Vidyavardhini's College of Engineering & Technology

Department of
Computer Engineering

Final Year Project Record Book

Academic Year: 2021 - 2022
Semester: VII and VIII

Name of Students: Pranjal Mane 76

Hemangi Jadhav 75

Gopikha Menon 37

Project Guide: Prof. Sanket Patil

Project Co-Guide:

Vidyavardhini's College of Engineering & Technology

Vision

To be a premier institution of technical education; aiming at becoming a valuable resource for industry and society.

Mission

- To provide technologically inspiring environment for learning.
- To promote creativity, innovation and professional activities.
- To inculcate ethical and moral values.
- To cater personal, professional and societal needs through quality education.

Department Vision:

To evolve as a center of excellence in the field of Computer Engineering to cater to industrial and societal needs.

Department Mission:

- To provide quality technical education with the aid of modern resources.
- Inculcate creative thinking through innovative ideas and project development.
- To encourage life-long learning, leadership skills, entrepreneurship skills with ethical & moral values.

Program Education Objectives (PEOs):

PEO1: To facilitate learners with a sound foundation in the mathematical, scientific and engineering fundamentals to accomplish professional excellence and succeed in higher studies in Computer Engineering domain

PEO2: To enable learners to use modern tools effectively to solve real-life problems in the field of Computer Engineering.

PEO3: To equip learners with extensive education necessary to understand the impact of computer technology in a global and social context.

PEO4: To inculcate professional and ethical attitude, leadership qualities, commitment to societal responsibilities and prepare the learners for life-long learning to build up a successful career in Computer Engineering.

Program Specific Outcomes (PSOs):

PSO1: Analyze problems and design applications of database, networking, security, web technology, cloud computing, machine learning using mathematical skills, and computational tools.

PSO2: Develop computer-based systems to provide solutions for organizational, societal problems by working in multidisciplinary teams and pursue a career in the IT industry.

Program Outcomes (POs):

Engineering Graduates will be able to:

- **PO1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **PO2. Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **PO3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **PO4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **PO5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **PO6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **PO7. Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **PO8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **PO9. Individual and teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **PO10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **PO11. Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **PO12. Life-long learning:** Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Table of Content

Syllabus of Project Stage I [Sem-VII]

University of Mumbai, B. E. (Computer Engineering), Rev. 2016 Page No.110

Course Code	Title	Credit	Term Work (TW)	Oral & Practical
CSP705	Major Project- I	3	50	25

Objective: The Project work enables students to develop further skills and knowledge gained during the program by applying them to the analysis of a specific problem or issue, via a substantial piece of work carried out over an extended period. For students to demonstrate proficiency in the design of a research project, application of appropriate research methods, collection and analysis of data and presentation of results.

Guidelines:

1. **Project Topic:**

- To proceed with the project work it is very important to select a right topic. Project can be undertaken on any subject addressing IT program. Research and development projects on problems of practical and theoretical interest should be encouraged.
- Project work must be carried out by the group of at least two students and maximum three and must be original.
- Students can certainly take ideas from anywhere, but be sure that they should evolve them in the unique way to suit their project requirements.
- The project work can be undertaken in a research institute or organization/company/any business establishment.
- Student must consult internal guide along with external guide (if any) in selection of topic.
- Head of department and senior staff in the department will take decision regarding selection of projects.
- Student has to submit weekly progress report to the internal guide and whereas internal guide has to keep track on the progress of the project and also has to maintain attendance report. This progress report can be used for awarding term work marks.
- In case of industry projects, visit by internal guide will be preferred.

2. **Project Report Format:**

At the end of semester a project report should preferably contain at least following details:-

- Abstract
- Introduction
- Literature Survey
    - Survey Existing system
    - Limitation Existing system or research gap
    - Problem Statement and Objective
    - Scope

- Proposed System
    - Analysis/Framework/ Algorithm
    - Details of Hardware & Software
    - Design details
- Methodology (your approach to solve the problem)
- Implementation Plan for next semester
- Conclusion
- References

3. Term Work:

Distribution of marks for term work shall be as follows:

a. Weekly Attendance on Project Day

b. Project work contribute

c. Project Report (Spiral Bound)

d. Term End Presentation (Internal)

The final certification and acceptance of TW ensures the satisfactory performance on the above aspects.

