Guidelines for Submission of the Project Proposal

Note:

(A) Project Proposal to be submitted in hard copy as well as pdf form after completion of Compulsory subjects of Advanced IE course OR Compulsory subjects of Section B from old syllabus.

(B) The student will be communicated by IIIE Exam Section, about the acceptance/modification/rejection of the Project Proposal, then student need to submit the project report along-with the project proposal copy.

1. The student should submit the Hard copy + PDF file of proposal of project work to the Institution **via email** on iiieproject2017@gmail.com and obtain its approval for the project work.

2. Student should select a Project Guide who will give his / her consent to guide the student in his/her Project Work. The Guide should be a competent Industrial Engineer or a Senior Officer with a Degree/Diploma in Engineering, serving in the organization in which the project work will be carried out (A Professional Member of the Institution can also become a Guide)

3. A Certificate from the Project Guide is required to be submitted along with the Project Proposal as well as the final project report. Contact details (mobile number and email address) of the guide to be given in the report/proposal.

4. The guide should be made familiar with the requirements of the Project work when seeking his consent to act as Project Guide.

5. Project Proposal should be accompanied by a Processing Fee of Rs. 800/- (Rupees Eight Hundred only) in online mode.

6. If any of the student's project proposal gets rejected, the candidate need to pay reexamination fee of Rs. 800/- (Rupees Eight Hundred only) in online mode.

7. Student has to undertake relevant industrial engineering problem as project. The project proposal will be about 15-20 pages covering problem in hand, objectives, methodology etc.

8. The text in the write up shall be Times New Roman font size 12, Chapter Heading shall be in 14 font size and in capital letters. Paragraph Heading shall be in 12 font size capitalize each word. Page numbers in numerical at the bottom of each page except first page.

9. The work has to be carried out by the student after the proposal is accepted.
   The collection of data, analysis of data, formulating and justifying the recommendations and steps for implementation shall all be carried out by the student himself.

10. General recommendations based on literature search or comparative study are not acceptable. Similarly, descriptions of work carried out in student's organization also do not qualify.

11. Project work is an important phase of the development of the student for a successful career. The Project Work Requirement is designed to build the strength of the student in identifying of and getting the approval of the Management for measures to enhance the effectiveness of planning and operation functions in an organization.

12. The Institution may require clarifications or modification for the approval of the project.

13. The write up for the approval of the project proposal should be made on the following format:

a) Title page (Annexure A) (i) Name of the work proposed (font Arial black 18)

(ii) Institution Name (font Arial Black 16)

(iii) IIIE Logo (one inch dia.)

(iv) Organization Name (font Arial Black 14)

(v) Details of student (Name & Membership No.) (font Verdana 14)

Project Proposal Writing Format

Chapter 1. INTRODUCTION

1.1 Introduction of the problem statement/background of the work

1.2 Problem on hand (why student has selected this topic)

1.3 Importance of the problem

1.4 Aim, Objectives and Scope of the project

Chapter 2. DETAILS OF THE ORGANIZATION

2.1 Introduction

2.2 The organization 2.2.1 Products 2.2.2 Processes 2.2.3 Facilities

2.2.4 Organization structure

2.3 Organizational business profile

2.4 Other relevant information

2.5 Conclusion

Chapter 3. THE PROBLEM ON HAND

3.1 Introduction

3.2 Details of problem (Give detail of problem with Data & Graphs etc)

3.2.1. Historical perspective (History of problem)

3.2.2. Cause and effect relationships (How it is related)

3.2.3. Criticality of the problem

3.3 Conclusion

Chapter 4. RELEVANT LITERATURE REVIEW (From books, Journal, Internet. To study previous work carried out on the subject or similar work, techniques, methods and latest trends. This shall give direction for your work)

4.1 Review of Designs _ _ _ _ _ _ _

Table 1 Title of the Table

Sr No	Author and Year	Link or citation of literature in IEEE format	Designs Used	Findings/gaps

4.2 Review of Methods_ _ _ _ _ _ _

Table 2 Title of the Table

Sr No	Author and Year	Link or citation of literature in IEEE format	Methods Used	Findings/gaps

4.3 Review of outcomes _ _ _ _ _ _

Table 3 Title of the Table

Sr No	Author and Year	Link or citation of literature in IEEE format	Outcomes	Findings/gaps

4.4 Objectives of the proposed work (mention 3 to 4 objectives)

Chapter 5. DATA COLLECTION

5.1 The type of data needed
5.2 The sources for the collection of data
5.3 Methods of the data collection
5.4 Processing of the data for analysis (type of analysis)
5.5 Conclusion

