

INTER/ INTRA INSTITUTIONAL INTERNSHIP PHASE-1

An internship report submitted for the partial fulfillment of academic
requirements for the award of Degree

of

BACHELOR OF ENGINEERING

In

INFORMATION SCIENCE & ENGINEERING

SUMMER INTERNSHIP (21IS4I01)

Submitted by

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Under the Guidance of

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Department of Information Science & Engineering The
National Institute of Engineering

(An Autonomous Institute under Visvesvaraya Technological University, Belagavi)

Manandavadi Road, Mysuru 570 008, Karnataka, INDIA

2022-2023



The National Institute of Engineering, Mysuru

(An Autonomous Institute under Visvesvaraya Technological University, Belagavi)

Manandavadi Road, Mysuru – 570 008, Karnataka, INDIA



- Recognized by AICTE, New Delhi
- Accredited by National Board of Accreditation, New Delhi
- Grant-in-Aid by Government of Karnataka

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

CERTIFICATE

Certified that the “Summer Internship (21IS4I01)” carried out by , Samarth Dattatreya Astekar(4NI21IS090), Parthik S(4NI21IS079),Narendra Babu(4NI21IS060) a bonafide students of 3rd Semester has submitted in partial fulfillment for the award of Bachelor of Engineering Degree in Information Science and Engineering of The National Institute of Engineering, Mysuru, an autonomous institute under Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all suggestions/ corrections suggested during Internal Assessment have been incorporated in this report.

The internship report has been approved as it satisfies the academic requirements in respect of Internship Work prescribed for the award of the said Degree.

Signature of the Guide

Mr Pradeep Kumar H S
Assistant Professor

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Name of the Examiner

Signature of the HoD

Dr.S Kuzhalvaimozhi
Prof. and Head

Dept of ISE, NIE, Mysore

Signature of the Principal

Dr. Rohini Nagapadma
Principal

NIE, Mysuru

Signature with Date

DECLARATION

We, Samarth Dattatreya Astekar(4NI21IS090), Parthik S(4NI21IS079), Narendra Babu(4NI21IS060) students of 3rd semester of UG programme, Department of Information Science and Engineering, The Assistant Professor National Institute of Engineering, Mysuru, hereby declare that the Summer Internship (21IS40I01) work has been carried out by us under the guidance of Mr Pradeep Kumar H S, Assistant Professor Dept of ISE, NIE, Mysore.

This internship work is submitted to The National Institute of Engineering, Mysuru, (An Autonomous institute under VTU, Belagavi) in partial fulfillment of the course requirements for the award of degree in Information Science and Engineering during the academic year 20222023.

Place: Mysuru

Date: 15-10-2022

USN:

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We are extremely thankful to Dr. Rohini Nagapadma, Principal, NIE, Mysuru, for providing the opportunity and everlasting motivation to carry out an internship and shape our careers.

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We extend our gratitude to our internship supervisor Mr Pradeep Kumar H S, Assistant Professor, Dept of Information Science and Engineering, NIE, Mysore and Internship Coordinator Mrs. Mayura D Tapkire, Assistant Professor, Dept. of Information Science and Engineering, NIE, Mysuru, for her support and guidance over the entire course of work.

We take this opportunity to thank all our friends, classmates who always stood by us in difficult situations also helped me in some technical aspects, and last but not least, we wish to express our inspiration and sense of gratitude to our parents who were a constant source of encouragement and stood by us as a pillar of strength for completing this work and course successfully.

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CHAPTER 1

INTRODUCTION

1.1 Objective

The objective of the project is to design a website using different web development tools such as HTML, CSS, JAVA SCRIPT etc.

Through this project we want to show the diversity in culture in our own college and gave a glimpse of culture of some of the north Indian states. It also aims at promoting the various cultures of India and promotes the tourism of the different states.

1.2 Web Technologies Used

We used HTML and CSS to design our webpage but we couldn't use Javascript . HTML: HTML is the standard markup language for Web pages. With HTML you can create your own website.

CSS: CSS stands for Cascading Style Sheets.

CSS saves a lot of work. It can control the layout of multiple web pages all at once. JavaScript: This language is used to make a static website dynamic from the frontend itself.

HTML to define the content of web pages.

CSS to specify the layout of web pages.

JS is used to pop a prompt message indicating which page you're visiting.

CHAPTER 2

PROPOSED SYSTEM

2.1 Project Scope

The technical challenges of designing and developing a web page are only one aspect of this project. Major part of the project is to acquire the desired knowledge, skills and experience to build an informative website, based on the examination and analysis of user requirements and doing so in just few sessions was challenging too as we had no clue about web designing. We had tried our best and completed the project in time.

