**GENERAL GUIDELINES FOR**

**BTCOS407: Seminar-II**

**REPORT SUBMISSION**

****

**BAJAJ INSTITUTE OF TECHNOLOGY**

**WARDHA - 442 001 (INDIA)**

**2022 - 23**

**Specimen 'A': Title of Seminar (add border)**

**TITLE OF THE SEMINAR**

***Seminar report submitted to***

***Dr. Babasaheb Ambedkar Technological University, Maharashtra***

***in partial fulfilment of the requirements for the award of***

***the degree***

**Bachelor of Technology**

**In**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Engineering**

**Student Name (PRN No.)**

under the guidance of

**Name of the Faculty Mentor**

**Designation**

****

**Department of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Engineering**

**Bajaj Institute of Technology**

**Wardha-442 001 (India)**

**20XX-YY**

**Specimen 'B': Certificate**

**BAJAJ INSTITUTE OF TECHNOLOGY, WARDHA**

**DEPARTMENT OF \_\_\_\_\_\_\_\_\_\_\_\_ ENGINEERING**

**CERTIFICATE**

****

***This is to certify that the seminar report titled***

***TITLE OF SEMINAR***

***is a bonafide work carried out in the Vth Semester***

***by***

**(*Name of Student, PRN No.*)**

***in partial fulfilment of the requirements for the award of***

***the degree in Bachelor of Technology, \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Engineering.***

|  |  |
| --- | --- |
| **(Name of Seminar Guide)**  **Seminar Guide**  Department of \_\_\_\_\_\_\_\_\_\_\_ Engineering  Bajaj Institute of Technology, Wardha | |
| **(Name of Faculty In-charge)**  **Seminar Co-ordinator**  Department of \_\_\_\_\_\_\_\_\_\_\_ Engineering  Bajaj Institute of Technology, Wardha | **Head of the Department**  Department of \_\_\_\_\_\_\_\_\_\_\_ Engineering  Bajaj Institute of Technology, Wardha |
|  | |

**Date: dd/mm/yyyy**

**Place: Wardha**

**Specimen 'C': Declaration**

**DECLARATION**

I hereby declare that the seminar report titled “\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_” submitted by me to the Bajaj Institute of Technology, Wardha, in partial fulfilment of the requirement for the award of Degree of B. Tech in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ discipline is a record of bonafide seminar work carried out by me under the guidance of Prof. **Name and Designation of Supervisor**

I, further declare that the work reported in this seminar report has not been submitted either in-part or in-full for the award of any other degree in any other Institute or University.

Date: - dd/mm/yyyy

Place: - Wardha

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Name of Student** | **PRN Number** | **Signature** |
|  |  |  |  |

**Specimen 'D': Acknowledgement**

**ACKNOWLEDGEMENT**

**(TEXT)**

Provide correct name & designation

to seminar guide

**(TEXT)**

to Head of the Department of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Engineering

Provide correct name

**(TEXT)**

to the Principal, Bajaj Institute of Technology, Wardha

**(TEXT)**

to all others (if any) if you have collected any data or carried out seminar with them.

Date: dd/mm/yyyy

Place:

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Name of Student** | **PRN Number** | **Signature** |
|  |  |  |  |

**Specimen 'E': Abstract**

**ABSTRACT** (*maximum of 200 words, single page*)

(Insert text here)

Abstract previews every section of the report in a short form. It is the summary of the report. Everything important that you have done, performed and concluded should be mentioned but briefly and concisely. Keep in mind that, it is from the abstract, the reader decides about the relevance of the work to him, and whether to go ahead with reading the report.

**Specimen 'F': TOC**

**TABLE OF CONTENTS**

|  |  |  |
| --- | --- | --- |
| **Chapter**  **No.** | **Title** | **Page No.** |
|  | Certificate | ii |
|  | Declaration | iii |
|  | Acknowledgement |  |
|  | Abstract |  |
|  | Abbreviations |  |
|  | List of Symbols |  |
| 1 | Introduction | 1 |
|  | 1.1 (Decide subtitles appropriately) |  |
|  | 1.2 (Decide subtitles appropriately) |  |
|  | 1.2.1 |  |
|  | 1.2.2 |  |
| 2 | Literature Review |  |
|  | 2.1.1 Website 1 |  |
|  | 2.1.n Website 2 |  |
|  | 2.2 Summary of Literature Survey |  |
| 3 | Technologies Used |  |
|  | 3.1 HTML |  |
|  | 3.2 CSS |  |
|  | 3.3 JavaScript |  |
|  | 3.4 PHP |  |
|  | 3.5 AJAX |  |
| 4 | Implementation Snapshots |  |
|  | 4.1 Front-End Snapshots |  |
|  | 4.2 Code Snippets |  |
| 5 | Conclusion & Future Work |  |
| 6 | References |  |

