All India Shri Shivaji Memorial Society's
Institute of Information Technology

A Project Orientation Programme

on

August 29-30, 2016

(B. E. Project Guidelines)

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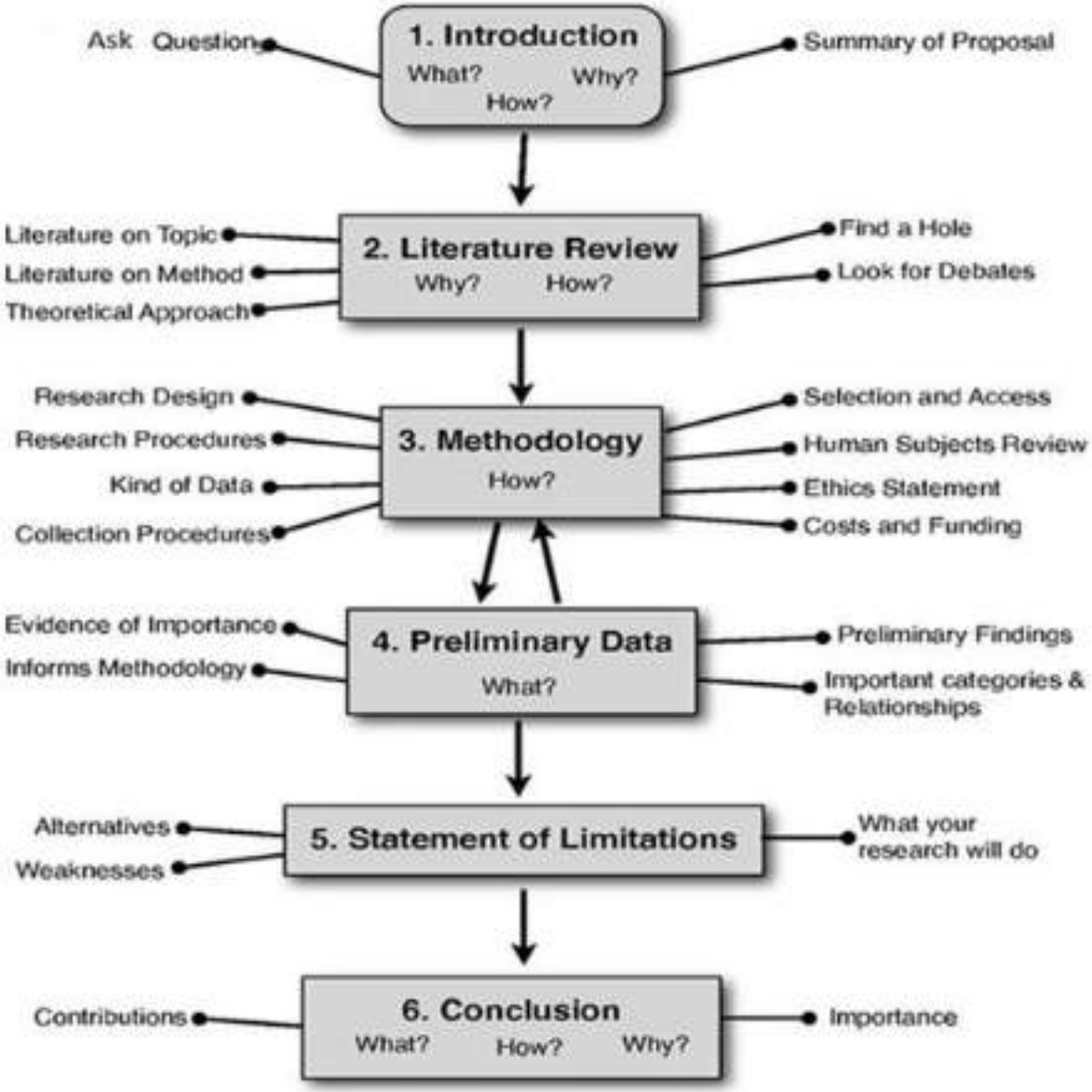
Project Evaluation& Review Committee(PERC)

Course Objectives and Outcomes of the BE Project

1	• To develop student's knowledge for solving technical problems	CO1	Student will able to Apply the knowledge of mathematics, science and engineering fundamentals to the solution of complex engineering problems.
2	• To provide an opportunity to learn about new ideas and concepts	CO2	Student will able to implement practically, ideas/real time industrial problems/ current application of respective engineering branches with the help of knowledge gained during the study from First year to Final year.
3	• To improve Written and Verbal Communication skills	CO3	Student will able to develop verbal and written communication skills through project work.
4	• To analyze, design, and evaluate Engineering System	CO4	Student will able to apply project development skills using industrial experiences, use of state of art technologies and use of modern tools .
5	• To develop the Working products models or prototypes and applications with ethics	CO5	Student will able to apply knowledge for developing applications/products/ research/review projects related to different issues such as safety, ethics, cost standards.
6	• To provide an opportunit to work in team	CO6	Student will able to work in team for participation in National/International paper presentation/publication/project competition activities.