2.2 Project Features

In this project we have made a webpage so that we can submit the application form for management quota. We have used our college name and tried to create something new which is not in the college website i.e., creating a webpage separately for submitting the application for management quota admission.

We have used html codes. CSS both inline and internal. We didn't go for external. And talking about javascript we tried to use it but we couldn't make it as it was too complicated. But it was challenging and we take this challenge and try to learn javascript and make good webpages in future. We are a 3 member team. And we have divided the work equally.

CHAPTER 3

SYSTEM DESIGN

3.1 Introduction

Our design consists of four web pages. The first one is the home page which has the overview about our college a picture of our campus and it has 3 links through which we will be directed to other webpages and the social media links are consistent in both Home page and application page. We have used the original social media links and location of our college.

3.2 Write-up on the work

In our 3 member team the work was divided as 1 should write the html code. 1 to write the css code. And 1 for the form tags and linking the pages. Idea was made collectively and contributions were equal. We didn't use any templates in our web page that's why its not that good looking. But we are proud about our work. Whatever we had learnt we had reflected it in our work.

CHAPTER 4

IMPLIMENTATION

We have made this project using HTML and CSS. Different tags are used to design the webpage. In this webpage only inline and internal css selectors are used. * universal selector. # id selector were used.

4.1 Home page

In home page we have used the stretch feature and used a image as border and written the text "Empowing you to create a new world". We have provided the webpage link for documents required which is of nie website. We have used smooth scroll feature in order to go to placements information. We have made a table in which we will get to know about the branches and their respective intakes. We have given a link for application webpage through <a> tag.

4.2 Application page

Through the <a> tag in the home page we will get into this page in this page mainly form tag is used in order take the responses from the user like name, date of birth, branch etc. We have used pop-up calendar and for branch options are given. We have also given separate links for contact details, social media links and terms and conditions and its checkbox. Here also <a> was used alot.

CONCLUSION

On the whole, this internship was a useful experience. We have gained new knowledge, skills and interacted with different programming brains. We achieved several of our learning goals, however for some the conditions did not permit. The internship was also good to find out what my strengths and weaknesses are. This helped me to define what skills and knowledge we have to improve in the coming time. It would be better that the knowledge level of the language is sufficient to contribute fully to projects.

As first year students we got to learn so much from this internship within the timespan of just five days. This was a rapid project experience and will surely enhance our skills for our upcoming projects.

We are very thankful to our teachers and all the faculty members for providing us such a comfortable environment during the learning process.

FUTURE ENHANCEMENTS

In today's world, internet is the first go to thing when a person wants to know about something or have some knowledge about anything. The websites are an integral part of the internet network as they store the information and serve as a source to provide it to the users.

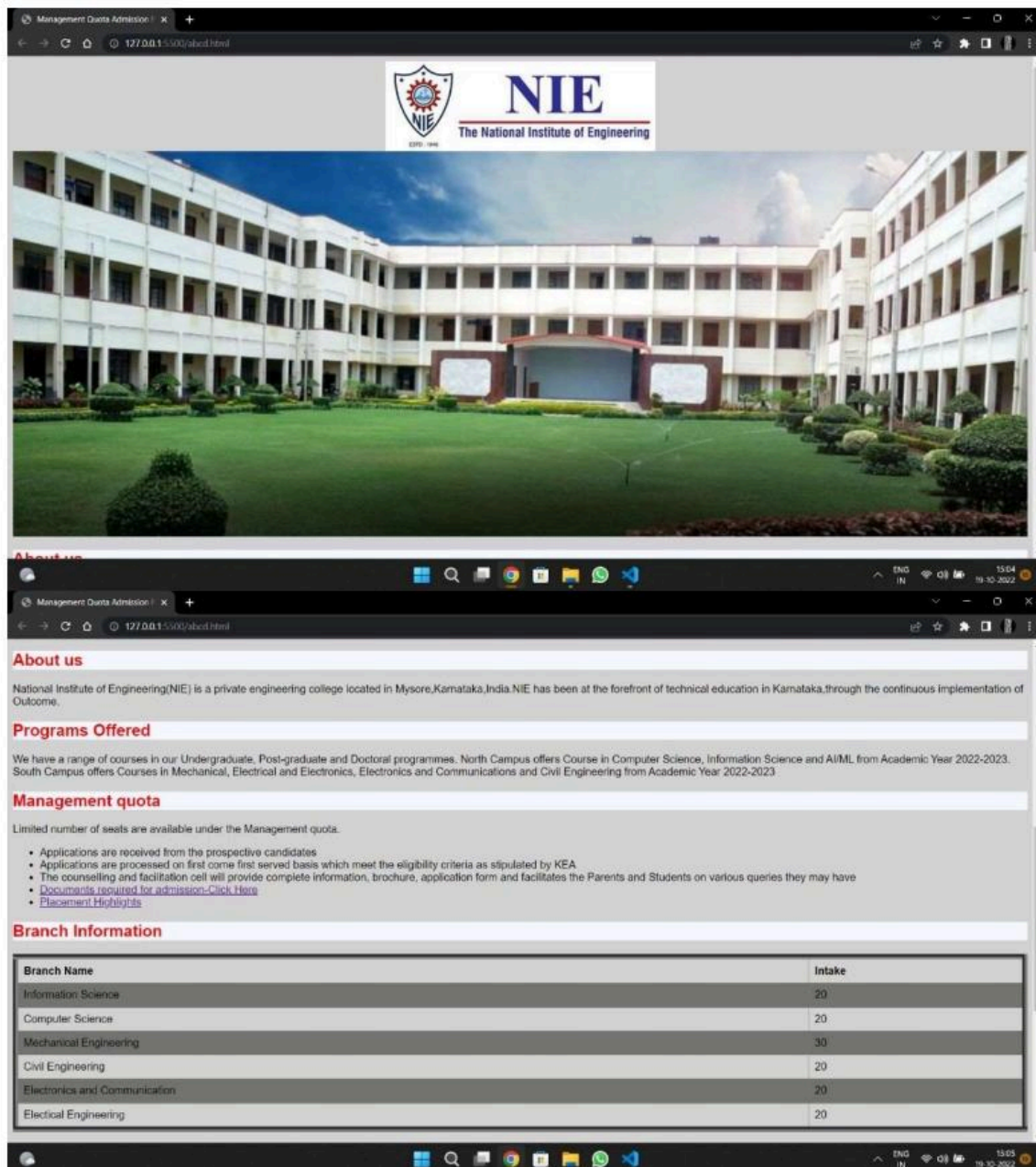
In order to attract the users, the websites should be designed sufficiently so that the layout or the structure looks decent in appearance. As technology is spreading rapidly in the present and will expand at a faster rate in the coming future, the number of web site making companies are increasing day by day. So, the design of the website should be frequently updated in order to match up the with the time and also competition.

We will be modifying our site so that a great number of users can visit it and take knowledge from it as much as possible. For now, our site contains the information of three states i.e., Rajasthan, Uttar Pradesh and Bihar. We have the idea of upgrading the website such that it will contain the information and the major features of all the states of India and the user will have the ease of getting the knowledge of the desired state within a single website. Also, the styling and designing of each page can be updated according to user's demand.

REFERENCES

1. For the html and CSS tags and attributes: <https://www.w3schools.com/>
2. For college related information: <https://nie.ac.in/>

SCREENSHOTS



The screenshot displays the official website of The National Institute of Engineering (NIE). The header features the NIE logo and name. Below the header is a large image of the college's main building, a multi-story white structure with a central entrance and a green lawn in front. The website content includes an 'About us' section, 'Programs Offered' section, a 'Management quota' section, and a 'Branch Information' section. The 'Branch Information' section contains a table listing various engineering branches and their respective intakes.

About us

National Institute of Engineering(NIE) is a private engineering college located in Mysore,Karnataka,India.NIE has been at the forefront of technical education in Karnataka,through the continuous implementation of Outcome.

Programs Offered

We have a range of courses in our Undergraduate, Post-graduate and Doctoral programmes. North Campus offers Course in Computer Science, Information Science and AIML from Academic Year 2022-2023. South Campus offers Courses in Mechanical, Electrical and Electronics, Electronics and Communications and Civil Engineering from Academic Year 2022-2023.

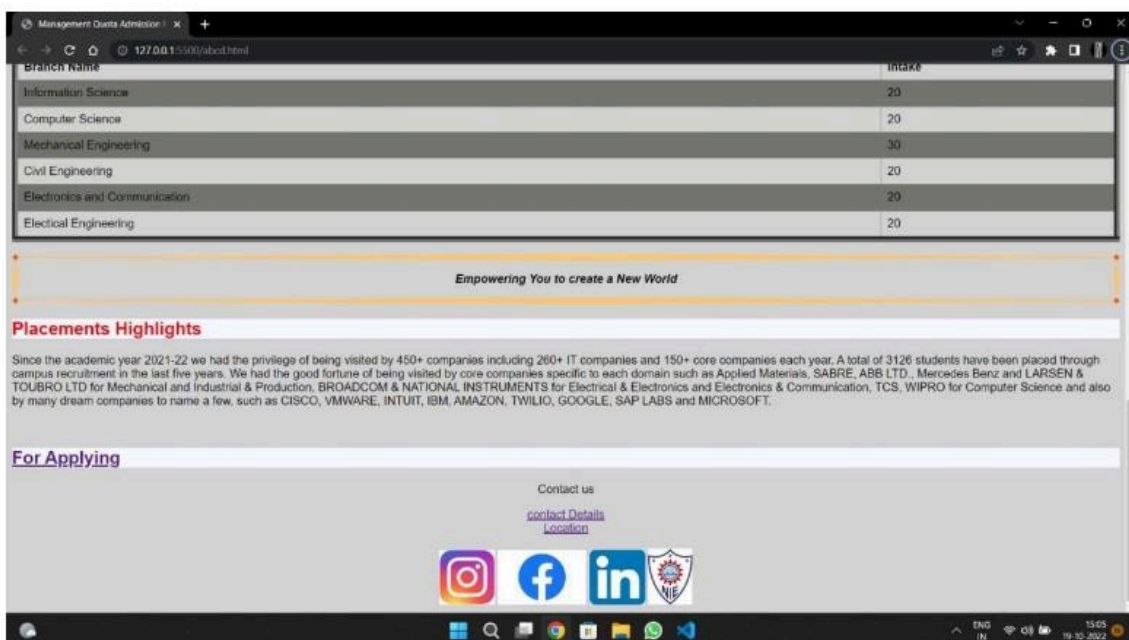
Management quota

Limited number of seats are available under the Management quota.

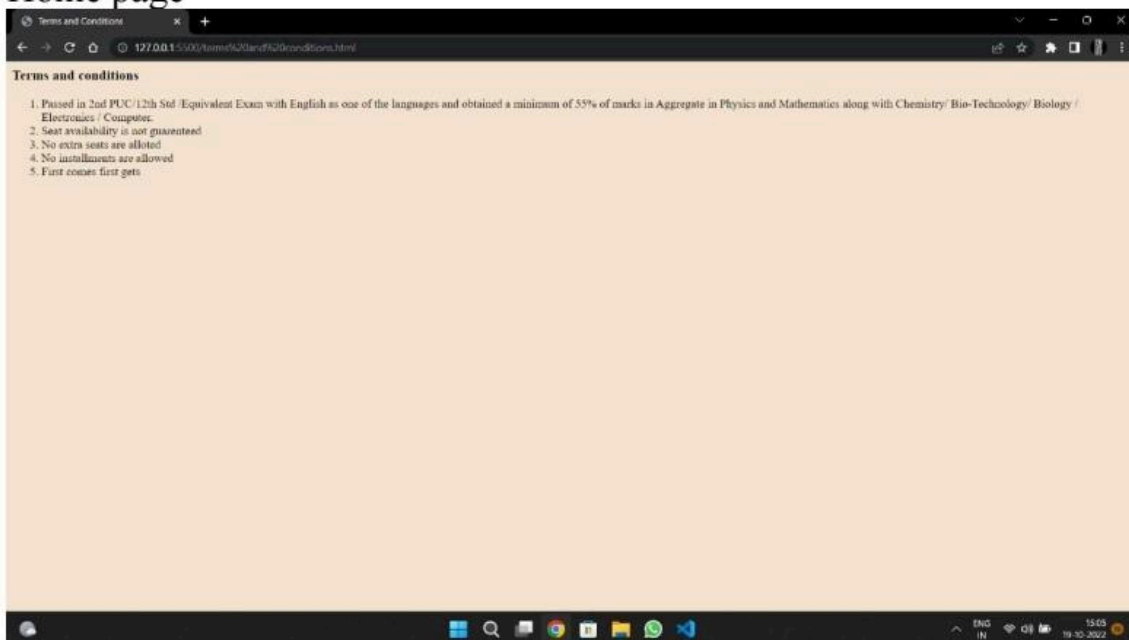
- Applications are received from the prospective candidates
- Applications are processed on first come first served basis which meet the eligibility criteria as stipulated by KEA
- The counselling and facilitation cell will provide complete information, brochure, application form and facilitates the Parents and Students on various queries they may have
- [Documents required for admission-Click Here](#)
- [Placement Highlights](#)

Branch Information

Branch Name	Intake
Information Science	20
Computer Science	20
Mechanical Engineering	30
Civil Engineering	20
Electronics and Communication	20
Electrical Engineering	20



Home page



Terms and Conditions web page

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5500/application.html'. The page title is 'Application form'. The form contains the following fields and elements:

- Student Name:
- Student Age:
- Email ID:
- Phone Number:
- Date of Birth:
- Gender:
- Address:
- State:
- PUC Percentage:
- Choose a Branch:
- [Terms and conditions](#)
- agree with terms and conditions ☐
- [Submit](#)
- [Contact us](#)
- [Contact Details](#)
- [Location](#)

The browser's taskbar at the bottom shows the Windows logo, search icon, and several application icons. The system tray on the right indicates the language is 'ENG IN', the date is '19-10-2022', and the time is '15:05'.

Application of web page