Chapter 6. ANALYSIS OF DATA

6.1 CHOICE OF TECHNIQUES
Brief description of the choice of the techniques utilized and the justification for their use.
6.2 Devote one Section each to one analysis…***say upto section 6.9.*** The analysis carried out and technique utilized (give suitable Headings)
(All the steps in the analysis of the Data and the relevant theory have to be shown)
6.10 CONSOLIDATED RESULTS
Give a consolidated representation of result of the analysis using necessary number of sections and headings .....***say upto section 6.14*** 6.15 GENERAL OBSERVATIONS

Chapter 7. RECOMMENDATIONS

7.1 Brief Idea of Recommendations likely to emerged

REFERENCES

REFERENCES FORMAT (IEEE Format)

Material Type	Works Cited
Book in print	[1] D. Sarunyagate, Ed., *Lasers*. New York: McGraw-Hill, 1996.
Chapter in book	[2] G. O. Young, "Synthetic structure of industrial plastics," in *Plastics*, 2nd ed., vol. 3, J. Peters, Ed. New York: McGraw-Hill, 1964, pp. 15-64.
eBook	[3] L. Bass, P. Clements, and R. Kazman, *Software Architecture in Practice*, 2nd ed. Reading, MA: Addison Wesley, 2003. [E-book] Available: Safari e-book.
Journal article	[4] G. Liu, K. Y. Lee, and H. F. Jordan, "TDM and TWDM de Bruijn networks and shufflenets for optical communications," *IEEE Trans. Comp.*, vol. 46, pp. 695-701, June 1997.
eJournal (from database)	[5] H. Ayasso and A. Mohammad-Djafari, "Joint NDT Image Restoration and Segmentation Using Gauss–Markov–Potts Prior Models and Variational Bayesian Computation," *IEEE Transactions on Image Processing*, vol. 19, no. 9, pp. 2265-77, 2010. [Online]. Available: IEEE Xplore, http://www.ieee.org. [Accessed Sept. 10, 2010].
eJournal (from internet)	[6] A. Altun, "Understanding hypertext in the context of reading on the web: Language learners' experience," Current Issues in Education, vol. 6, no. 12, July, 2005. [Online serial]. Available: http://cie.ed.asu.edu/volume6/number12/. [Accessed Dec. 2, 2007].
Conference paper	[7] L. Liu and H. Miao, "A specification based approach to testing polymorphic attributes," in *Formal Methods and Software Engineering: Proceedings of the 6th International Conference on Formal Engineering Methods, ICFEM 2004, Seattle, WA, USA, November 8-12, 2004*, J. Davies, W. Schulte, M. Barnett, Eds. Berlin: Springer, 2004. pp. 306-19.
Conference proceedings	[8] T. J. van Weert and R. K. Munro, Eds., *Informatics and the Digital Society: Social, ethical and cognitive issues*: IFIP TC3/WG3.1&3.2 Open Conference on Social, Ethical and Cognitive Issues of Informatics and ICT, July 22-26, 2002, Dortmund, Germany. Boston: Kluwer Academic, 2003.
Newspaper article (from database)	[9] J. Riley, "Call for new look at skilled migrants," *The Australian*, p. 35, May 31, 2005. [Online]. Available: Factiva, http://global.factiva.com. [Accessed May 31, 2005].
Technical report	[10] K. E. Elliott and C.M. Greene, "A local adaptive protocol," Argonne National Laboratory, Argonne, France, Tech. Rep. 916-1010-BB, 1997.
Patent	[11] J. P. Wilkinson, "Nonlinear resonant circuit devices," U.S. Patent 3 624 125, Jul. 16, 1990.
Standard	[12] *IEEE Criteria for Class IE Electric Systems*, IEEE Standard 308, 1969.
Thesis/Dissertation	[1] J. O. Williams, "Narrow-band analyzer," Ph.D. dissertation, Dept. Elect. Eng., Harvard Univ., Cambridge, MA, 1993.

IMPORTANT

- Table number and title to be added at the top of each table with respective chapter number e.g. Table 2.1 indicates the table belongs to chapter number 2 and 1 indicates table number 1 in that chapter.
- Figure number and title to be added at the bottom of each figure with respective chapter number e.g. Figure 4.6 indicates the figure belongs to chapter number 4 and 6 indicates figure number 6 in that chapter.

