REPORT

ON

TWO WEEKS OF INTERNSHIP I
Carried out on

EDU FORUM

Submitted to

NMAM INSTITUTE OF TECHNOLOGY, NITTE

(Off-Campus Centre, Nitte Deemed to be University, Nitte - 574 110, Karnataka, India)

In partial fulfillment of the requirements for the award of the

Degree of Bachelor of Technology

in

Computer Science and Engineering

By

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USN **NNM22CS151**

Under the guidance of

Dr. Sandeep Kumar Hegde

Associate Professor, Department of Computer Science and Engineering.

CERTIFICATE

This is to certify that the "Internship report" submitted by **Mr. Sahith Sundara Poojary** *bearing USN* **NNM22CS151** *of* ***I year B.Tech.****, a bonafide student of NMAM Institute of Technology, Nitte, has undergone two weeks of internship*

*"**EDU FORUM**" during December 2022 fulfilling the partial requirements for the award of degree of Bachelor of Technology in* **Computer Science and Engineering** *at NMAM Institute of Technology, Nitte**.*

Name and Signature of Mentor   *Signature of Dean (Academics)*

Acknowledgement

The internship opportunity of *"creating an educational website"* was a great chance for learning and developing personal and professional editorial skill.

We dedicate this page to acknowledging and thanking those responsible for shaping the project. Without their guidance and help, the experience while constructing the dissertation would not have been so smooth and efficient.

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Abstract

The role of education in assisting social and economic progress is well accepted. Access to education is critical to access emerging opportunities that supplement economic growth. Taking into consideration this accepted fact, there has been the main thrust on education, since the country achieved its independence. But as far as guaranteeing quality education in rural India is concerned, it has been one of the major challenges for the government. India viewed education as the best way of promoting social change. Soon after gaining independence in 1947, making education available to all has become a priority for the government. The education sector has received considerable attention in the budget for 2011-2012, which has broadcasted a significant increase of 24 percent in the total allocation for the education sector. The operational reforms have been reviewed to implement the right of children to free and compulsory education, which has come into effect from 1 April 2010 (Rural Education, 2011).

With developments taking place in the system of education in rural areas, the rural communities are able to recognize the significance of education and sustain their livelihoods better. In order to help the rural area students to get a good education at less cost and easy access for their learning, we have created a website for their easy and good learning.

1. Introduction

1.1 Details of the internship undergone

 Now a day's education is not properly available to all the students. Only the people living in urban areas get the proper education facility and good colleges, whereas in rural areas they get education but not in the proper form. They get less education facilities and poor college ideas. Specifically, to help the rural area students with education we have created a website which will give the student an easy access and an effortless way to study for their exams.

This website is mainly for the students of classes from 10th – 12th (PUC) so that any student from 10th to 12th can easily get the various types of question banks, scholarships, study material, question papers of CET, JEE Mains and other competitive exams of Karnataka and also information of different scholarships and sports information too which will help the students with right education facility.

1.2 System requirements specifications

Software requirements:

 Operating System: Windows

 Coding Language: HTML, CSS...

 Database: WordPress, My SQL.

Hardware Requirements:

Processor: Intel core i5

Memory: 8GB RAM

1.3 TECHNOLOGY USED

1.WordPress

WordPress is a content management system (CMS) that allows you to host and build websites. WordPress contains plugin architecture and a template system, so you can customize any website to fit your business, blog, portfolio, or online store

WordPress uses different programming languages: HTML and CSS WordPress has two kinds of editors: visual and text (HTML) editor. In the classic editor, you can switch from the visual editor to the HTML editor easily because they are located side by side. But that is not the case with the newly introduced Gutenberg editor.

2.HTML

HTML is the standard mark-up language for creating Web pages. HTML stands for Hypertext Mark-up Language HTML describes the structure of Web pages using mark-up HTML elements are the building blocks of HTML pages HTML elements are represented by tags HTML tags label pieces of content such as "heading", "paragraph", "table", and so on.

3.CSS

Cascading Style Sheets, fondly referred to as CSS, is a simply designed language intended to simplify the process of making web pages presentable. CSS allows you to apply styles to web pages. More importantly, it enables you to do this independent of the HTML that makes up each web page.

1.4 Scope

A recent study made by the World Economic Forum showed that after the United States, India has the largest number of online course enrollments with more than 2,00,000 students. Reputed universities offer top-notch certified online courses, bringing world-class professors and instructors to impart learning to the students.

- Indian students are highly enthusiastic about the concept of online education. They get a chance to showcase their skills and capabilities in an interactive and advanced environment.
- Online courses certification programs eliminate the financial and geographical barriers to receiving a high-quality education.
- The main purpose of education is to achieve upward mobility. Online courses certification programs have been able to provide inexpensive education to the masses and also save time, energy and money.
- Electronic learning through certified online courses provides a wide range of courses that caters to the core interests of the student, thus creating a fertile arena for future advancement.
- In the modern age, access to information is the key to professional success. Gone are the days when education and learning were confined to colleges and universities. In the digital age, learning is open to all. E-learning is a boon to people who face obstacles in getting a traditional college education. Online learning has revolutionized the knowledge economy on a global scale.

Some of the benefits of online education are:

1. Online education is 53% cheaper than offline education.

2. It saves time, money, and energy.

3. Through it, you can gain a proliferation of effective information while sitting at home.

4. Physically disabled people can procure degrees and build their career through online learning effortlessly.

5. Online education offers live query solutions like chat rooms, online forums, and e-mails.

6. Through online diploma courses, students can increase their qualifications and enhance their career opportunities.

1.5 Importance

- Online education is convenient
- Educational websites are cost-effective
- E-learning reduces studying time
- It helps the student with their requirements for the exams by providing question banks, etc.
- Provides the information of the required institutes and universities.

1.6 Objectives

The objectives of rural education have been stated as follows:

1. To Provide Free Standard Education to the Children belong to rural communities.

2. The children should be supported for higher education in rural areas with the help of website.

3. Guiding and supporting research scholars in educational development.

4. Implementation of new teaching methodologies and the system of assessment.

5. Promoting a stress-free and amiable atmosphere.

2. RESULT

The chapter discusses the result obtained with the proposed internship webpage EDU FORUM. The result obtained with this webpage are as below.
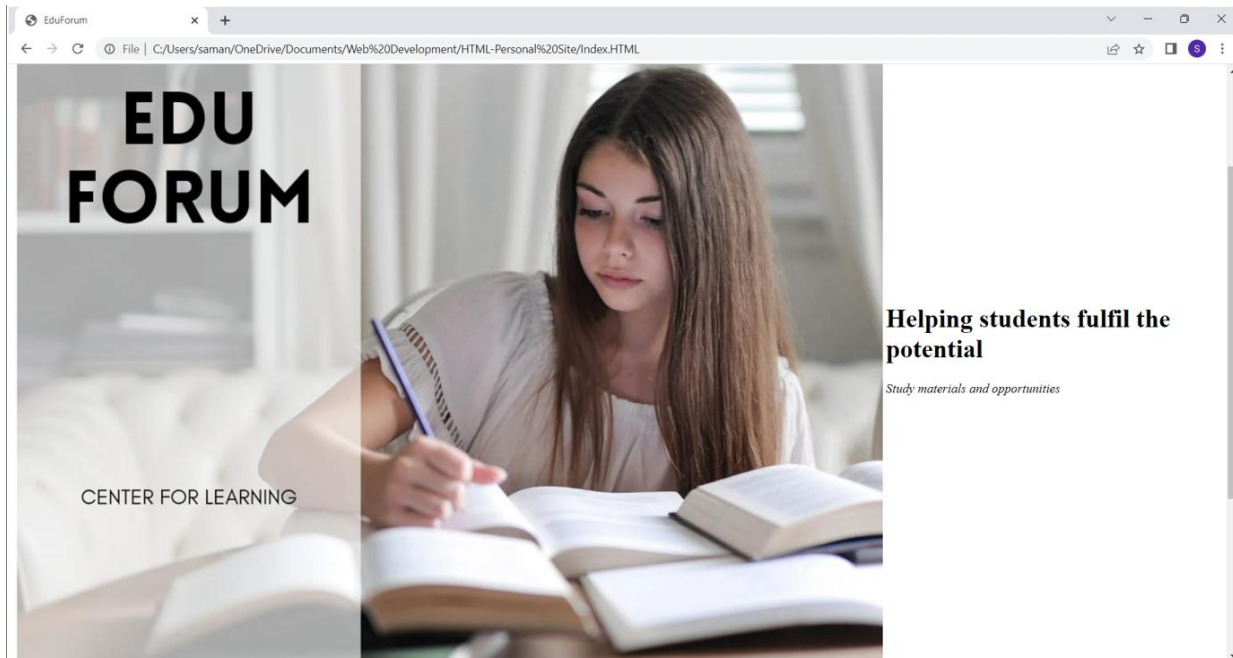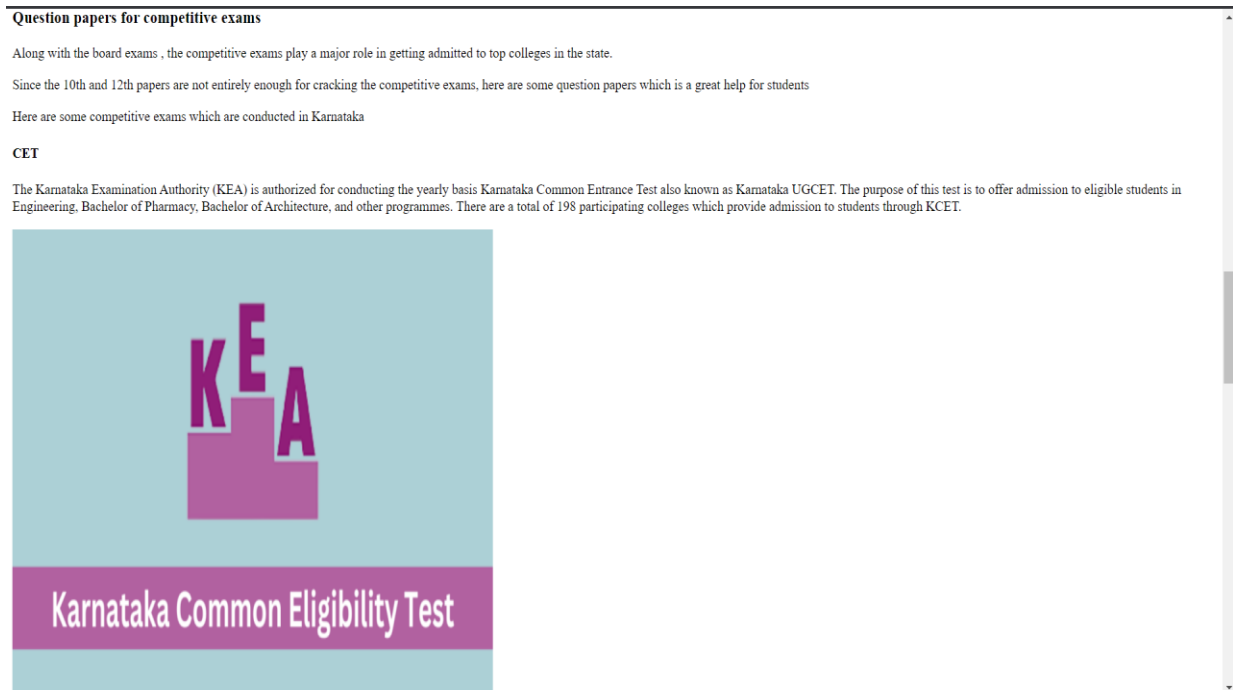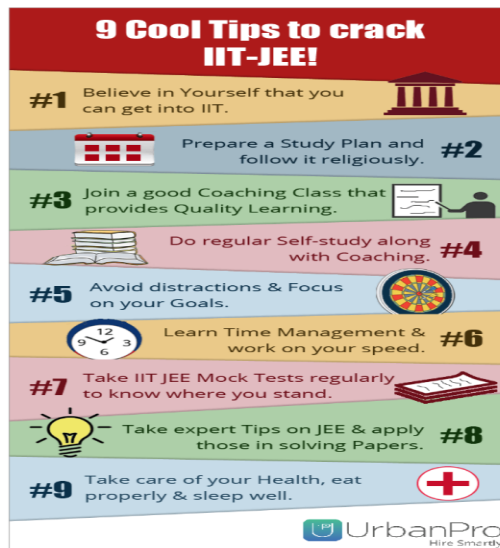

Figure1: Website homepage.

Figure 2(a): K.E.A. Website information page.

JEE

The Joint Entrance Examination (JEE) is an engineering entrance assessment conducted for admission to various engineering colleges in India. It is constituted by two different examinations: the JEE-Main and the JEE-Advanced.

JEE-Main is conducted by National Testing Agency (NTA). JEE-Main has two papers, Paper-I and Paper-II. Candidates may opt for either or both of them. Both papers contain multiple choice questions. Paper-I is for admission to B.E./B.Tech courses and is conducted in a Computer Based Test mode. Paper-II is for admission in B.Arch and B.Planning courses and will also be conducted in Computer Based Test mode except for one paper, namely the 'Drawing Test' which shall be conducted in Pen and Paper mode or offline mode. From January 2020 onwards, an additional Paper-III is being introduced for B.Planning courses separately.

Figure 3: JEE Website information page.

The National Eligibility cum Entrance Test (Undergraduate) or NEET (UG), formerly the All India Pre-Medical Test (AIPMT), is an all India pre-medical entrance test for students who wish to pursue undergraduate medical (MBBS), dental (BDS) and AYUSH (BAMS, BUMS, BHMS, etc.) courses in government and private institutions in India and also, for those intending to pursue primary medical qualification abroad.

The exam is conducted by National Testing Agency (NTA), which provides the results to the Directorate General of Health Services under Ministry of Health and Family Welfare and State Counselling Authorities for seat allocation

There are a total of 180 questions asked in the exam, 45 questions each from Physics, Chemistry, Botany and Zoology. Each correct response fetches 4 marks and each incorrect response gets -1 negative marking. The exam duration is 3 hours 20 minutes (200 min). The exam is of 720 marks (maximum marks). Since 2021, there has been a significant alteration in the format of the question paper. The latest structure includes two sections, i.e. A and B, in all four subjects, namely Physics, Chemistry, Botany, and Zoology. Section A comprises 35 mandatory questions, while Section B contains 15 questions, out of which 10 questions are to be answered, leading to a total of 200 questions, with 180 questions that can be answered.

Click for NEET papers

Figure 4: NEET Website information page.

Name			Modified	File size	Sharing
03-04-2016-Set-E.pdf			14 days ago	909 KB	Shared
03-04-2016-Set-F.pdf		…	14 days ago	894 KB	Shared
03-04-2016-Set-H.pdf			14 days ago	860 KB	Shared
9-JAN-2019-SHIFT-1_PROOF-READ-DONE_....			14 days ago	243 KB	Shared
2016-Set-G.pdf			14 days ago	898 KB	Shared
2017-Set-A (1).pdf			14 days ago	859 KB	Shared
2017-Set-A.pdf			14 days ago	859 KB	Shared
2017-Set-B.pdf			14 days ago	854 KB	Shared
2017-Set-C.pdf			14 days ago	845 KB	Shared
2017-Set-D.pdf			14 days ago	839 KB	Shared
Chemistry-with-Answer-paper-1.pdf			14 days ago	326 KB	Shared
JEE-Main-2020-7th-Jan-Shift-1-Chemistry.p...			14 days ago	716 KB	Shared
JEE-Main-2020-7th-Jan-Shift-1-Maths.pdf			14 days ago	1.17 MB	Shared
JEE-Main-2020-7th-Jan-Shift-1-Physics.pdf			14 days ago	311 KB	Shared

Figure 2(b): CET Question Bank PDF's.

Name			Modified	File size	Sharing
Biology QP 2017.pdf			14 days ago	176 KB	Shared
Biology QP 2018.pdf			14 days ago	1.55 MB	Shared
Biology QP 2019.pdf			14 days ago	6.80 MB	Shared
Biology QP 2020.pdf		…	14 days ago	5.34 MB	Shared
Chemistry QP 2016.pdf			14 days ago	927 KB	Shared
Chemistry QP 2017.pdf			14 days ago	271 KB	Shared
Chemistry QP 2018.pdf			14 days ago	1.30 MB	Shared
Chemistry QP 2019.pdf			14 days ago	4.57 MB	Shared
Mathematics QP 2016.pdf			14 days ago	691 KB	Shared
Mathematics QP 2017.pdf			14 days ago	378 KB	Shared
Mathematics QP 2018.pdf			14 days ago	1.28 MB	Shared
Mathematics QP 2019.pdf			14 days ago	4.21 MB	Shared
Mathematics QP 2020pdf.pdf			14 days ago	4.33 MB	Shared
PHYSICS 2016.pdf			14 days ago	2.10 MB	Shared
PHYSICS 2020.pdf			14 days ago	5.40 MB	Shared

Figure 3(b): JEE Question Bank PDF's.

3. CONCLUSION

Overall, through this website students are able to get the required information of their interested institutions, various scholarships, sports events, also the study materials and different entrance exam question banks. Which will help the students to get the right information at the right time. This will give the right path for the rural students in their education and will be a part of their success. It will be help to the students who are facing difficulties in clearing the JEE MAINS, CET, NEET level exams. It will also provide scholarships available for poor people. To conclude, it is an online friend to help the students.

REFERENCE

Link to the website....

→ https://eduforum.github.io/Web-development/

To learn about the software required to use, we used:

→ https://www.youtube.com/watch?v=GlLRYml8mCY
→ https://www.youtube.com/watch?v=PQaB0HDdTTg
→ https://www.w3schools.com/html/default.asp