Steps For Transforming Row Ideas into Workable Project Model



Differences among BE Project, M.E. Dissertation, PhD Thesis

Sr. No.	Project	Dissertation	Thesis
	BE	**ME**	**PhD**
1	Sequence of tasks, planned from beginning to end, bounded by time, resources, defined outcome and "deliverables".	It is adequate if one has a decent knowledge of the new discoveries in order to arrive at the conclusion effectively	One has to substantiate the hypothesis with original research work.
2	A projects is not expected to be earth shattering, or potentially even original.	You have to utilize already collected information in order to prepare a dissertation	Thesis is based on the research conducted all by yourself
3	Projects are used to demonstrate that students can draw together their classroom experiences into an applied project.	You have to utilize the research work in order to prove your point	You have to add novel findings to existing literature

SEMESTER-I:Project Phase 1

1. **Project Topic Identification & Selection**
   - Orientation/ Guest lecture / Demonstration/ Training to student
2. **Approval of Project Topic**
   - Submission of Project Synopsis
3. **Guide Allocation**
   - Project groups are allocated to each guide as per Guide's Interested Area
4. **Weekly review of project work**
   - Discussion with guide maintained in Project log book and project booklet.
5. **Progress Monitoring**
   - Pre-seminar/s & Reviewing of First stage of Project work by Departmental Project Evaluation & Review committee(PERC)
6. **Semester-I Exam [Seminar]**
   - Internal/External Examiners observe the progress of project & give the feedback

SEMESTER-II: Project Phase 2

4. • **Feedback &Suggestion given by Examiners are takes into account by Student**

5. • **Progress Monitoring**
   • Review of suggestions and Verification & demonstration of Implementation

6. • **Participation In Project Based Events**
   • Project Exhibition, Poster Presentation, Paper Publication in Journals and conferences

7. • **Pre-Exam Project Evaluation**
   • Demonstration of working model in front of Project Evaluation Committee

8. • **Submission of Project Report**
   • Report in Prescribed format containing all event participation certificate

9. • **University Semester-II Exam**

B.E. Projects-Work Program

Sr. No.	Schedule	Target Dates
1	Finalization of project and submission of synopsis.	01/08/2016
2	Final approval of project Title	8/08/2016
3	Finalization of block diagram and literature survey	19/08/2016
4	Presentation based on the idea of their project and study of at least three existing systems.	25/08/2016
5	Finalization of circuits/ system hardware/ software algorithm	12/09/2016
6	Component list (Budgeting of System)	22/09/2016
7	Presentation based on the work carried out (analysis and design)	30/09/2016
8	Submission of pre-report	03/10/2016
9	Bread board testing and prototype work	10/10/2016
10	Circuit layout and PCB	15/12/2016
11	Hardware assembly	16/01/2017
12	Presentation based on the completion of design and implementation	20/01/2017
13	Presentation based on the complete project including results and analysis.	15/02/2017
14	To send paper to only International Journal	27/02/2017
15	Report Submission and uploading abstract on AICTE portal	30/03/2017

Format of Synopsis

- Institute heading
- Title of Project
- Name of the Student and Guide
- Group no.
- Introduction
- Brief Literature Survey
- Problem Statement
- Objectives
- Methodology
- Block Diagram
- Expected Results
- References (at least 5-6 references)
- Signature of Student and Guide
- Maximum Number of pages for synopsis=3 pages

Format for the Project Report

1. Title Page	15.Methodology
2. Certificate Page	16. Specifications of the System
3. Certificate from Company (Sponsored)	17. Block diagram of the System and its explanation
4. Abstract	18.Hardware Design (if any)
5. Index Page	19. Software Design (if any)
6. Acknowledgements	20. Experimental Result and Its Analysis
7. List of Tables	21. Conclusion
8. List of Figures	22. References
9. List of Abbreviations	23. Summary of project participation and Paper publications.
10.Course objectives and Course outcomes of project	24. Hard copy of published paper at **International Journal and Certificates.**
11. Introduction (2-4 pages)	25. Field visit minutes of meeting and photo (if allowed) for sponsored projects
12. Literature Survey	26..Industrial feedback Form
13. Problem Statement	27.Self assessment sheet
	27. Appendix
14. Objectives	28. CD must attached at the end of the report containing project demo video, presentation, project report ,paper published, certificates

Instructions to Students for Preparing Project Report

- Project Presentation and Project-reports have to be **prepared in LaTeX Only.**

- Project **Schedule** has to be prepared in **PERT/GANTT** chart or Open-workbench software (open access) only.

- All the Figures of their Projects have to be prepared using **CorelDraw or AutoCad or Catia Softwares or Flash or RF Flow or Google-sketch**.

