able to;

1. Apply concepts learned in classrooms to real-world socioeconomic conditions enhancing their understanding and skills.
2. Show insights into the challenges, opportunities and culture of socioeconomic diversity, preparing them for future role as responsible citizens.
3. Demonstrate evidence of research aptitude and skills of critical thinking, analytical skills, and ethical research conduct in field work.
4. Display problem-solving abilities in making informed decisions in complex scenarios through practical situations.
5. Work in teams and collaborate to achieve common goals in the work field environments through collaborative efforts.
6. Show integrity in their dealings with their work and the people that they interact with by upholding professional; principles and ethical standards.

4. Indicative list of areas for FP:

The areas of field work can be decided by the head of the institution in consultation with the faculty in respective subjects.

5. Role and responsibilities

Head of the Department (HOD):

1. Allotment of guides for the students for field project should be done by Head of the Department/Director/Principal of the institute as the case may apply.
2. While allocating the students under more than one guide- the principle of fairness in distribution should be followed.
3. In case the number of in- house guides are not adequate then students can be allotted to competent external experts.
4. To ensure that FP program aligns with departmental and academic objectives.
5. To provide resources and assistance to ensure effective supervision.

FP Coordinator:

1. To oversee the quality and effectiveness of the FP program.
2. To establish mechanisms for evaluating the program and making improvements.
3. To act as a liaison between the department, students, faculty mentors and FP supervisors (Host institute/ organization).

Student Coordinators:

To help the FP coordinator in pre-, during and post-FP activities.

Faculty Mentor:

1. To give Guidelines for Students to meet the guide periodically to discuss the field project.
2. To assist in identifying FP opportunities.
3. To monitor student progress and provide guidance.
4. To review and approve FP plans and to take regular feedback on student's engagement.
5. To collect and review progress reports.
6. To evaluate FP documentation including reports, presentations, or other required deliverables (if applicable).

6. Process of FP implementation:**Flow chart**

1. Formation of FP Committee
2. Appointment of Coordinators
3. Field project orientation by the FP committee
4. Allotment of students as per guidelines
5. Execution of FP
6. Evaluation
7. Student Feedback

Mechanism for the implementation of FP:

1. To facilitate effective implementation of the FP program, Colleges/Departments/Institutes are encouraged to establish FP committee responsible for overseeing its smooth functioning. It

will consist of the following: Head of the department, FP Coordinator, Faculty Mentors and one/two student coordinators.

2. One teaching faculty member and one/two students from each undergraduate department will be nominated to serve as coordinators for the FP program. These coordinators will play

a crucial role in coordinating and implementing the program within their respective departments.
3. The teacher coordinator will take the lead in preparing an action plan for the implementation of the FP program.
4. To streamline the administrative process, the Department/Centre will provide necessary formats to students for documentation related to the program.
5. Each Department/Centre must ensure collaborations with 8-10 relevant organizations, industries, or research institutes. These collaborations will serve as crucial avenues for facilitating FP opportunities for students.
6. Effective communication is key to the success of the FP program. Regular communication with heads and coordinator of the department/centre/Institute and maintaining proper records is essential. This faculty mentor and individual student will also be responsible for maintaining relevant documents related to the program.
7. Before the commencement of the FP program, an orientation session will be conducted by the Head of Department. This session will serve to familiarize students with the purpose, process, and code of conduct associated with the program.
8. To ensure effective mentoring and support, an equal number of students will be allocated to each faculty member of the department. These faculty members will act as FP mentors and will be responsible for monitoring and evaluating the progress of the allotted students.
9. Throughout the FP period, students will maintain activity reports as per the provided format and get it validated by the supervisor.
10. Upon completion of the FP program, students must submit a completion certificate duly signed by the faculty supervisor.

7.Credits and duration:

1. FP will carry weightage of two credits.
2. Each student is required to complete a minimum of 2-3 field visits.

3. The FP program is to be completed during Semester II. According to the guidelines outlined in the National Education Policy (NEP), undergraduate students are expected to fulfill this requirement either within the second semester of their UG program or during the semester break following the second semester.

8. Project (Dissertation) Report:

Students are required to submit a report of the field project at the end of the semester in following suggested format.

All projects should be typed on *A4 sheets, Font Size 12, Times New Roman, one and a half spacing on executive bond paper*. The project report shall have appropriate chapter scheme and be presented in minimum of 20 pages.

Report should be arranged in the following manner.

TitlePage

- Title of the Report (Font size 14)
- Name of the Student
- Roll number/Seat number
- Program Title
- Name of the Mentor
- Month of Submission

Certificate by the Institute

Certificate by Mentor

Student's Declaration

Acknowledgement

Abstract

A brief summary of the field visit, key observations, and main conclusions (200-300 words)

Table of contents

- Include headings and subheadings with page numbers.

List of Figures and Tables

- List all figures and tables included in the report with corresponding page numbers.

Chapter1: Introduction

- Purpose of the visit: Outline the objectives and expected outcome of the field visit. ●
Background Information: Provide context about the site(s) visited, including historical and cultural significance.
- Scope of the Report: Define the boundaries of what the report will cover.

Chapter2: Literature Review

- Review relevant literature on the site(s) visited, focusing on previous studies, historical accounts, and critical analyses of the literary significance.