4. Oral & Practical:

Oral &Practical examination of Project-I should be conducted by Internal and External examiners

Syllabus of Project Stage I [Sem-VIII]

University of Mumbai, B. E. (Computer Engineering), Rev. 2016 Page No.149

Course Code	Title	Credit	Term Work (TW)	Oral & Practical
CSP805	Major Project- II	6	50	50

Objective: The primary objective is to meet the milestone s formed in the overall project plan decided in Project - I. The idea presented in Project -I should be implemented in Project -II with results, conclusion and future work. The project will culminate in the production of a thesis by each individual student.

Guidelines: Project Report Format: At the end of semester a student need to prepare a project report should be prepared as per the guidelines issued by the University of Mumbai. Along with project report a CD containing: project documentation, Implementation code, required utilities, Software's and user Manuals need to be attached.

Term Work: Student has to submit weekly progress report to the internal guide and whereas internal guide has to keep track on the progress of the project and also has to maintain attendance report. This progress report can be used for awarding term work marks. In case of industry projects, visit by internal guide will be preferred to get the status of project. Distribution of marks for term work shall be as follows:

a) Weekly Attendance on Project Day

b) Project work contributions as per objective

c) Project Report (Hard Bound)

d) Term End Presentation (Internal)

The final certification and acceptance of TW ensures the satisfactory performance on the above aspects.

Oral & Practical: Oral & Practical examination of Project- II should be conducted by Internal and External examiners approved by University of Mumbai. Students have to give presentation and demonstration on the Project-II.

Course Objectives

1.	To facilitate students to explore their selected area with extensive literature survey.
2.	To promote innovative ideas to fulfill industry and society needs.
3.	To encourage students to work in multi-disciplinary areas.
4.	To inculcate designing skills using modern tools and team building capabilities with efficient management skills.
5.	To enable students utilize the available resources like laboratories, library and staff expertize efficiently.
6.	To enhance technical writing and presentation skills in students with ethical values.

Course Outcomes

At the end of the course student will be able to:		PO / PSO
CPP701.1 CPP802.1	Explore beyond the curriculum to identify problem of society, industrial or research needs; investigate the problem through in-depth literature survey and propose appropriate solution to solve the problem.	PO1 to PO8, PO12, PSO1, PSO2
CPP701.2 CPP802.2	Implement the methodology with modern tools and provide sustainable solution with effective utilization of the resources available.	PO1 to PO9. PO11, PO12 PSO1, PSO2
CPP701.3 CPP802.3	Analyze and compare the results with the standard results.	PO1 to PO8, PO11, PO12, & PSO1, PSO2
CPP701.4 CPP802.4	Work as an individual and contribute as a team member with effective management skills to achieve a common objective.	PO8 to PO12, PSO1, PSO2
CPP701.5 CPP802.5	Write and present their work effectively with ethical values.	PO8 to PO12, PSO1, PSO2
CPP701.6 CPP802.6	Engage themselves in area of their interest applying the knowledge gained and explore new technical trends.	PO1 to PO12, PSO1, PSO2

Project Group Details

Title of the Project:	Crime Scene : Crime Prediction and Analysis
Details of Students:	Name: Pranjal Mane Mobile No.: 7507892153 E-mail id: pranjalmane10@gmail.com
	Name: Hemangi Jadhav Mobile No.: 7972920927 E-mail id: jadhavhemangi2001@gmail.com
	Name: Gopikha Menon Mobile No.: 7028010831 E-mail id: gopikha25@gmail.com
Project Guide:	Prof. Sanket Patil
Project Co-Guide:	
Details of Company: (For industry sponsored Projects)	Name: _____ Contact Person: _____ Contact No.: _____ E-mail id: _____

Brief Description of the Project

Description:

Crimes are the significant threat to the humankind. This project aims towards common people or public to help them in their lives by notifying them the current situation of their surroundings. Developing an android application that sets forth the numerous crime hotspots all over India to the user when the location is specified accompanied with latest newsletter and effortless crime reporting. Crime analysis and prediction is a systematic approach for identifying patterns and trends in crime. The crime rate prediction strategies can be applied on historical data available in the police records by examining the data at various angles like reason of crime, frequency of similar kind of crimes at specific location with other parameters**.**

Important stages:

- Predicting surges and hotspots of crime, and
- Understanding patterns of criminal behaviour that could help in solving criminal investigations.
- Predicting crime before it takes place.
- Predicting hotspots of crime.
- Understanding crime pattern.
- Classify crime based on location.

Analysis of crime.