- All the PCBs or Analog/Digital Electronic circuits have to be simulated using **OrCad's schematic, Pspice or Multisim or Proetus.**

Format of the Title Page

A

Project Report On

"AUTOMATIC DRILLING SYSTEM USING PLC"

Submitted By

Mr. PRATIK A. MEHTA (B80254652)
Mr. AKSHAY A. SAGARE (B80254653)
Mr. VAIJANATH S. SAMSE (B80254637)

Guided By

Dr. A. D. RAHULKAR

Bachelor Of Instrumentation Engineering

UNIVERSITY OF PUNE

All India Shri Shivaji Memorial Society's
INSTITUTE OF INFORMATION TECHNOLOGY,PUNE

ACADEMIC YEAR 2013-2014

Format of Certificate

CERTIFICATE

This is to certify that Project Report entitled

"AUTOMATIC DRILLING SYSTEM USING PLC"

Submitted by

Mr. Pratik A. Mehta (B80254652)
Mr. Akshay A. Sagare (B80254653)
Mr. Vaijanath S. Samse (B80254637)

is the record of bonafide work carried out by them in partial fulfillment of the requirement for the award of the Degree of **Bachelor Of Engineering (Instrumentation and Control)** as prescribed by the University of Pune in the Academic Year 2013-2014.

Prof. Dr. A. D. Rahulkar
(Guide)

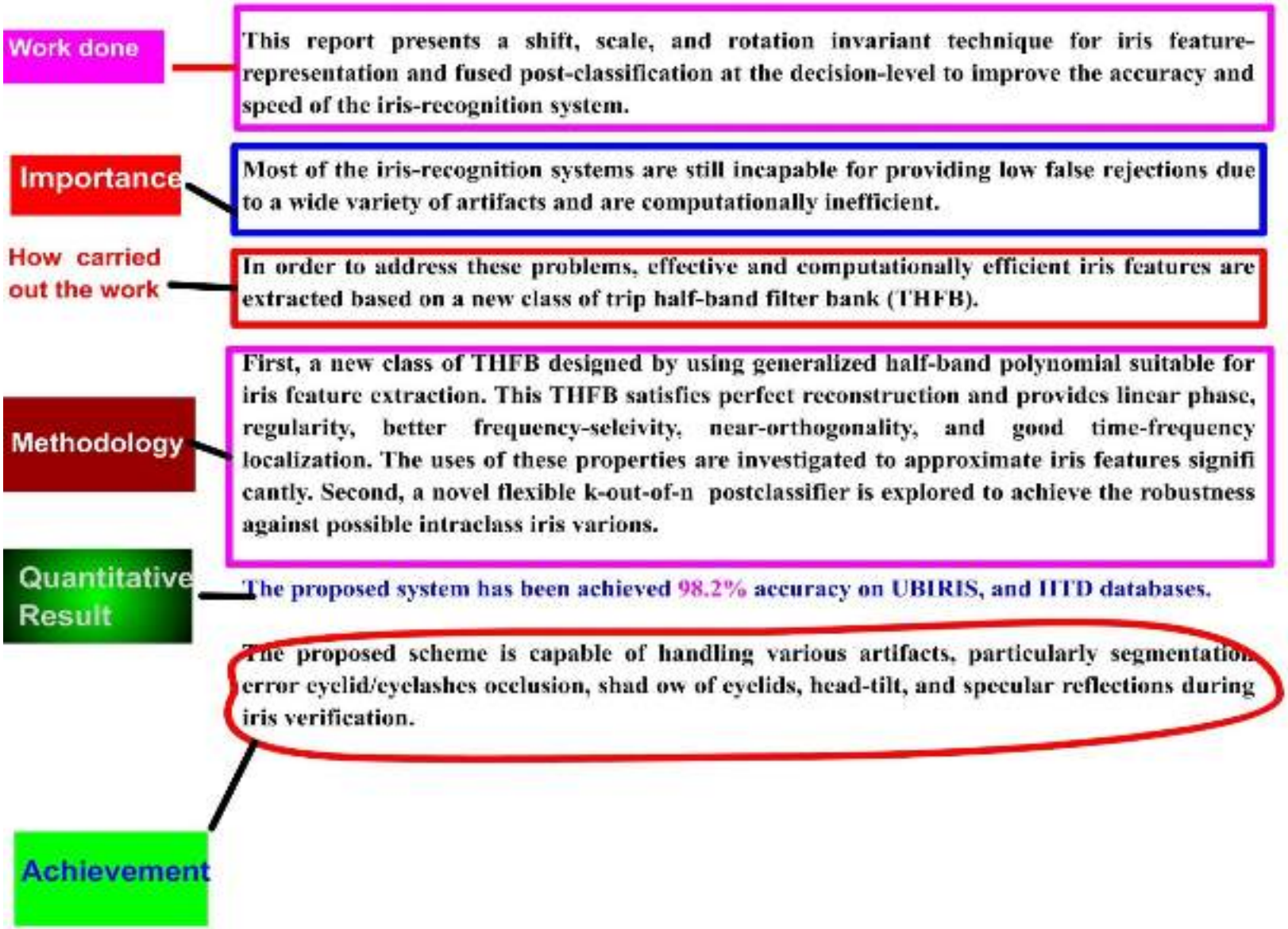
Prof. Mr. H. P. Chaudhari
(Head of Department)