**Specimen 'G': List of Abbreviations**

**ABBREVIATIONS**

**Examples**

|  |  |
| --- | --- |
| *NHAI* | National Highways Authority of India |
| *PMGSY* | Pradhan Mantri Gram Sadak Yojana |
| *CRRI* | Central Road Research Institute |
| *MORTH* | Ministry of Road Transport and Highways |

**Specimen 'H': List of Symbols**

**LIST OF SYMBOLS**

**Samples**

|  |  |
| --- | --- |
| *P’* | Design wheel load (half of the single axle load/ one fourth of the tandem axle load) |
| *h* | Pavement thickness |
| *L* | Length of the slab panel |

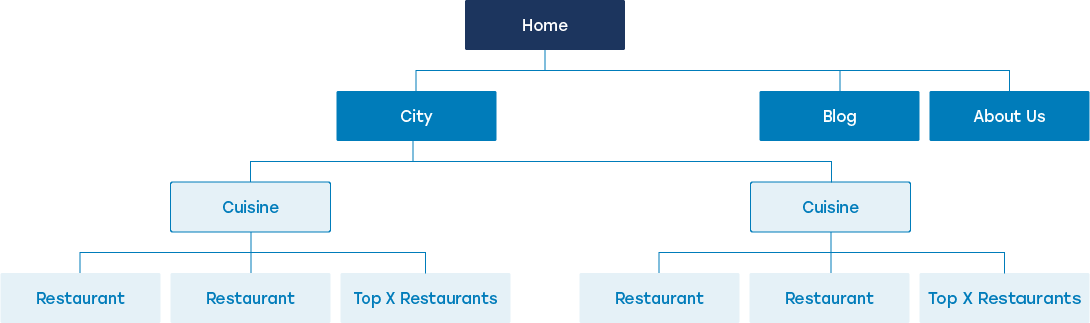
**Specimen 'I': Chapters**

**CHAPTER 1**

**INTRODUCTION**

* 1. **. Introduction:**
  2. **. Title of Project:** (Write Title of Project Here)
  3. **Objectives:** (Mention the objectives of creating the Project)
  4. **. Scope:** (Mention the scope of project)
  5. **. User Roles/ Stakeholders:** (Explain different users of the website with their roles and privileges granted to access the database)
  6. **. Sitemap:** (A site map (or sitemap) is a list of pages of a web site within a domain.)

**Example:**



1. This section should contain a general introduction about your seminar topic. The introduction is a more detailed abstract and an introduction to the topic in general.
2. Discuss the motivation to select this as a seminar topic, detailed objectives, scope of seminar and structure of the report in this chapter.
3. Figures and tables in the individual chapter should be numbered as Fig. 1.1 for 1st figure of chapter 1. Similarly, Table 1.1 for 1st table of chapter 1. The body of the section should be written in Times New Roman font size 12 pt. with line spacing of 1.5

**CHAPTER 2**

**LITERATURE REVIEW**

This chapter should include the literature survey in detail (Make it for 5 Website)

* 1. Website 1
     1. Name of Website providing similar functionality
     2. URL of Website
     3. Features of Website
     4. Limitations of website
  2. Website 2
     1. Name of Website providing similar functionality
     2. URL of Website
     3. Features of Website
     4. Limitations of website

Analyze the findings of the selected websites to identify common themes, trends, or gaps in the existing literature.

**2.2 Summary of Literature Review**

Mention the scope identified for creating the website.

**CHAPTER 3**

**TECHNOLOGIES USED**

1. **Wire framing/Prototype:** Insert the wire-framed images/ prototype snapshots developed for the project.
2. **Website Content:** Describe in brief the website content menus and submenus

|  |  |  |  |
| --- | --- | --- | --- |
| Menu | Description | Submenus | Description |
| Menu1 |  | Submenu1 |  |
| Submenu1 |  |
| Menu2 |  | Submenu |  |

1. **Technologies Used** (All the examples must be from the project along with code snippet)

**3.1 HTML 5:** *(Explain any 5 HTML 5 Advanced Tags used in the website with their use in project)*

**3.2 CSS:** *(Explain 5 CSS properties used in the Website with their use in project)*

* 1. **CSS:** *(Explain 5 CSS properties used in the Website)*
  2. **CSS @Keyframes Rule** *(Explain one example where CSS Animation ­is used along with supporting @Keyframes Rules)*

**3.3 JavaScript**

**3.3.1** Explain JavaScript functions used in your project.

**3.3.2 Validation Example:** *(Explain two examples where one client-side validation and one server-side validation)*

**3.4 PHP**

**3.4.1****PHP Libraries Used** (if any) *(Explain in short about the PHP Libraries used in the project)*

**3.4.2****PHP super-global variables Used:** *(Explain two example where PHP super-global variables are used.)*

**3.5 AJAX (Explain two example where Ajax objects are used.)**

1. **Database Schema**

**4.1 Database Name:**

**4.2 Tables in Database:**

**4.2.1 Table 1 Name:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type | Description | Primary Key/ Foreign Key | Is Null? |
|  |  |  |  |  |