Software/Hardware Requirements:

- Android Studio
- Flutter SDK
- Windows OS

Weekly Attendance

Stage I (Sem VII)

Name	1	2	3	4	5	6	7	8
Pranjal Mane	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**
Hemangi Jadhav	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**
Gopikha Menon	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**

Name	9	10	11	12	13	14	15	16
Pranjal Mane	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**
Hemangi Jadhav	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**
Gopikha Menon	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**

Stage II (Sem VIII)

Name	1	2	3	4	5	6	7	8

Name	9	10	11	12	13	14	15	16

Project Progress Reports of Stage I

Sem VII / Week – 01 Date :_27/6 to 3/7

Progress Achieved:

- Reading IEEE papers related crime prediction , analysis , machine learning algorithms for prediction
- Studied the IEEE papers
- Defined Problem statement for project

Remarks/Work Assigned:

Guide: Prof. Sanket Patil Co-Guide:

Sem VII / Week – 02 Date : 4/7 to 10/7

Progress Achieved:

- Initial Survey
- Literature review
- Study and co relating different references

Remarks/Work Assigned:

Guide: Prof. Sanket Patil Co-Guide:

Project Progress Reports of Stage I

Sem VII / Week – 03 Date : 11/7 to 17/7

Progress Achieved:

- Group Meeting
- Decided Hardware and Software requirements
- Discussed among the group members regarding all research made by individuals based on project
- Also found some datasets for project
- Finalized the dataset to be used

Remarks/Work Assigned:

Guide: Prof. Sanket Patil Co-Guide:

Sem VII / Week – 04 Date : 18/7 to 24/7

Progress Achieved:

- Deciding methodology to be used
- Guide Approval
- Discussed the project and methodology to be followed with the guide

Remarks/Work Assigned:

Guide: Prof. Sanket Patil Co-Guide:

Project Progress Reports of Stage I

Sem VII / Week – 05 Date : 25/7 to 31/7

Progress Achieved:

Deciding algorithms to be used

Remarks/Work Assigned:

Guide: Prof. Sanket Patil Co-Guide:

Sem VII / Week – 06 Date : 1/8 to 7/8

Progress Achieved:

Prepared detailed schedule for project
Learning Algorithms

Remarks/Work Assigned:

Guide: Prof. Sanket Patil Co-Guide:

Project Progress Reports of Stage I

Sem VII / Week – 07 Date : 8/8 to 14/8

Progress Achieved: Learning Flutter   Remarks/Work Assigned:
Guide: Prof. Sanket Patil Co-Guide:

Sem VII / Week – 08 Date : 15/8 to 21/8

Progress Achieved: Implementing Algorithms   Remarks/Work Assigned:
Guide: Prof. Sanket Patil Co-Guide:

Project Progress Reports of Stage I

Sem VII / Week – 09 Date :22/8 to 28/8

Progress Achieved: Implementing Algorithms Remarks/Work Assigned:
Guide: Prof. Sanket Patil Co-Guide:

Sem VII / Week – 10 Date :_29/8 to 4/9

Progress Achieved: Trying to solve errors in implementation Remarks/Work Assigned:
Guide: Prof. Sanket Patil Co-Guide:

Project Progress Reports of Stage I

Sem VII / Week – 11 Date : 5/9 to 11/9

Progress Achieved: Testing the prediction output Remarks/Work Assigned:
Guide: Prof. Sanket Patil Co-Guide:

Sem VII / Week – 12 Date : 12/9 to 18/9

Progress Achieved: Implementing daily news feature Remarks/Work Assigned:
Guide: Prof. Sanket Patil Co-Guide:

Project Progress Reports of Stage I

Sem VII / Week – 13 Date : 19/9 to 25/9

Progress Achieved: Continue with implementing daily news feature Remarks/Work Assigned:
Guide: Prof. Sanket Patil Co-Guide:

Sem VII / Week – 14 Date : 26/9 to 2/10

Progress Achieved: Solving the error in implementation Remarks/Work Assigned:
Guide: Prof. Sanket Patil Co-Guide:

Project Progress Reports of Stage I

Sem VII / Week – 15 Date :_3/10 to 9/10

Progress Achieved: Testing the implementation Remarks/Work Assigned:
Guide: Prof. Sanket Patil Co-Guide:

Sem VII / Week – 16 Date : 10/10 to 16/10

Progress Achieved: Testing the implementation Again checking the implemented part of project Remarks/Work Assigned:
Guide: Prof. Sanket Patil Co-Guide:

Project Progress Reports of Stage II

Sem VIII / Week – 01 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Sem VIII / Week – 02 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Project Progress Reports of Stage II