Dr. P. B. Mane
(Principal)

Abstract Contents

- Abstract is **brief summary of your work**
- It should be of **maximum half-page**
- **Abstract Contents:**
  - Introduction
  - Existing Methods And Survey
  - Limitations of Existing Methods and Materials:
  - How system will be implemented
  - **Comments on Results Achieved**

Example: Abstract



How to Write: Introduction

1. Outline the problem you are working on

2. Why it is interesting and what are the challenges?

3. List your aims and goals

- Aim is something you intend to achieve
- Goal is something specific you expect to deliver

4. Give an overview of how you carried out the project

How to Write: Introduction (Contd.)

5. A brief overview of the rest of the chapters must be included at the last paragraph of introduction as follows:

Chapter 2 presents Auditory features based on Gamma-tone filter-bank. Mel-scale and Bark-scale based Gamma-tone features are brieflydiscussed in this Chapter. Also experimentation has been carried out to evaluate the performance.

Chapter-3 reviews 1-D two channel FBs and addresses the problems with recently designed two-channel FBs. The two-channel FB problem formulates using three step ladder structure (THFB). The properties of this proposed THFB have been discussed.

In Chapter-4, the proposed class of THFB has been used in iris recognition system by investigating its properties to extract the discriminating iris features.

The construction of DWFB and RDWFB has been described in Chapter-5. This chapter also discussed the iris feature extraction algorithm based on a combined DWFB and RDWFB.

The report is concluded in Chapter-6.

Literature Survey

Find the latest material relevant to the project topic which is being explored.

1. Identify the "big names or researchers" and best publications in your working area.

2. Collect the most recent books, most popular publications from IEEE Transactions, Elsevier, Springer.

   (papers or thesis will be most helpful for developing the project.)

3. The minimum number of the papers to be collected between Ten (10) to Twenty (20) papers.

Literature Survey (Contd.)

- Explain each paper in one paragraph that should include following points:

1. Summarize all the major points of your selected paper i.e. what kind of new work, results, its conclusion (Findings and conclusion)

2. Write the strengths and limitations of your selected paper.

3. Cite this paper by numbering inside the square bracket []

- Make comparisons of the selected papers and give technical comments.
- Summary of comparison is to be given in a tabulated form in the last page

Example to Cite and Review the Paper if Contains More than Two Authors in the Reference List

If contains one or two authors. Write the last names of the authors.

Sun and Tan [6] proposed ordinal measures scheme for iris feature representation in order to characterize qualitative relationships between the iris regions rather than precise measurements of iris image structures. They have preprocessed the original iris image as given in [5] and [2]. In their work, multilobe differential filters (MLDFs) based on 2-D Gaussian filter have been presented for ordinal iris feature extraction. These ordinal filters are used on 1024 densely sampled image regions to obtain 128 bytes ordinal code for every iris image with flexible interlobe distance. The error rate has been estimated using bootstrap method on the measured Hamming distances between two ordinal templates of the same class.

However, this method requires more number of parameters to improve the performance.

Limitations of this work

Reference in the Reference List

[6] Z. Sun and T. Tan, "Ordinal measures for iris recognition," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, vol. 31, no. 12, pp. 2211-2226, December 2009.

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However, this method requires more number of parameters to improve the performance.

If contains more than two authors,Write the last names of the first authors with *et al.*