**4.2.1 Table 2 Name:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column Name | Data Type | Description | Primary Key/ Foreign Key | Is Null? |
|  |  |  |  |  |

1. **SQL Queries:** *(Explain two example SQL Queries, one for inserting data and other from fetching data from Database)*

**CHAPTER 4**

**IMPLEMENTATION SCREENSHOTS**

**4.1 Front-End Screenshots**

* Include screenshots/snapshots of different sections or pages of the website. These screenshots should visually represent the implemented features and functionality.(At least 5 Screenshots)
* Provide a short description for each snapshot, highlighting the specific features or functionality showcased.
* Clearly label each snapshot with a figure number and a corresponding caption for easy reference in the text.

**4.2 Code Snippets**

* Select relevant code snippets from the implementation and present them in a clear and readable format. (At least 3 Snapshots)
* Include snippets that demonstrate important functionality or highlight unique aspects of the implementation.
* Provide a brief explanation for each code snippet, describing its purpose and how it contributes to the overall functionality of the website.
* Use proper formatting and syntax highlighting to make the code snippets more readable.

**CHAPTER 5**

**CONCLUSION & FUTURE WORK**

* This chapter should include summary of seminar topic and how objectives of seminar are achieved. Give a strong conclusion reflecting your knowledge about the seminar topic.
* Acknowledge and discuss the limitations or constraints of the study.
* Address any factors that may have affected the reliability or generalizability of the results.
* Identify new research directions or avenues that could build upon your current work.
* Highlight emerging trends or technologies that could be incorporated into future research.

**CHAPTER 6**

**REFERENCES**

* Refer to the guidelines given below.
* All the references (Journal articles, books, book chapters, conference proceedings, standard codes, websites etc.) those are referred in the report must be listed here in an alphabetical order.
* Refer the general guidelines accompanying this document for examples of referencing styles for different documents.

**GENERAL INSTRUCTIONS FOR SEMINAR REPORT WRITING**

This section contains the general instructions and guidelines for the report writing.

1. **PAGE LAYOUT**

|  |  |  |
| --- | --- | --- |
| Font :-  Font size  Paper size A 4, | Times New Roman  For Heading ;- 14 and for Text :-12  Margins: Top 1, Bottom 1, Left 1.5, Right 1 (inches) | |
| Page Nos. | Bottom centre |  |
| Text Spacing | 1.5 lines spacing |  |
| Chapter & chapter title | 16 pts Bold | Upper case |
| Section & section title | 14 pts Bold | Title case |
| Sub-section & Sub-section title | 12 pts Bold | Title case |
| Title of Figures, | 12 pts Bold | Bottom of the Figure, Title case , Center Align |
| Title of Tables | 12 pts Bold | Top of the table, Title case, Center Align |
| Other Text | 12 | Times New Roman |
|  |  |  |

* Print shall be taken on single side.
* Number of copies = number of students + 2

1. **PAPER QUALITY**

It is mandatory to use plain A4 sized (height 297 mm, width 210 mm) good photocopying paper sheets, 75 to 90 gsm (16 to 20 pounds), whiteness 95% or above, smooth finish.

1. **EQUATIONS**

Each equation should be numbered using a two-level scheme, (chapter no).(eq no). While typing, the equations should be centrally placed while equation numbers should be flush right. (LaTeX does this by default.) This number (e.g., 2.4, with 2 as chapter number and 4 as equation number) should be used (as Eq. 2.4) whenever the equation is referred in the text. The equations should be clearly written. Symbols used in the equations should be explained immediately after the equation when they are mentioned.

1. **FIGURES**

Each figure should be properly cited in the text. Figures should be numbered using a two-level scheme. The word Fig. in bold followed by the chapter number and figure number separated by a full stop. (Example, **Fig. 1.1**, **Fig. 1.2**, **Fig. 2.1**, **Fig. 2.2** etc.) Each figure should have a title which should be centrally aligned and placed below the figure.

1. **TABLES**

Each table should be properly cited in the text. Tables should be numbered using a two-level scheme. The word **Table** in bold followed by the chapter number and figure number separated by a full stop. (Example, **Table 1.1**, **Table 1.2**, **Table 2.1**, **Table 2.2** etc.). Each table should have a title which should be centrally aligned and placed above the table.

1. **REFERENCES**

This should follow the conclusion chapter. Each entry in the reference should have a label. All references cited in the text body should be there in the Reference list and vice versa.

