

Department of Computer Science and Engineering

G.PULLAREDDY ENGINEERING COLLEGE (AUTONOMOUS):KURNOOL

(Affiliated to JNTUA, ANANTHAPURAMU)



A Report on “G.PULLAREDDY DENTAL COLLEGE AND HOSPITAL (GPRDCH)” website developed in 2017

Abstract

The website “GPRDCH” is designed in such a way that it emphasizes about the college courses, departments and hospital facilities. The site is designed in a very user friendly manner and can be understood by everyone. The main aim is to give the detailed information about the college and it’s functioning. It’s interface is designed in such a way that a layman can easily understand and get to know about the college. Alumni of the college can register, login and can know the activities which are taking place in the college. The website is designed in such a way that all the faculty and students can enter into website without any authentication.

Tools : XAMPP SERVER, Web Browser, Notepad++.

Languages Used : PHP, Java Script, CSS, HTML, SQL.

Contents

1. Introduction
2. Requirements specification
3. Description of GPRDCH
4. Benefits of the website

1. Introduction

This section gives description and overview of everything included in this report. Also, the purpose for this document is described and system overview along with goal and vision are listed.

1.1. Problem Statement

For admission seekers, they need information about the college and notifications, Professors details, Departments and college infrastructure etc. All this information may not be available at one place. So we come up with an idea to design a website where users can get the required information.

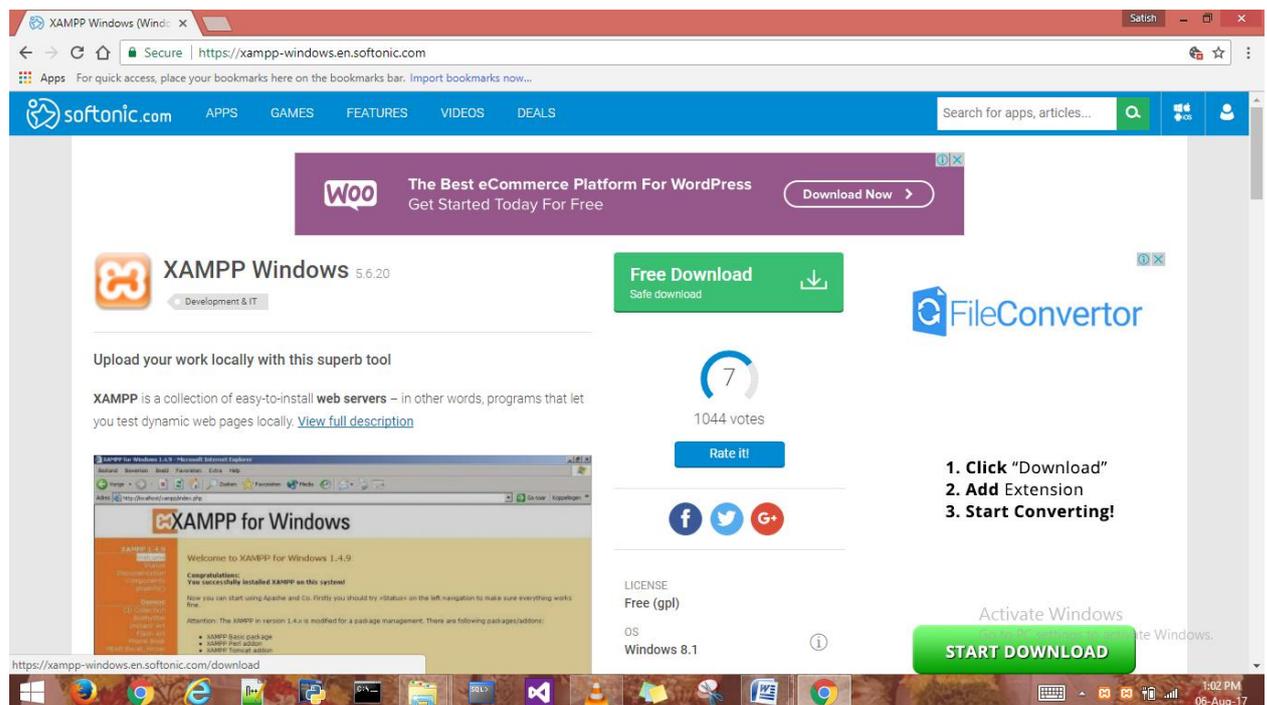
1.3. Goal & Vision

The main aim of this site is to provide the user-friendly interface which gives the complete information and details about the dental college and hospital.

2. Requirements Specification

2.1 Requirements:

- Browser(Chrome/Firefox/Internet Explorer),
- Notepad++ Editor, Xampp server.



XAMPP is an easy to install Apache distribution for Windows, Mac OS X, Linux and Solaris. The package includes the Apache web server, MySQL, PHP, Perl, a FTP server and phpMyAdmin. XAMPP has been designed to be the easiest way to install and run a development server. There are numerous other WAMP packages available, but XAMPP is one of the most complete on offer. In addition to Apache, MySQL, and PHP, XAMPP includes other really useful tools such as the phpMyAdmin database administration tool, FileZilla FTP server, Mercury mail server, Perl programming language, and JSP server Tomcat.