Limitations of this work

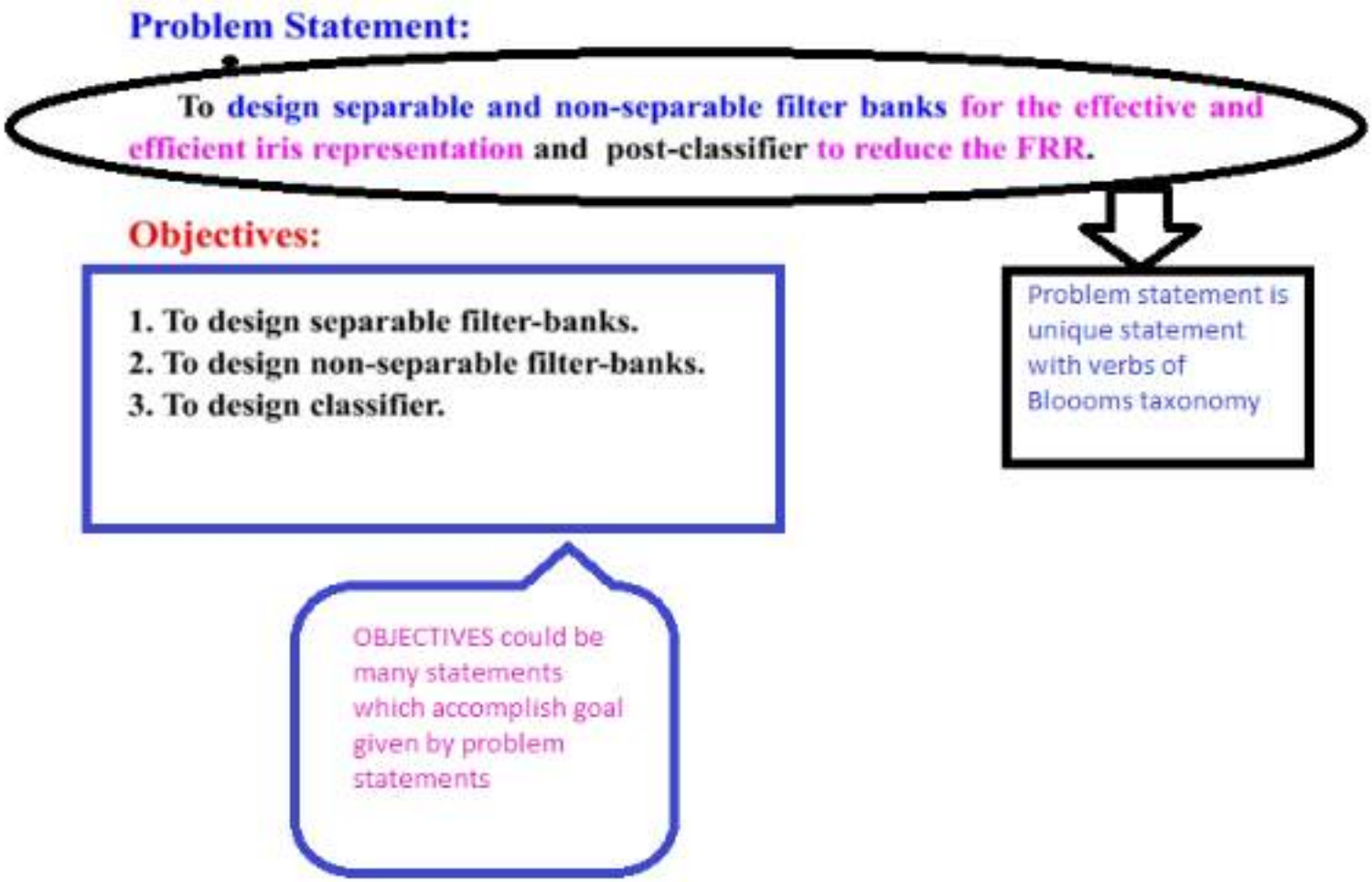
Reference in the Reference List

[6] Z. Sun, W. Wang, and T. Tan, "Ordinal measures for iris recognition," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, vol. 31, no. 12, pp. 2211-2226, December 2009.

Problem Statement

- What is the issue that you want to address?
- Why it is need to address this issue?
- How your project can solve this issue?
- Who gets benefits from the project?

Example: Problem Statement and objectives



Bloom's Taxonomy Action Verbs

Knowledge	Comprehension	Application	Analysis	Synthesis	Evaluation
Remember previously learned information.	Demonstrate an understanding of the facts.	Apply knowledge to actual situations.	Break down objects or ideas into simpler parts and find evidence to support generalizations.	Compile component ideas into a new whole or propose alternative solutions.	Make and defend judgments based on internal evidence or external criteria.
• Arrange • Define • Describe • Duplicate • Identify • Label • List • Match • Memorize • Name • Order	• Classify • Convert • Defend • Describe • Discuss • Distinguish • Estimate • Explain • Express • Extend • Generalized	• Apply • Change • Choose • Compute • Demonstrate • Discover • Dramatize • Employ • Illustrate • Interpret • Manipulate	• Analyze • Appraise • Breakdown • Calculate • Categorize • Compare • Contrast • Criticize • Diagram • Differentiate • Discriminate	• Arrange • Assemble • Categorize • Collect • Combine • Comply • Compose • Construct • Create • Design • Develop	• Appraise • Argue • Assess • Attach • Choose • Compare • Conclude • Contrast • Defend • Describe • Discriminate

Methodology

- Method adopted to solve the problem
- Give an overview of how can you carry out the project
- Step-wise approach to the solution

Hardware/Software Design

- Describe the design of what you have created
- Start with application block diagram and the components that make the block diagram
- Give a description of the design of the component that make up the block diagram
- Provide the implementation detail as necessary
- Necessary to write the Algorithm of the Project

How to Write Experimental Result and Analysis

- Include the **Experimental Setup** used for testing the system
- Include the **tables and graphs** that shows your **quantitative results**
- Write in **sentences the thorough evaluation** of the **result being presented**
- Next, write the analysis on your obtained results

How to Write Conclusion

- Summary of what the project has been achieved

  Must include your quantitative results and logical analysis of the result presented in the project report

Project Management

- Include Project schedule signed by project guide
- Meeting dates with guides
- Bill of Material

How to Write Reference

- Number all the references
- References has to be written in ***IEEE Transactions format***
- Use a ***chronological bibliography***
- Each listed reference in the bibliography must be cited in the text of the report
- For a book, give the name(s) of author(s), title of the book, edition, chapter number, page number, publisher, location and year of publication

For ex. [3] A. D. Rahulkar and R.S. Holambe, *New Wavelet filter-bank based feature extraction Schemes,* Edition 1, Ch. 1-4, pp. 145-198, *Springer,* New York, 2014

How to Write Reference (Contd.)

- For a journal/conference paper, give the name(s) of authors, “title of paper”, *name of journal/conference*, volume and issue number (for journal), page numbers, month and year of publication

  Example:

  A. D. Rahulkar and R. S. Holambe, “A New Class of triplet half-band filter bank based iris feature extraction and recognition using k-out-of-n:A post-classifier”, *IEEE Transactions on Information forensic and security*, vol. 7, No. 1, pp.230-240, February, 2012

- For World Wide Web page, write the **URL with accession date**

Appendix

- Important Data sheet
- Lengthy Derivations
- Raw Experimental Observations

Should be presented in separate appendices which shall be numbered in Roman capitals (e.g. *Appendix I, II, IV* etc.)

Marksheet for Evaluation

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
INSTITUTE OF INFORMATION TECHNOLOGY, PUNE-01

Department of Instrumentation and Control Engineering.

Mark sheet for B. E. Project Presentation

Year 2009-10 (Semester II)

Sr. No.	Project Group	Project Topic Date of Presentation	Total Marks (50) Work Done(20), regular meet with Guide(05), Knowledge(15), Stage wise Implementation (10)	Guide Name & Sign
1	Darbha Srilakshmi S Jagtap Neha S Menon Malavika R	Development of intelligent langumuir through for nanoscience research		Mr. H. P. Chaudhari
2	Gunale Pravina A Pawar Pooja Ramesh	Universal Environmental Meter		
3	Gokhale Madura B Kulkarni Ketki C	Visitor management system.		
4	Bhavsar Gauri P Anupama Kumari	Digital steganography for secret information retrieval		Mr. B.M.Kardile
5	Jadhav Neha M Kulkarni Bhavana A	Intelligent system for monitoring battery-bank health		
6	Doshi Snehal Mohan Thakur Prajakta P	Centralized monitoring of infusion pump		
7	Akriti Priyadarshini Bopardikar Snehal A	Face recognition		Mr. N.S Pathak
8	Kamat Deepti Rajiv Kulkarni Sayali P	DLC based controlled cabinet cooling with Vortex tube		

All India Shri Shivaji Memorial Society's

INSTITUTE OF INFORMATION TECHNOLOGY,PUNE

Department of Instrumentation and Control

B.E. Project Monitoring Sheet (SEM-I/II)

Name of Project:_____ Sponsored Company:_____

Name of Students: 1)_____ 2)_____3)_____

Internal Guide:_____ External Guide:_____

Sr. No.	Date	Work Done	Work to be Done	External Guide	Internal Guide

Self Evaluation Sheet attached at the end of Report

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
INSTITUTE OF INFORMATION TECHNOLOGY, PUNE-01
Department of Instrumentation and Control Engg.

Self Evaluation Sheet

Name of the Project	
Name of the Student	
Name of the Student	
Name of the Student	

File of Literature survey	Design	Implementation	Test & Results	Attendance on the Project Day	Work according to plan activity	Maintaining Log book	Paper presentation or participation	Project Exhibition Participation	Award , prize if any
(5)	(20)	(20)	(20)	(5)	(10)	(5)	(5)	(5)	(5)

Observation and Comments of Guide

Name of the student | Sign of the Student | Sign of Guide

1.

2.

3.

Note: The Evaluation will be verified by Project Evaluation Committee.

Format for Log-Book Assessment

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
INSTITUTE OF INFORMATION TECHNOLOGY, PUNE -01
ASSESSMENT OF LOG-BOOK

Marks	Description
5 (Very Good)	• Have very frequent meetings with the guide. • Shows a genuine interest in the project and is exceptionally hard working and independent. • Project plan is exceptionally well prepared, systematic and appropriate. Conducts work according to plan and adapts well to changes.
4 (Good)	• Meets with the guide regularly. • Shows an interest in the project and is hardworking, and independent. • Project plan is well prepared, systematic and appropriate. • Mostly work is conducted according to plan and can adapt to changes.
3 (Fair)	• Meets with the guide once in a while, but not frequent enough. • Shows some interest in the project but in not fully committed. • Moderately hardworking, lacks inquisitiveness and is dependent on the guide half of the time. • Project plan needs improvement and should be more systematic and appropriate. • Work is not completely conducted according to plan and has some difficulty adapting to changes.
1 (Poor)	• Very seldom meets with the guide. • Shows little interest in the project and lacks commitment. Has issues with completing tasks, lacks and is dependent on the guide most of the time. • Project plan is flawed and needs to be more systematic and appropriate. • Work is not conducted according to plan and has major difficulty adapting to changes.
0 (Very Poor)	• Hardly ever meets with the guide. • Shows no interest in the project has major issues with completing tasks, shows no signs of inquisitiveness and is highly dependent on the guide. • Project plan is seriously flawed. • Seldom does work and cannot adapt to changes.