* **For a book:** Author Surname, Initial. Year of publication. Title of Text, Publisher, City/State Published.
  + Frýba, L. 1999. *Vibration of Solids and Structures Under Moving Loads*, 3rd edn. Thomas Telford Ltd., London.
* **For an article in a journal:** Author Surname, Initial. Year of Publication. “Title of Article.” Title of Journal, Volume (issue number), pages. DOI
  + Phadke, H.D. and Jaiswal, O.R. 2020. “Dynamic Response of Railway Track Resting on Variable Foundation Using Finite Element Method.” *Arabian Journal for Science and Engineering* 45, 4823–4841. https://doi.org/10.1007/s13369-020-04360-6
* **For an article in conference proceedings:** Author Surname, Initial. Year of Publication. “Name of paper.” Name of Conference, Name of publisher, Publisher location, page range of paper.
  + Phadke, H.D. and Jaiswal, O.R. 2016. “Finite element modelling of an infinite beam on elastic foundation subjected to a moving load.” *In: Pombo, J. (ed.) Proceedings of Third International Conference on Railway Technology: Research, Development and Maintenance,* Civil-Comp Press, Cagliari, Italy, paper 187.
* **A chapter in a book:** Authors surname, Initial. Year of publication. *Title of the chapter*. Editors of the book, title of the book, range of pages. Publisher, city of publication.
  + Lei, X. 2017. *Analytic methods for dynamic analysis of the track structure*. In: Yingjie, W. (ed.) High Speed Railway Track Dynamics, pp. 37–56. Springer, Singapore.
* **A report:** Authors. Year. Title, University/company, Report number, Year.
  + Ahmed K. 1994. *Renewable Energy Technologies*, World Bank Technical Paper Number 240.
* **A Ph.D. or Masters Thesis:** author, title, department, university, year.
  + Kedare S.B. 1991. *Investigations on a Reciprocating Wind Machine*, Ph.D. Thesis, Dept. of Mechanical Engineering, IIT, Mumbai.
* **A manual/ handbook/ standard:** Building codes, provisions, and standards should be listed alphabetically by the abbreviated name of the promulgating institution.
  + Indian Standard, IS 456. 2000. Plain and Reinforced Concrete Code of Practice (Fourth Revision), BIS, New Delhi, India.
* **A web-site:** Author Surname, Initial. (Year of publication). Name of webpage, <URL> (accessed date).
  + Townsend, M. and Lohrer, D. (2015). ANZECC Guidance for Estuary Sedimentation, <<https://www.mfe.govt.nz/sites/default/files/media/Fresh%20water/NIWA-ANZECC-Estuary-Sedimentation-Final.pdf>> (accessed 20 August 2019).

1. **GENERAL GUIDELINES**
   * Maintain consistent tense in your report.
   * Weed out any typographical errors.
   * Write the numbers 0 to 9 in words and the numbers > 9 in figure.
   * Repetitions in the titles of figures and tables be strictly avoided.
   * All tables and figures included in the report shall be referred in the text.
2. **SUBMISSION GUIDELINES**

Students **shall** follow the following guidelines for final submission.

* First, get draft copy of your report approved, signed and certified by your guide.
* Once the report is approved, submit an appropriate number of copies (mentioned below) of final report in hard bound form.
* Minimum Number of pages in the report should be 20 pages, excluding front pages i.e., starting from Chapter 1 of report.
* The hard bound copies should be printed on bond paper (90 GSM).
* The number of copies to be submitted is **no. of student/s + 2 (Departmental Library & Guide).** The hard bound copies of your report should be submitted within the given deadline. Late submission may not be acceptable. Make sure that the certificate in your report is signed by concerned authorities before you make the final submission of the report.

1. **Binding:**

The final hardbound copies to be submitted in spiral binding to the guide after the external examination.

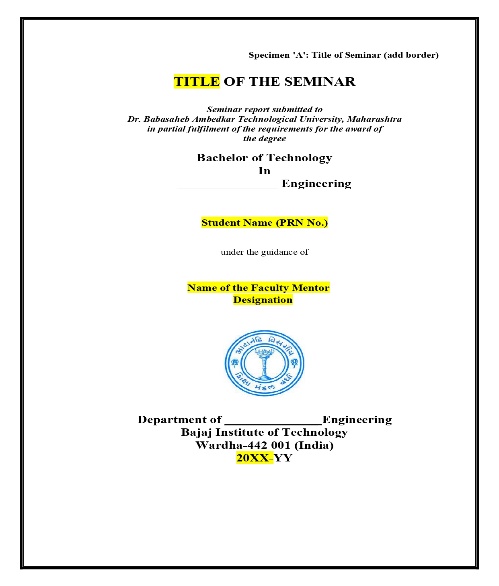
***Keep this Blank***

**Cover Page**

**(Printed in Black)**

**Spiral Binding**

**Back Cover**



Specimen of Binding’s Cover Page