# MINOR PROJECT

# ON

# FUNCTIONAL SCIENCE

For the partial fulfilment of the requirement for award of

**Diploma in Computer Science & Engineering**



## Guru Nanak Dev Polytechnic College,

## Gill Park, Ludhiana

## SUBMITTED TO:

Dr. Hardeep Singh Jawanda

HOD Computer Science & Engineering Department

## SUBMITTED BY:

Simarjot Singh

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**BATCH: 2021-24**

# CANDIDATE's DECLARATION

I, Simarjot Singh, hereby declare that the project report titled "Functional Science Website" submitted by me to Guru Nanak Dev Polytechnic College Ludhiana in partial fulfilment of the requirements for the award of the diploma in C.S.E is my own original work and has not been copied from any other source. I have not submitted this project report for any other diploma.

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Simarjot Singh

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Internal Examiner                                                           External Examiner

# ACKNOWLEDGEMENT

I also take this opportunity to express a deep sense of gratitude to the Principal **Mrs. Sarbjit Kaur**, Guru Nanak Dev Polytechnic College for her cordial support.

I would like to express our special thanks to our teachers **Dr. Hardeep Singh Jawanda, Prog. Prabhjot Kaur** who gave us golden opportunity to do this project on **"Functional Science"**, who also helped us in doing a lot of research and I came to know about many new things. I are really thankful to them. Secondly, I are thankful to our parents and friends who helped us a lot in making this project in this limited time.

I are not only making this project for marks, but also for increasing knowledge. I have taken efforts in this project. Holver, it would not have been possible without the help and kind support of many individuals and organisations, I would like to extend my sincere thanks to all of them. I thank our God for providing us with everything that I required in completing our project. I would like to express our special gratitude towards our parents for their kind cooperation and encouragement which helps us in the completion of this project.

Our thanks and appreciation also to our classmates in developing the project and to the people who have willingly helped us out with their abilities.

# <u>PREFACE</u>

I are grateful for the opportunity to have undergone this minor project at Guru Nanak Dev Polytechnic College, Gill Park, Ludhiana, during the fifth semester of our Diploma in Computer Science and Engineering. I have strived to make this report a comprehensive overview of the job opportunities and work potential for budding computer engineers in the PoIr and IT Industry, from both technical and commercial perspectives.

Experience is undoubtedly a great teacher and a valuable asset. HoIver, the importance of sound theoretical knowledge should never be overlooked, as mere experience can only take one so far. The purpose of this minor project is to familiarise students with the current state of technology in India and the world, and to give them an opportunity to study the latest technical trends, both established and emerging. Moreover, this project aims to help students feel confident that what they are learning in this semester will be beneficial to their future careers and help them develop their potential and technical skills.

I would like to express our sincere gratitude to our project guide **Dr. Hardeep Singh Jawanda, Prog. Prabhjot Kaur** for his guidance and support throughout this project. I would also like to thank our classmates and friends for their help and encouragement.

I hope that this project will be a valuable resource for students and teachers of computer science and engineering. I are open to any feedback or suggestions that you may have.

# Project Abstract

This project aims to develop a functional Website that provides notes, books, assignments, and sample papers for class nine and ten students. The Website will be designed to be a comprehensive resource for students, providing them with everything they need to succeed in their studies.

The Website will be divided into four main sections:

- Notes: This section will contain detailed notes on all of the subjects taught in class nine and ten. The notes will be written in a clear and concise style, and will be accompanied by diagrams and examples to help students understand the concepts.
- Books: This section will contain a list of all of the recommended textbooks for class nine and ten students. The list will include information on the authors, publishers, and prices of the books.
- Assignments: This section will contain a variety of assignments for class nine and ten students. The assignments will be designed to help students practise the concepts they have learned in class.
- Sample Papers: This section will contain a collection of sample papers for class nine and ten students. The sample papers will be based on the latest syllabus and examination pattern.

The Website will be designed to be user-friendly and accessible to a wide range of students, including those with limited technical skills. The Website will be mobile-friendly and will be accessible from any device with an internet connection.

The Website is expected to be beneficial for students in a number of ways. The Website will provide students with a single location where they can access all of the resources they need to succeed in their studies. The Website will also help students to save time and money, as they will no longer need to purchase multiple textbooks or travel to different places to find the resources they need.

The Website is also expected to be beneficial for teachers. The Website will provide teachers with a resource that they can use to supplement their teaching. The Website can also be used by teachers to create and distribute assignments and assessments.

Overall, the proposed Website is a comprehensive and user-friendly resource that will be beneficial for both students and teachers.

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