Do's and Don'ts of Project Proposal

1. Please refer to model project proposal displayed on our website www.iiie-india.com for your guidance.
2. Check the details of Guide- address, email ID, Contact details, signature etc.
3. Provide relevant data to justify the problem / your statement.
4. Ensure that your explanation is simple and logical way. Do not write irrelevant information. Use full sentences
5. Explain important concepts, definitions and abbreviation. Related for your Project.
6. Carry out brief literature survey related to your project from Books, Journals and Internet during submission of proposal. Detail Literature Survey to be included in final Report.
7. Please Pay proper attentions to the guidelines. Do not take short cuts.
8. Do not use power point type presentation language / slides. Write full sentences.
9. Project Report is Technical Document not commercial Advertisement Pl Do not use fancy fonts / colors/ Font Sizes.
10. Please ensure title of project is simple and easy to understand. Do not unnecessary complicate the title.
11. Aim / Objective and scope of project to be given.
12. It is observed that students try to include too many things as objective which is not possible for them to carry out, focus on important things only.
13. Do not speculate at the beginning of the project.
14. Note your project report will be evaluated in reference to project proposal, if it is observed that Project Report is different from approved Project Proposal then the project proposal shall be rejected.

‘Annexure A’

(Sample Project Proposal front cover)

USE OF TQM TOOLS FOR PRODUCTIVITY IMPROVEMENT

(Title) {font Arial black 18}

A PROJECT PROPOSAL

{font monotype Corsiva 22}

SUBMITTED TO

{font Arial 14}

INDIAN INSTITUTION OF INDUSTRIAL ENGINEERING

{font Arial BLACK 16}

To be carried out at:

(Name of Organization)

{Font Arial Black 14}

By {font Arial 14}

RUPESH SAWANT (S-12345) {font VERDANA 14}

INDIAN INSTITUTION OF INDUSTRIAL ENGINEERING

NHQ, IIIE Bhavan, Plot 103, Sector - 15, CBD Belapur, Navi Mumbai - 400 614 Tel : (022) 27563837, 27562562, 27579412 Telefax : (022) 27578526 E-mail : iiieexamdept@gmail.com

The Chairman,
Board of Examinations
Indian Institution of Industrial Engineering
CBD Belapur, Navi Mumbai - 400 614

The students need to Study the requirements of Project Work under the heading of **"Examinations/Project"** in the Brochure

APPLICATION FOR APPROVAL – PROJECT PROPOSAL

FILL FORM-A, FORM-B AND ENCLOSE WRITE-UP AS PER THE GUIDELINES GIVEN

FORM - A

1. Name_____ 2. Membership No._____

3. Date of Admission_____ 4. Mailing Address_____

5. Phone Nos. (O)_____ (R)_____ Mobile :_____

E-Mail :_____

6. Receipt Number and Date of the latest subscription paid _____

7. Details of Passing of Compulsory Papers of Advance IE Course (New Syllabus) OR Compulsory Papers of Section B (Old Syllabus):

Old Syllabus **(O)** ☐ New Syllabus **(N)** ☐

Paper	Month and Year of Examination Passed	Marks Obtained
IEB01: Facilities Planning & Mgmt. (O/N)		
IEB02: Supply Chain & Logistics Mgmt. (O/N)		
IEB03: Production & Operations Mgmt. (O/N)		
IEB04: Total Quality Management OR IEB04: Quality Assurance & Reliability (New Syllabus)		

8 Name of the Unit/ Organization/ Institution, its location and address, and where project is proposed to be carried out.:

_____

_____

_____

_____

_____

9. Proposed Project Title : _____

_____

(Also enclose a write up of the proposed project with the form)

10. Name, Designation, Membership details and address of the Guide, under whose guidance the project is proposed to be carried out: (completed FORM-B must be attached)

a) Name :

b) Designation :

c) Organization :

d) Office Address, Telephone Nos. & Email ID :

e) IIIE Membership No. (if exists) :

NOTE: Student to ensure that the guide chosen is at least a degree holder in engineering with substantial experience in a responsible position. He should be in a position to certify that the work reported is student's own work. IIIE will have the final decision in acceptance of the guide.

11. I undertake that the Project work will be carried out individually and personally by me.

12. For processing fee please find enclosed Payment Receipt of Rs.800/-

UPI Transaction ID _____Date _____Time_____.

Place: **Signature:**

Date: **Name:**

FORM - B

The COE,
IIIE Examination Section
Indian Institution of Industrial Engineering
CBD Belapur, Navi Mumbai 400 614

CONSENT TO ACT AS PROJECT GUIDE

Sir,
I am glad to inform you that Mr./ Ms.

a student of the Indian Institution of Industrial Engineering has sought my guidance for carrying out his/ her project work to be completed by him/ her as part of the requirements for the Graduateship Examination. I have studied the proposed project in detail and is of the opinion that it will bring out the effective application of Industrial Engineering technique.

I am also of the opinion that the proposed Project Work can enable the student to meet the project requirements of Graduateship Examinations.

Name :

Academic Qualifications :

Professional Affiliations :

Professional/ Work Experience :

Present Designation :

IIIE Membership (if any) :

Address (Office) Address (Residence)

_____ _____

_____ _____

_____ _____

Tel. No. _____ Tel. No _____

I give my consent to guide him/ her for the project

Place:

Date: **Signature of the Guide**