Sem VIII / Week – 03 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Sem VIII / Week – 04 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Project Progress Reports of Stage II

Sem VII I/ Week – 05 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Sem VIII / Week – 06 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Project Progress Reports of Stage II

Sem VIII / Week – 07 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Sem VIII / Week – 08 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Project Progress Reports of Stage II

Sem VIII / Week – 09 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Sem VIII / Week – 10 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Project Progress Reports of Stage II

Sem VIII / Week – 11 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Sem VIII / Week – 12 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Project Progress Reports of Stage II

Sem VIII / Week – 13 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Sem VIII / Week – 14 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Project Progress Reports of Stage II

Sem VIII / Week – 15 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Sem VIII / Week – 16 Date :_____ to _____

Progress Achieved: Remarks/Work Assigned:
Guide: Co-Guide:

Project Showcase / Publication Record

* Attach the proof of the same.

Performance Criteria

Sr. No.	Performance Criteria	Markers
1	Initial survey	• Efforts taken to identify the project idea through proper survey
2	Progressive survey	• Efforts taken to overcome difficulties during the project progress through proper survey
3	Application of project	• Application towards societal, academic, environmental needs etc.
4	Literature survey	• Quality • Understanding • Analysis • Learning new technology/methods
5	Project detailing	• Road map • Design of system (including block diagram/ flowchart/ circuit design) • Hardware/software selection
6	Implementation	• Project implementation • Testing & trouble shooting • Final integration
7	Regularity	• Regular reporting to guide/co-guide
8	Completion of work Assigned	• Timely completion of the assigned work by guide/co-guide
9	Proficiency in Hardware/Software	• Proficiency in Hardware/Software tools used in the project
10	Teamwork	• Contribution as a team member • Co-ordination • Leadership
11	Ethical values	• Maintaining ethical values in reporting the work done
12	Presentation 1 & 2	• Communication & presentation skills • Understanding • Completion • Demonstration
13	Quality of report	• Content • Formatting • Referencing • Plagiarism check

In-semester Evaluation of Stage I

Name of Student	Performance Criteria	Marks	Member 1	Member 2	Member 3	Guide	Co-Guide	Average
	Initial survey	--	--	--	--			
	Progressive survey	-	--	--	--			
	Application of project	--	--	--	--			
	Presentation 1	20						
	Project Detailing	10						
	Implementation	30						
	Regularity	5						
	Completion of work assigned	5						
	Proficiency in Hardware/Software	10						
	Teamwork	5						
	Ethical values	5						
	Presentation 2	20						
	Presentation 3	20						
	Quality of report	20						
	Total Marks (Out of 150)							
	Marks Out of 50							
	Initial survey	--	--	--	--			
	Progressive survey	-	--	--	--			
	Application of project	--	--	--	--			
	Presentation 1	20						
	Project Detailing	10						
	Implementation	30						
	Regularity	5						
	Completion of work assigned	5						
	Proficiency in Hardware/Software	10						
	Teamwork	5						
	Ethical values	5						
	Presentation 2	20						
	Presentation 3	20						
	Quality of report	20						
	Total Marks (Out of 150)							
	Marks Out of 50							

Member 1 Member 2 Member 3 Guide Co-Guide

In-semester Evaluation of Stage I

Name of Student	Performance Criteria	Marks	Member 1	Member 2	Member 3	Guide	Co-Guide	Average
	Initial survey	--	--	--	--			
	Progressive survey	-	--	--	--			
	Application of project	--	--	--	--			
	Presentation 1	20						
	Project Detailing	10						
	Implementation	30						
	Regularity	5						
	Completion of work assigned	5						
	Proficiency in Hardware/Software	10						
	Teamwork	5						
	Ethical values	5						
	Presentation 2	20						
	Presentation 3	20						
	Quality of report	20						
	Total Marks (Out of 150)							
	Marks Out of 50							
	Initial survey	--	--	--	--			
	Progressive survey	-	--	--	--			
	Application of project	--	--	--	--			
	Presentation 1	20						
	Project Detailing	10						
	Implementation	30						
	Regularity	5						
	Completion of work assigned	5						
	Proficiency in Hardware/Software	10						
	Teamwork	5						
	Ethical values	5						
	Presentation 2	20						
	Presentation 3	20						
	Quality of report	20						
	Total Marks (Out of 150)							
	Marks Out of 50							

