

Seminar Report Guidelines

1. The references shall be written using IEEE style of reference writing.
2. The report shall be computer typed (English- British, Font -Times Roman, Size-12 point, Double spacing between lines) and printed on A4 size paper.
3. The report shall be hard bound with cover page in white colour. The name of the candidate, degree (specifying the specialization), month & year of submission, name of the University including college name shall be printed in black on the cover [Refer sample sheet (outer cover)]
4. The report shall be typed on one side only with double space with a margin 3.5 cm on the left, 2.5 cm on the top, and 1.25 cm on the right and at bottom.
5. In the report, the title page [Refer sample sheet (inner cover)] should be given first then the Certificate by the candidate, followed by an abstract of the report (not exceeding 1500 words). This should be followed by the acknowledgment, list of figures/list of tables, notations/nomenclature, and then contents with page nos.
6. The diagrams should be printed on a light/white background, Tabular matter should be clearly arranged and the font of the Tabular matter should be Font -Times Roman, Size-10 point, Single spacing between lines. Decimal point may be indicated by full stop (.). The caption for Figure must be given at the BOTTOM (center aligned) of the Fig. and Caption for the Table must be given at the TOP (center aligned) of the Table. The font for the captions should be Times Roman, *Italics*, Size-10 point.
7. The font for the chapter titles should be Times Roman, Bold, Capital, Size-16 point and center aligned. The font for the Headings should be Times Roman, Bold, and Size-14 point. The font for the sub-headings should be Times Roman, Bold, and Size-12 point.
8. Conclusions must not exceed more than one page.
9. The graphs should be combined for the same parameters for proper comparison. Single graph should be avoided as far as possible.
10. The report must consist of following chapters:

CHAPTER 1 - INTRODUCTION

CHAPTER 2 - CURRENT STATUS

CHAPTER 3 –IMPORTANCE AND APPLICATIONS

CHAPTER 4 – LATEST RESEARCH

CHAPTER 5 - FUTURE TRENDS

CHAPTER 6 - CONCLUSIONS

REFERENCES

APPENDIX (IF ANY)

ANNEXURES-I, II, III (IF ANY)

Paste a CD containing the soft copy of Report (in Docx and PDF), Reference papers and other material related to the work, on the inner side of back hard cover.

Sample sheet (outer cover)

**STATISTICAL PROCESS CONTROL OF
MECHANICAL LOCKING SYSTEM FOR
AUTOMOTIVES** (24pt.)

SEMINAR(14pt.)

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD
OF THE DEGREE OF (12pt.)

MASTER OF TECHNOLOGY

(Electronics and Communication Engineering) (14pt.)

SUBMITTED BY

VIJAY PRATAP SINGH (14pt)

University Roll No.(14pt)

April 2004 (14pt)

IKG PTU Logo

IKG PUNJAB TECHNICAL UNIVERSITY

JALANDHAR, INDIA (14pt.)

Sample sheet (inner title page)

**STATISTICAL PROCESS CONTROL OF
MECHANICAL LOCKING SYSTEM FOR
AUTOMOTIVES** (24pt.)

SEMINAR(14pt.)

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD
OF THE DEGREE OF (12pt.)

MASTER OF TECHNOLOGY

(Electronics and Communication Engineering) (14pt.)

SUBMITTED BY

VIJAY PRATAP SINGH (14pt)

University Roll No.(14pt)

April 2004 (14pt)

Name of the College (14pt)

IKG PUNJAB TECHNICAL UNIVERSITY

JALANDHAR, INDIA (14pt.)

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

CANDIDATE'S DECLARATION

I hereby certify that the work which is being presented in the Seminar entitled "TITLE" by "NAME OF THE STUDENT" in partial fulfillment of requirements for the award of degree of M.Tech. (Branch) submitted in the Department of (Branch) at NAME OF THE INSTITUTE under PUNJAB TECHNICAL UNIVERSITY, JALANDHAR is an authentic record of my own work carried out during a period from _____ to _____. The matter presented in this seminar has not been submitted by me or anybody else in any other University / Institute for the award of M.Tech Degree.

Signature of the Student

CONTENTS

	Page No.
<i>Candidate's Declaration</i>	<i>i</i>
<i>Abstract</i>	<i>ii</i>
<i>Acknowledgement</i>	<i>iv</i>
<i>List of Figures</i>	<i>vi</i>
<i>List of Tables</i>	<i>viii</i>
<i>Nomenclature</i>	<i>xi</i>
CHAPTER 1 INTRODUCTION	1 - 18
1.1 Non-Traditional Machining	1
1.2 Extrusion Pressure	5
1.2.1 Media Flow Volume	6
1.2. 2 Media Flow Rate	7
1.3 Modeling of AFM	10
1.3.1 Stochastic Modeling	12
1.3.2. Analytical Modeling	15
CHAPTER 2 CURRENT STATUS	19 – 23