In the XAMPP control panel you can configure the above services with ease. XAMPP can also install an administration site as the home page of the server. From which you can undertake all manner of administrative tasks, such as checking the server status and security, launch tools like php, MyAdmin and analytics. You can also view PHP demos which can be of use for those developers who are just starting out.

Overall, XAMPP is a great tool for anyone looking to get a full development server up and running within quick time constraints. The only issue that we can see, is that because it is so easy to setup, it doesn't have the security features for this to be used as a production server. However, if you really need to make the server Web accessible, then you can do so, albeit against the advice of the Apache Friends development team.

2.2. Performance Requirements

Since the system use REST based server client architecture, and use the large source information from distant server, it fetch data from internet. Internet bandwidth is major performance parameter. As System uses wikipedia as source of massive data, multiple request and response is needed to handle in quick time for instant result back to user. Large system queries is handled by the fast operating systems for both the mobile and the web based process. Worker are used to provide faster HTTP Request handling.

2.3. Hardware Requirements

To access a web portal of this application, its only need a PC/Laptop/Mobile with an integrated and updated web browser.

Desktop browser : Safari, Chrome, Firefox, Opera, IE9+.

Mobile browsers : Android, Chrome Mobile, iOS Safari.

On the server side , a PC/Web Server which meets these specifications:

1. Ubuntu Operating System or Windows (any version from Windows XP)
2. XAMPP(5.6.28) Server Installed.
3. Disk Capacity :1TB
4. Disk Latency :70-80 MB/sec
5. CPU speed :147,600 MIPS at 3.3 GHz
6. RAM memory :8-32 GB

3. Description

The site is designed in the way as the requirements mentioned by different stakeholders of the dental college and hospital.

Homepage:

G Pulla Reddy Dental College & Hospital
Dental College and Hospital, Kurnool, A.P., India.
Recognised by Dental Council of India, New Delhi. Affiliated to Dr.NTR University of Health Sciences Andhra Pradesh

11:16:18 AM
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G Pulla Reddy Dental College & Hospital
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THE NEXT GENERATION OF DENTAL KNOWLEDGE.....

"As the emphasis is on imparting the best of education - on par with international standards - a core team of eminent professionals undertake this task. They include Senior Professors from prestigious Dental Colleges, Resident Professors and Visiting Faculty members from premiere institution in India and abroad".

The College works as a single structural and functional unit with mutual cooperation of all its constituents and delivers a modern integrated BDS program and MDS program.

Our students master a rigorous program and superbly equipped to meet the challenges that they'll face as dental professionals head on. The institution creates a friendly atmosphere in which male and female students from different communities and backgrounds practice religious tolerance as well as mutual cooperation to achieve common goals.

The College is committed to inculcating positive virtues of discipline, moral commitment and accountability. Curricular and extracurricular activities, sports combined with moral and ethical values are inculcated among the students to equip them with value based and globally comparable skills.

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Admissions:



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Dental College and Hospital, Kurnool, A.P., India.

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11:23:19 AM



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News2
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News3
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Faculty:



The screenshot shows a web browser window displaying the website for G Pulla Reddy Dental College & Hospital. The browser's address bar shows the URL gprdch.com/faculties.php. The website header includes the college's logo, name, and location: "G Pulla Reddy Dental College & Hospital, Dental College and Hospital, Kurnool, A.P., India." Below the header is a navigation menu with links for Home, About Us, Admissions, Academics, Departments, Faculty, Students, Campus Tour, Research, and Gallery. The main content area features a section titled "G PULLA REDDY DENTAL COLLEGE & HOSPITAL, KURNOOL MDS – TEACHING STAFF LIST". Below this title is a table listing various dental departments. The "DEPARTMENT OF PERIODONTOLOGY" row is highlighted in cyan. The Windows taskbar at the bottom shows the search bar, several application icons, and the system tray with the date and time: 11:14 AM on 11/26/2017.

DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS
DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS
DEPARTMENT OF PERIODONTOLOGY
DEPARTMENT OF PROSTHODONTICS AND CROWN & BRIDGE
DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY
DEPARTMENT OF ORAL PATHOLOGY & MICROBIOLOGY
DEPARTMENT OF PEDODONTICS
DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY
DEPARTMENT OF COMMUNITY DENTISTRY

Students:



G Pulla Reddy Dental College & Hospital

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News1

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Recently on 04-08-2017 news2 was updated.

News3

Recently on 04-08-2017 news3 was updated.

4. Benefits

- The main aim of this site is to provide the user-friendly interface to students, faculty and to the public.
- It provides more scope for multiple sources.
- If the user is not satisfied they can give feedback to us through mail mentioned in the website at right bottom.