Member 1 Member 2 Member 3 Guide Co-Guide

In-semester Evaluation of Stage II

Name of Student	Performance Criteria	Marks	Member 1	Member 2	Member 3	Guide	Co-Guide	Average
	Initial survey	--	--	--	--			
	Progressive survey	-	--	--	--			
	Application of project	--	--	--	--			
	Presentation 1	20						
	Project Detailing	10						
	Implementation	30						
	Regularity	5						
	Completion of work assigned	5						
	Proficiency in Hardware/Software	10						
	Teamwork	5						
	Ethical values	5						
	Presentation 2	20						
	Presentation 3	20						
	Quality of report	20						
	Total Marks (Out of 150)							
	Marks Out of 50							
	Initial survey	--	--	--	--			
	Progressive survey	-	--	--	--			
	Application of project	--	--	--	--			
	Presentation 1	20						
	Project Detailing	10						
	Implementation	30						
	Regularity	5						
	Completion of work assigned	5						
	Proficiency in Hardware/Software	10						
	Teamwork	5						
	Ethical values	5						
	Presentation 2	20						
	Presentation 3	20						
	Quality of report	20						
	Total Marks (Out of 150)							
	Marks Out of 50							

Member 1 Member 2 Member 3 Guide Co-Guide

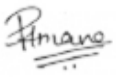
In-semester Evaluation of Stage II

Name of Student	Performance Criteria	Marks	Member 1	Member 2	Member 3	Guide	Co-Guide	Average
	Initial survey	--	--	--	--			
	Progressive survey	-	--	--	--			
	Application of project	--	--	--	--			
	Presentation 1	20						
	Project Detailing	10						
	Implementation	30						
	Regularity	5						
	Completion of work assigned	5						
	Proficiency in Hardware/Software	10						
	Teamwork	5						
	Ethical values	5						
	Presentation 2	20						
	Presentation 3	20						
	Quality of report	20						
	Total Marks (Out of 150)							
	Marks Out of 50							
	Initial survey	--	--	--	--			
	Progressive survey	-	--	--	--			
	Application of project	--	--	--	--			
	Presentation 1	20						
	Project Detailing	10						
	Implementation	30						
	Regularity	5						
	Completion of work assigned	5						
	Proficiency in Hardware/Software	10						
	Teamwork	5						
	Ethical values	5						
	Presentation 2	20						
	Presentation 3	20						
	Quality of report	20						
	Total Marks (Out of 150)							
	Marks Out of 50							

Member 1 Member 2 Member 3 Guide Co-Guide

Project Exit Survey I (Stage I)

Kindly provide your valuable feedback on how well the course outcomes are developed / cultivated in you during your project work.

Name of Student / **Course Outcome**		Pranjal Mane	Hemangi Jadhav	Gopikha Menon
At the end of the course student will be able to:				
CPP701.1	Explore beyond the curriculum to identify problem of society, industrial or research needs; investigate the problem through in-depth literature survey and propose appropriate solution to solve the problem.	3	3	3
CPP701.2	Implement the methodology with modern tools and provide sustainable solution with effective utilization of the resources available.	3	3	3
CPP701.3	Analyze and compare the results with the standard results.	3	3	3
CPP701.4	Work as an individual and contribute as a team member with effective management skills to achieve a common objective.	3	3	3
CPP701.5	Write and present their work effectively with ethical values.	3	3	3
CPP701.6	Engage themselves in area of their interest applying the knowledge gained and explore new technical trends.	3	3	3
Signature				

Enter correlation level 1, 2 or 3 as defined below
1: Slight (Low) 2: Moderate (Medium) 3: Substatial (High)

Project Exit Survey II (Stage II)

Kindly provide your valuable feedback on how well the course outcomes are developed / cultivated in you during your project work.

Name of Student / **Course Outcome**					
At the end of the course student will be able to:					
CPP802.1	Explore beyond the curriculum to identify problem of society, industrial or research needs; investigate the problem through in-depth literature survey and propose appropriate solution to solve the problem.				
CPP802.2	Implement the methodology with modern tools and provide sustainable solution with effective utilization of the resources available.				
CPP802.3	Analyze and compare the results with the standard results.				
CPP802.4	Work as an individual and contribute as a team member with effective management skills to achieve a common objective.				
CPP802.5	Write and present their work effectively with ethical values.				
CPP802.6	Engage themselves in area of their interest applying the knowledge gained and explore new technical trends.				
Signature					

Enter correlation level 1, 2 or 3 as defined below
1: Slight (Low) 2: Moderate (Medium) 3: Substatial (High)