Format for Presentation Assessment

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
INSTITUTE OF INFORMATION TECHNOLOGY, PUNE -01
ASSESSMENT OF PRESENTATION S BY GUIDES AND EXAMINERS

Marks	Description
5 (Very Good)	• Flawless presentation, exhibiting highly commendable skills. • Exceptionally well-prepared and attractive slides/poster that clearly covers the main aspects of the project. • Questions answered exceptionally well and with ease.
4 (Good)	• Impressive presentation, exhibiting commendable skills. • Well-prepared and attractive slides/poster that covers the main aspects of the project. • Questions answered well and rather convincingly.
3 (Fair)	• Average presentation. Skills require improvement. • Adequately prepared slides/preparation of slides/poster with important aspects of the project being left out. • Some questions could not be answered convincingly.
2 (Poor)	• Unimpressive presentation due to lack of skills. • Very little thought given to the preparation of slides/poster with important aspects of the project being left out. • Failed to answer most of the questions convincingly
1 (Very Poor)	• Seriously flawed presentation due to little or no skills. • No thought given to the preparation of slides /poster with most aspects of the project being left out. • Unable to answer the questions convincingly.

Instructions to the Students

- Synopsis has to be submitted in the prescribed format.
- Students must maintain the **weekly progress notebook** (Log-book) in the specified format: [date of meeting, work assigned and carried out, future planning, decision taken, Sign of guide & students].
- Student can go to the company for the project work on the day(s) other than those mentioned in the timetable only after taking the permission from guide and GFM.
- The attendance will be considered after submitting the attendance certificate from the respective company.
- It is mandatory **to test and assemble the circuit in the college lab** before finalizing the artwork and layout of the PCB.
- Fabricated hardware should be enclosed in a **proper enclosure** designed by the students.

Instructions to Students

- Plagiarism is a very serious offence and, where proven against a student, may result in disqualification from the examination of the project.
- The final project reports are to be uploaded to AICTE portal.
- The project report must be checked by their respective guide before **printing the final copy**.
- Each project group has to publish at least one paper at **International Journal till 20th February**. It is important to note that guide must approve the paper draft before student communicating their paper to the Journals.
- All the project groups have to participate at least in one **project competitions before 20th March.**

Instructions to the Students (Contd.)

- The system should be 100 % working as per their specification and objectives
- Sponsorship letter of company is compulsory and is to be **submitted to Project Coordinator and Project Guide**
- Change of project /any modification in the aim/objective can be done only with the permission of the respective Guide, Project Coordinator and HOD
- University project examination may be conducted on any day including Saturday, Sunday and any other holiday. In this context, the project group has to submit the letter (NOC) to the Department regarding the conduction of examination on above days at their place
- The company guide should be present at the time of examination

Instructions to Guide and Project Coordinators

- Based on students' presentations, the **Record of Mark-sheet** will maintain by **Project Coordinator and Project Guide**
- Every Project Guide will monitor the participation of their students in various project competitions
- Collect all the certificates of students' participation in various project competitions.
- The format of **Project Report** and NBA/NAAC formats will be distributed by **project coordinator to Guides. Students must** have to prepare their **project reports** according to the formats. Guides have to maintain the records as per the NBA/NAAC formats
- Mandatory for project guides to visit the company which has sponsored them the project group
- The travel arrangement to the company should be made by the respective Project Group

Evaluation Guidelines

for

Project Semester-1 and 2

Student Performance Evaluation Semester-1

Students' Contribution and Performance

(As Per New NBA Form , 2015)

Particulars	Marks(25)			
	Group Members			
	1	2	3	
1. Background and Topic (4 M)				
2. Project Scope and Objectives(4M)				
3. Literature Survey (5 M)				
4. Project Planning (4 M)				
5. Presentation Skills(4 M)				
6. Question and Answer(4 M)				
Total(25M)				

Student Performance Evaluation Semester-2

Students' Contribution and Performance

Particular	Marks(25M) Group Members			
	1	2	3	4
1 Hardware/Software Implementation (100%)(5 M)				
2.Testing, Results and Performance Evaluation (5 M)				
3. Final Project Report (5 M)				
4.Publications(2 M)				
5.Presentation skills(4 M)				
6.Question and Answer(4 M)				
Total(25M)				

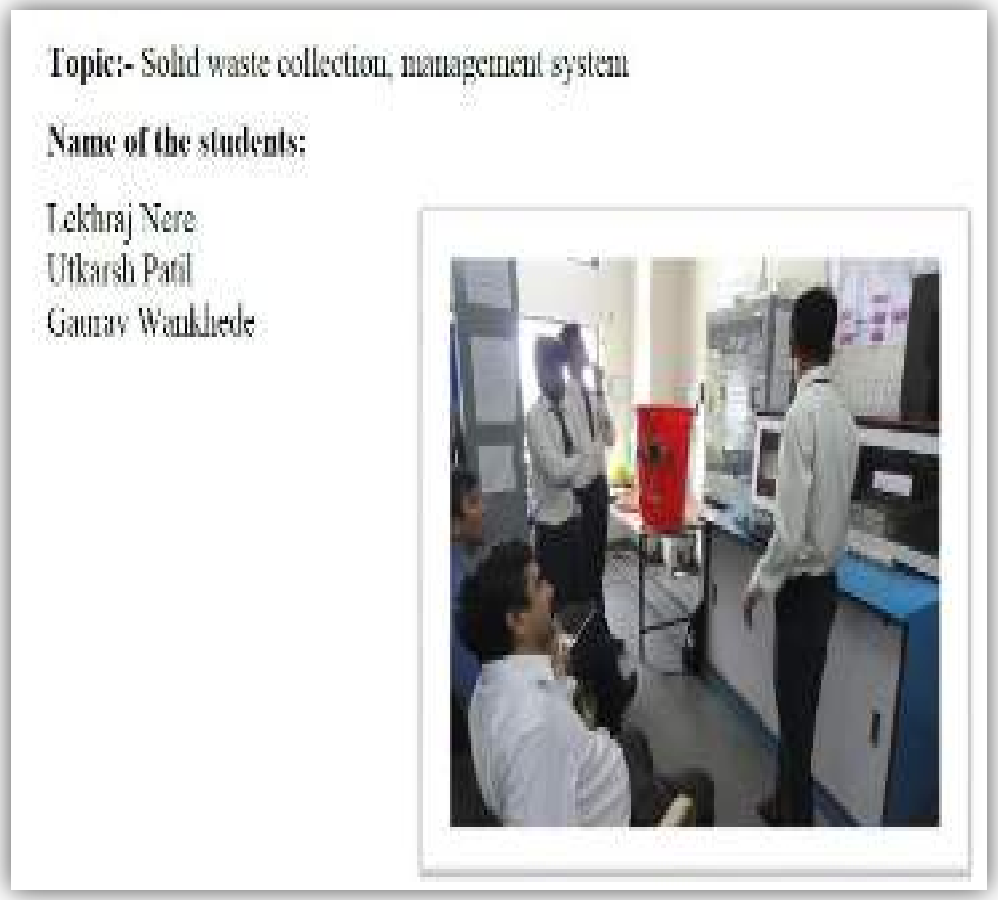
Comments(if any)

Information Required from Students after Final Examination

Information required from students after final Exams*

Group No.:	Name of Guide:
Title of project:	Copy of Sponsorship certificate:
Abstract:	Kit deposited: Yes/No

Sr. No	Name of Group Members	TW (100)	PR (50)	All details of Paper published like Journal volume, issue etc.
1				
2				
3				



Photograph of students, Guide with Working Model

*** This information should be submitted to respective Guide**
The Guide should submit it to Project Coordinator

Participation in Project Competition/Event

Sr. No.	Name & Place of Project Competition / Exhibition	Date	Certificate / Prizes won (if any)
1			
2			
3			

Full Papers in Conference Proceedings/ Seminars/ Workshops/ Symposia/ etc

** International/ National/ State/ Regional/ University/ College, etc*

Sr. No.	Title with page No	Details of Conference, etc	Organized by	Level *	ISSN/ ISBN
1					
2					
3					

Some Plagiarism Checking Softwares

1.Dupli Checker	
Pros:	100% free.
	Extremely easy to use.
	Have the options of copy-pasting the text, entering the URL of the content destination required to be checked, or uploading a text file.
	Registered users can perform 50 searches per day.
Cons:	Unregistered users can perform only 1 search per day.
2. CopyLeaks	
Pros:	Offers entire website plagiarism scan.
	Finds content duplication in more than 60 trillion pages over the internet.
	Support of multiple file formats in any language.
	CopyLeaks API allows you to integrate CopyLeaks service and include it as part of your product.
Cons:	Only for online content.
	You need to create an account to use it.
Paid Version:	Free of charge at the moment, will soon add premium subscription to the service.
3.PlagiarismChecker	
Pros:	100% free.
	The "Author" option allows for checking if others have plagiarized your work online.
	Does not require any download or installation.
Cons:	It searches phrases separately, which means that you need to hit “Enter” after each phrase.

Some “Research Paper” Checking Softwares

1 Paper Rater	
Pros:	Offers 3 tools: Grammar checking, plagiarism detection, and writing suggestions.
	It is developed and maintained by linguistics professionals and graduate students.
	Readability statistics.
	Title validation.
Cons:	Cannot save reports.
2 Grammarly	
Pros:	Plagiarism Checker & Online Proofreader
	It has a browser extension to check grammar and spelling mistakes on Twitter, Face book, LinkedIn anywhere on the web

Other some online Grammar & Spelling Check Software

- ❑ PolishMyWriting,
- ❑ SlickWrite,
- ❑ Ginger

Thank You