Chapter 3: Methodology

- Describe the approach and tools used for data collection during the visit (e.g., observational methods, interviews, archival research).
- Discuss the rationale behind the chosen methods.

Chapter 4: Field Work Descriptions, Observations and Analysis

- Provide detailed descriptions of each site visited/ Field work carried out.
- Include observations related to fieldwork: work's-relevance to topic selected.
- Use photographs, diagrams, and sketches, etc. to support the descriptions.
- Analyze the data collected in relation to the study objectives.

Chapter 5: Conclusion and Recommendations

- Discuss how the findings from the visit contribute to the understanding of subject area.
- Summarize the key findings and their significance.
- Offer recommendations based on the research findings for further study or preservation efforts.

References

- List all sources cited in the report in a consistent format.

Appendices

- Include additional data, interview transcripts, notes, or documents that are relevant to the report but not integral to its main text.

9. Evaluation Pattern

Evaluation during the FP program involves two key components: External Evaluation (40%) and Internal Evaluation (60%).

(i) Internal Evaluation by Guide (Marks 20)

Criteria	Marks
Field visit completion, Attendance and interaction	10
Overall Report quality	10
Total	20

(ii) External Evaluation (Marks 30)

Criteria	Marks
Objectives, Literature Review, Methodology, Data Analysis, Conclusion and Recommendations	15
Overall Project Report Structure and Style	5
Presentation Skills & Communication	10
Total	30

Appendix I
GUIDE INTERACTION DIARY FORM

I, the undersigned Ms /Mr. _____ Roll
No. _____ studying in the _____ Year of _____ Full
time Course is doing my project work under the guidance of Dr./Ms./Mr.

_____, wish to state that I have met my Internal guide
on the following dates mentioned below for Project Guidance:-

Sr.No.	Date	Signature of the Internal Guide

Signature of the Candidate

Signature of Internal Guide

IMPORTANT: It is expected that student will be meeting their guide at least five times for the project work interaction. The candidate should retain the above stated 'Project Guide Interaction Certificate Form' and submit the same with required signatures of the guide while submitting the Project to the Institute.

THE PROJECT REPORT WILL NOT BE ACCEPTED WITHOUT THE DULY FILLED
PROJECT GUIDE INTERACTION CERTIFICATE.

Appendix II

Main Page Format of Project Report

Title of the Project

Name of the Student

(Name of Academic Course and Academic Year Details)

Example: Masters in Management Studies

Under the Guidance of

Name of Guide

Name of the Department/College/Institute

Academic Year – 2024-25

Appendix III

Name of the Department/College/Institute

Certificate

I hereby certify that Mr./Ms. _____, Student of
_____Institute studying in
_____, has completed a project titled
_____ in the area of
_____specialization for the academic year 2024-2025. To
the best of my knowledge the work of the student is original and the information included in
the project is correct.

Internal Guide

Head of the Department

Principal

Annexure IV

Declaration

I, Mr./Ms. _____ Student of
_____Institute studying in
_____, hereby declare that I have completed the field
project entitled _____ during the academic year
2024-2025.

The report work is original and the information/data included in the report is true emerging from the primary and/ secondary data gathered and analyzed as part of this project.

Due credit is extended on the work of Literature/Secondary Survey by endorsing it in the Bibliography as per prescribed format.

Signature of the Student with Date

Name of Student

Annexure V

Student Feedback on FP

(To be filled by Students after FP completion)

Student Name:

Seat No. /Roll No.:

Email:

Department:

Name of the Mentor:

Title/Heading of Field Project:

Brief description of FP carried out:

Dates of FP:

Was your internship experience related to your major area of study?

- Yes, to a large degree
- Yes, to a slight degree
- No, not related at all

Indicate the degree to which you agree or disagree with the following statements.

This experience has:	Strongly Agree	Agree	No opinion	Disagree	Strongly Disagree
Given me the opportunity to explore a career field					
Allowed me to apply classroom theory to practice					
Helped me develop my decision-making and problem-solving skills					
Expanded my knowledge about the work world before permanent employment					
Helped me develop my written and oral communication skills					
Provided a chance to use leadership skills (influence others, develop ideas with others, stimulate decision-making and action)					
Expanded my sensitivity to the ethical implications of the work involved					
Made it possible for me to be more confident in new situations					
Given me a chance to improve my interpersonal skills					

Helped me learn to handle responsibility and use my time wisely					
Helped me discover new aspects of myself that I didn't know existed before					
Helped me develop new interests and abilities					
Helped me clarify my career goals					
Allowed me to acquire information and/ or use equipment not available at my Institute					
Allowed me to realize socio-economic issues in the society					

- In the Institute FP program, faculty members are expected to be mentors for students. Do you feel that your faculty mentor served such a function? Why or why not?
- How well were you able to accomplish the initial goals, tasks and new skills that were set down in your learning contract? In what ways were you able to take a new direction or expand beyond your contract? Why were some goals not accomplished adequately?
- In what areas did you most develop and improve?
- What has been the most significant accomplishment or satisfying moment of your FP?
- What did you dislike about the FP?
- Considering your overall experience, how would you rate this FP? (Circle one). –
Satisfactory/ Good/ Excellent
- Give suggestions as to how your FP experience could have been improved. (Could you have handled added responsibility? Would you have liked more discussions with your professor concerning your FP? Was closer supervision needed? Was more of an orientation required?)

Signature of Student

Name

Date: