

Department of Computer Science and Engineering

G.PULLAREDDY ENGINEERING COLLEGE (AUTONOMOUS):KURNOOL

(Affiliated to JNTUA, ANANTHAPURAMU)



A Report on “Knowledge Space” website developed in  
2017

# Abstract

The website “**Knowledge Space**” is designed for the students of GPREC college. It makes the users to easily get their required materials through the website. It is designed in such a way that it is secured and very efficient in accessing. The site is very much user friendly and can be understood by everyone. It requires php, html, css and java script technologies.

Domain: XAMPP server.

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1. Introduction
2. Requirements Specifications
3. Description of Knowledge Space
4. Benefits of Knowledge Space

# **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**

The students encounter a lot of problems such as they need the books to be taken to home. But college provides only three library cards and with that they get only three books. It is somewhat difficult when they want to go through different references. So we discussed with library department and came up with this idea to develop a website where it contains all soft copies of all student related books according to different categories.

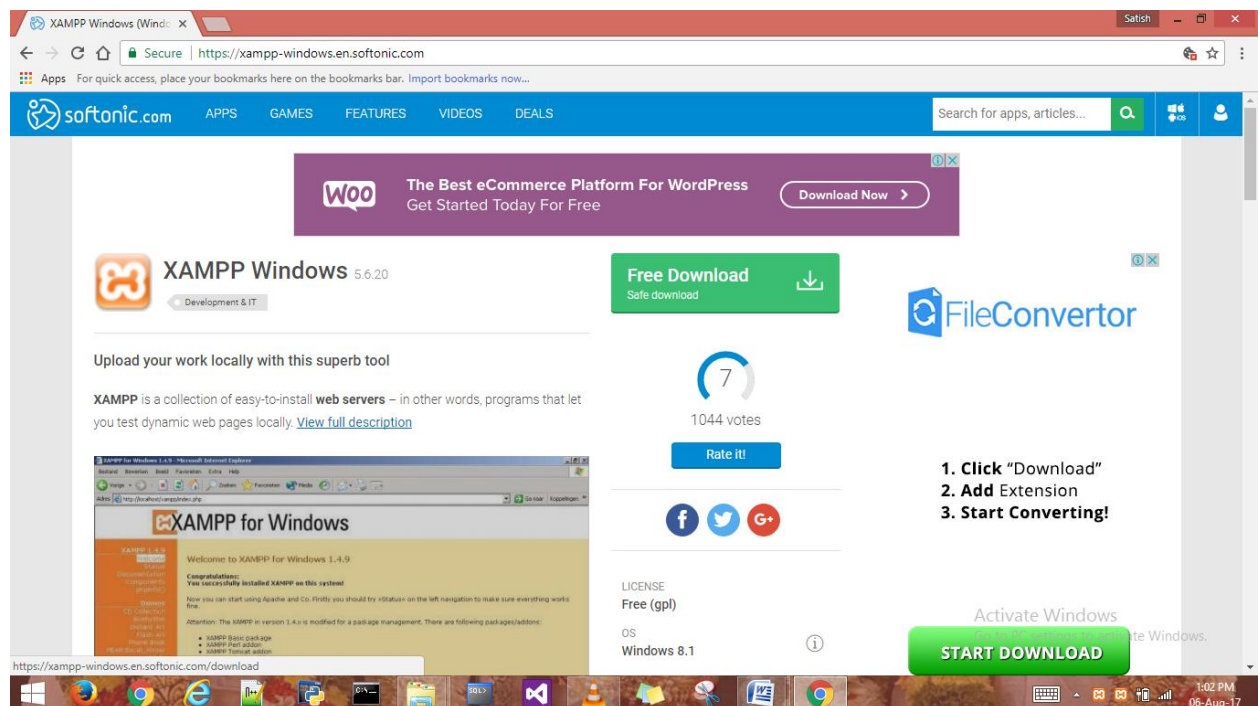
## **1.2. Goal & Vision**

The main aim of this site is to provide the user needs so that no one misses any opportunity in respect of their academics. It provides more scope for multiple sources. If the user is not satisfied they can give feedback so that we can come up with the solution.

## 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 phpMyAdmin and Webalizer 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 fetches 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 are handled by the fast operating systems for both the mobile and the web based process.

## 2.3. Hardware Requirements

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

**Desktop browsers :** 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. CPU speed :147,600 MIPS at 3.3GHz

4. RAM: 8GB to 32 GB

5. Hard Disk: 1TB

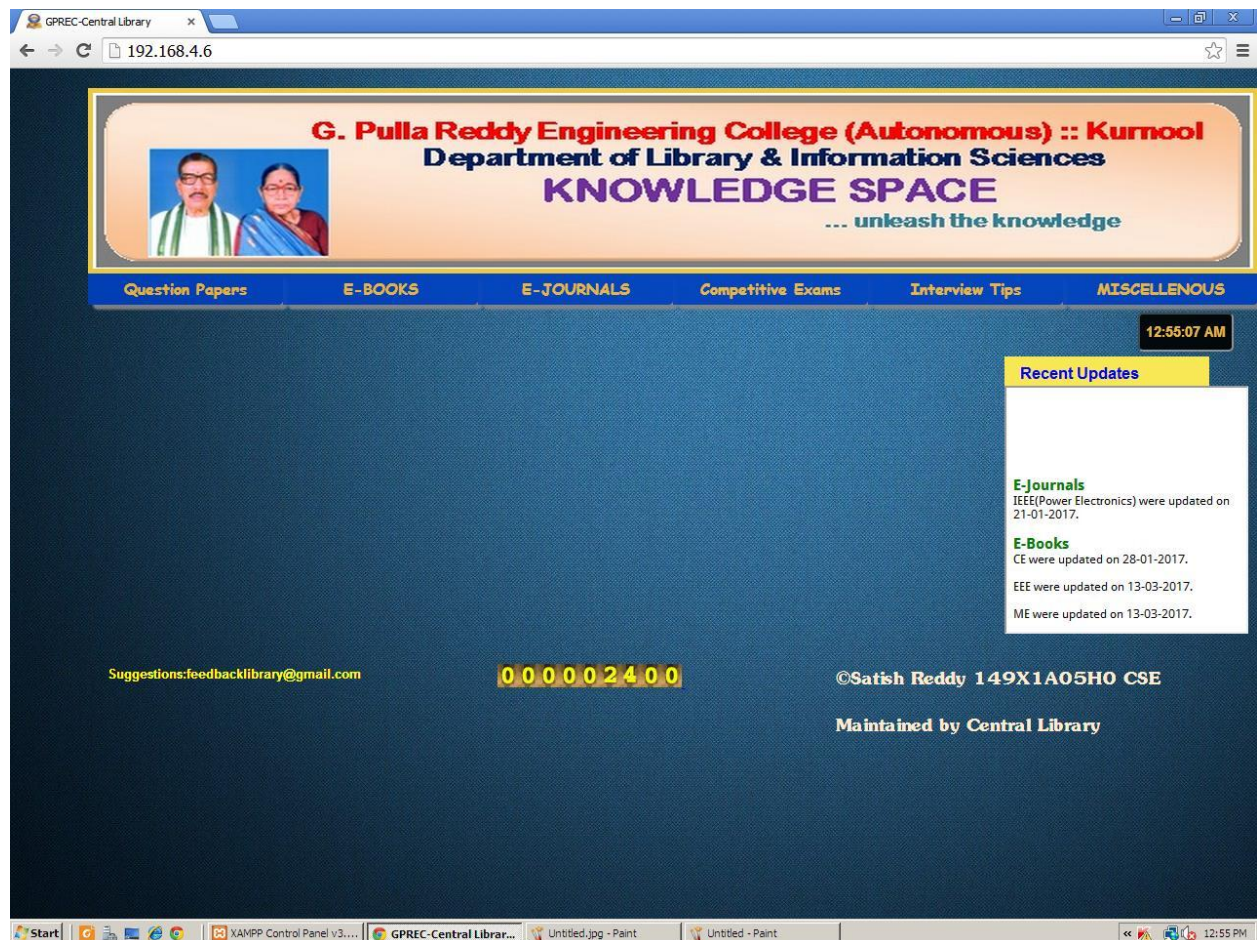
6. Disk Latency :70 to 80 MB/sec

### 3.Description

The project is done in html including css, javascript, php.

The site is designed in the way as the requirements mentioned by library members. It is done keeping in the vision of students, faculty etc.,

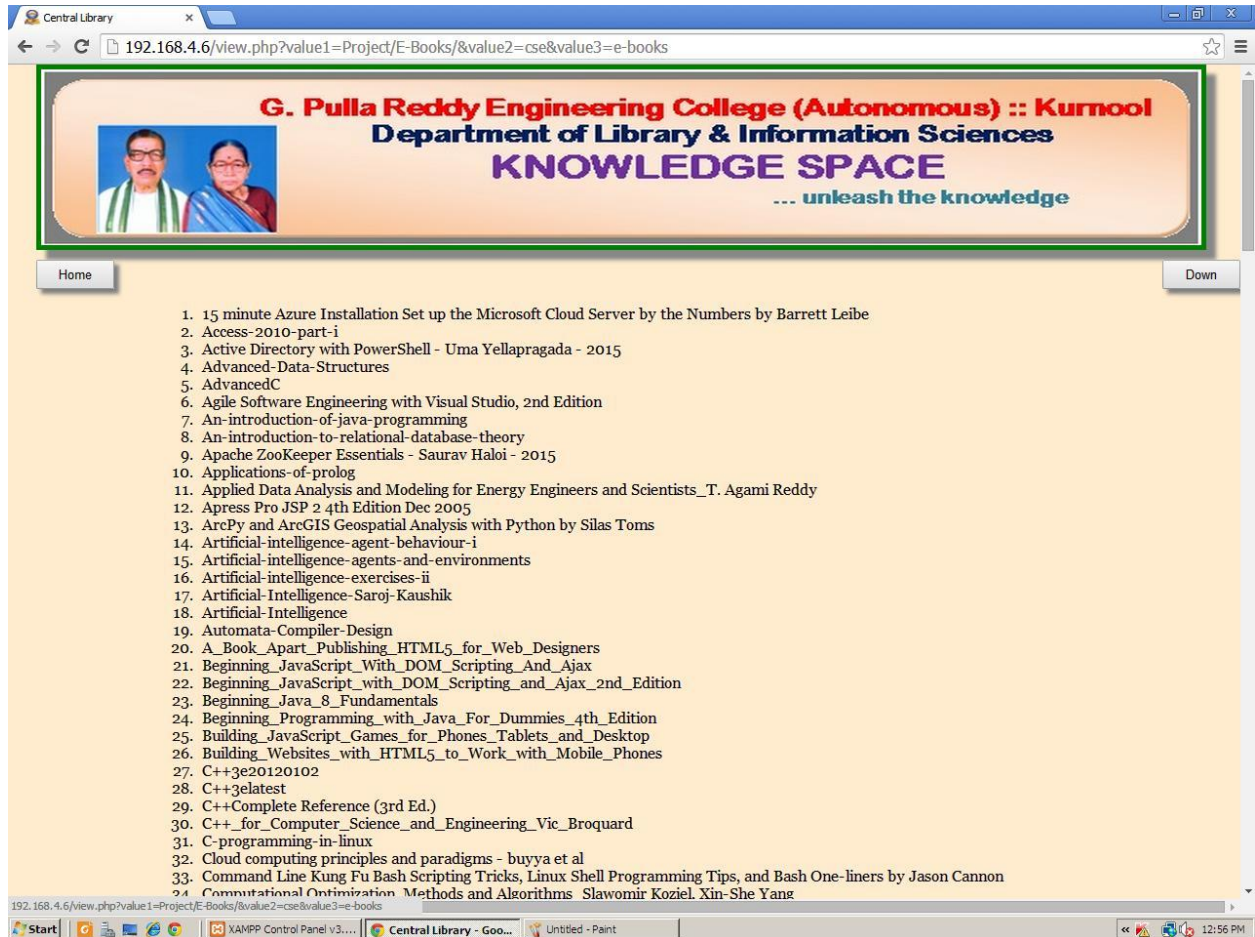
#### Homepage:



## E-books:

The screenshot displays the GPREC-Central Library website. The browser's address bar shows the URL 192.168.4.6/#. The website's header features a banner with a photo of two individuals and the text: "G. Pulla Reddy Engineering College (Autonomous) :: Kurnool", "Department of Library & Information Sciences", "KNOWLEDGE SPACE", and "... unleash the knowledge". Below the banner is a navigation menu with tabs for "Question Papers", "E-BOOKS", "E-JOURNALS", "Competitive Exams", "Interview Tips", and "MISCELLENOUS". The "E-BOOKS" tab is active, revealing a sub-menu with links for "CSE", "ECE", "MEC", "CE", "EEE", "Basic Engineering", and "MISCELLENOUS". A digital clock in the top right corner displays "12:55:38 AM". A "Recent Updates" box on the right side of the page lists the following information: "21-01-2017.", "E-Books", "CE were updated on 28-01-2017.", "EEE were updated on 13-03-2017.", "ME were updated on 13-03-2017.", "Basic Engineering were updated on 13-03-2017.", "Question Papers", and "May 2017 question papers uploaded.". At the bottom of the page, there is a footer containing the email "Suggestions:feedbacklibrary@gmail.com", a digital counter showing "000002400", the copyright notice "©Satish Reddy 149X1A05H0 CSE", and the text "Maintained by Central Library". The Windows taskbar at the bottom of the screen shows the Start button, several application icons, and the system clock indicating "12:55 PM".

## Text Books of CSE Department (E-Books/CSE):



The screenshot displays a web browser window with the address bar showing the URL: 192.168.4.6/view.php?value1=Project/E-Books/&value2=cse&value3=e-books. The website header features a banner for G. Pulla Reddy Engineering College (Autonomous) :: Kurnool, Department of Library & Information Sciences, with the tagline "KNOWLEDGE SPACE ... unleash the knowledge". Below the banner, there are "Home" and "Down" buttons. The main content area lists 34 e-books, numbered 1 to 34. The list includes titles such as "15 minute Azure Installation Set up the Microsoft Cloud Server by the Numbers by Barrett Leibe", "Access-2010-part-i", "Active Directory with PowerShell - Uma Yellapragada - 2015", "Advanced-Data-Structures", "AdvancedC", "Agile Software Engineering with Visual Studio, 2nd Edition", "An-introduction-of-java-programming", "An-introduction-to-relational-database-theory", "Apache ZooKeeper Essentials - Saurav Haloi - 2015", "Applications-of-prolog", "Applied Data Analysis and Modeling for Energy Engineers and Scientists\_T. Agami Reddy", "Apress Pro JSP 2 4th Edition Dec 2005", "ArcPy and ArcGIS Geospatial Analysis with Python by Silas Toms", "Artificial-intelligence-agent-behaviour-i", "Artificial-intelligence-agents-and-environments", "Artificial-intelligence-exercises-ii", "Artificial-Intelligence-Saroj-Kaushik", "Artificial-Intelligence", "Automata-Compiler-Design", "A\_Book\_Apart\_Publishing\_HTML5\_for\_Web\_Designers", "Beginning\_JavaScript\_With\_DOM\_Scripting\_And\_Ajax", "Beginning\_JavaScript\_with\_DOM\_Scripting\_and\_Ajax\_2nd\_Edition", "Beginning\_Java\_8\_Fundamentals", "Beginning\_Programming\_with\_Java\_For\_Dummies\_4th\_Edition", "Building\_JavaScript\_Games\_for\_Phones\_Tablets\_and\_Desktop", "Building\_Websites\_with\_HTML5\_to\_Work\_with\_Mobile\_Phones", "C++3e20120102", "C++3elatest", "C++Complete Reference (3rd Ed.)", "C++\_for\_Computer\_Science\_and\_Engineering\_Vic\_Broquard", "C-programming-in-linux", "Cloud computing principles and paradigms - buyya et al", "Command Line Kung Fu Bash Scripting Tricks, Linux Shell Programming Tips, and Bash One-liners by Jason Cannon", and "Computational Optimization Methods and Algorithms Slawomir Koziel Xin-She Yang". The browser's taskbar at the bottom shows the Start button, several open applications including XAMPP Control Panel v3.0.0, Central Library - Google Chrome, and an untitled Paint window, along with the system clock showing 12:56 PM.

Central Library

192.168.4.6/view.php?value1=Project/E-Books/&value2=cse&value3=e-books

**G. Pulla Reddy Engineering College (Autonomous) :: Kurnool**  
**Department of Library & Information Sciences**  
**KNOWLEDGE SPACE**  
... unleash the knowledge

Home Down

1. 15 minute Azure Installation Set up the Microsoft Cloud Server by the Numbers by Barrett Leibe
2. Access-2010-part-i
3. Active Directory with PowerShell - Uma Yellapragada - 2015
4. Advanced-Data-Structures
5. AdvancedC
6. Agile Software Engineering with Visual Studio, 2nd Edition
7. An-introduction-of-java-programming
8. An-introduction-to-relational-database-theory
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15. Artificial-intelligence-agents-and-environments
16. Artificial-intelligence-exercises-ii
17. Artificial-Intelligence-Saroj-Kaushik
18. Artificial-Intelligence
19. Automata-Compiler-Design
20. A\_Book\_Apart\_Publishing\_HTML5\_for\_Web\_Designers
21. Beginning\_JavaScript\_With\_DOM\_Scripting\_And\_Ajax
22. Beginning\_JavaScript\_with\_DOM\_Scripting\_and\_Ajax\_2nd\_Edition
23. Beginning\_Java\_8\_Fundamentals
24. Beginning\_Programming\_with\_Java\_For\_Dummies\_4th\_Edition
25. Building\_JavaScript\_Games\_for\_Phones\_Tablets\_and\_Desktop
26. Building\_Websites\_with\_HTML5\_to\_Work\_with\_Mobile\_Phones
27. C++3e20120102
28. C++3elatest
29. C++Complete Reference (3rd Ed.)
30. C++\_for\_Computer\_Science\_and\_Engineering\_Vic\_Broquard
31. C-programming-in-linux
32. Cloud computing principles and paradigms - buyya et al
33. Command Line Kung Fu Bash Scripting Tricks, Linux Shell Programming Tips, and Bash One-liners by Jason Cannon
34. Computational Optimization Methods and Algorithms Slawomir Koziel Xin-She Yang

192.168.4.6/view.php?value1=Project/E-Books/&value2=cse&value3=e-books

Start XAMPP Control Panel v3.0.0 Central Library - Google Chrome Untitled - Paint 12:56 PM

## Question Papers:

The screenshot displays the GPREC-Central Library website. The browser's address bar shows the URL 192.168.4.6. The website's header features a banner for G. Pulla Reddy Engineering College (Autonomous) :: Kurnool, Department of Library & Information Sciences, with the tagline "KNOWLEDGE SPACE ... unleash the knowledge". Below the banner, a navigation menu includes "Question Papers", "E-BOOKS", "E-JOURNALS", "Competitive Exams", "Interview Tips", and "MISCELLANEOUS". The "Question Papers" section is expanded, showing a tree structure with "M.Tech" and "B.Tech" categories. Under "B.Tech", there are sub-categories for "Scheme-10", "Scheme-13", and "Scheme-17". The "Scheme-13" category is further expanded, showing a list of engineering disciplines: "CSE", "ECE", "EEE", "ME", and "CE". The "CSE" category is expanded, showing a list of semesters: "I-Semester", "II-Semester", "III-Semester", "IV-Semester", "V-Semester", "VI-Semester", "VII-Semester", and "VIII-Semester". On the right side of the page, there is a "Recent Updates" section with a yellow header. It contains two entries: "E-Journals" (IEEE(Power Electronics) were updated on 21-01-2017) and "E-Books" (CE were updated on 28-01-2017). At the bottom of the page, there is a footer with the text "Suggestions: feedbacklibrary@gmail.com", a digital display showing "00002400", and the copyright notice "©Satish Reddy 149X1A05H0 CSE Maintained by Central Library". The browser's taskbar at the bottom shows the Start button, several open applications (XAMPP Control Panel, GPREC-Central Librar..., and an image file), and the system clock showing 12:54 PM.

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Question Papers E-BOOKS E-JOURNALS Competitive Exams Interview Tips MISCELLANEOUS

M.Tech  
B.Tech

Scheme-10  
Scheme-13  
Scheme-17

CSE  
ECE  
EEE  
ME  
CE

I-Semester  
II-Semester  
III-Semester  
IV-Semester  
V-Semester  
VI-Semester  
VII-Semester  
VIII-Semester

Recent Updates

**E-Journals**  
IEEE(Power Electronics) were updated on 21-01-2017.

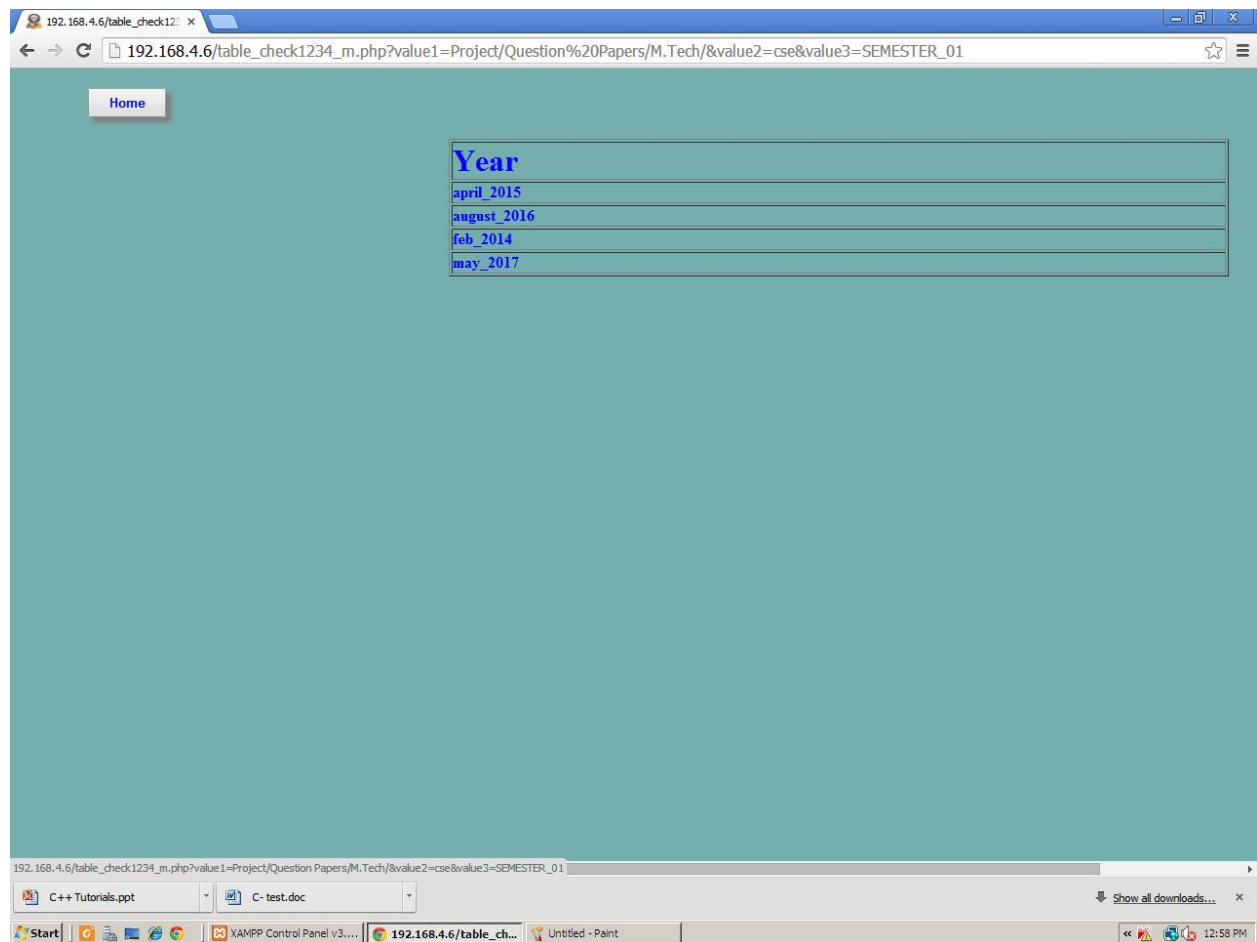
**E-Books**  
CE were updated on 28-01-2017.

Suggestions: feedbacklibrary@gmail.com 00002400 ©Satish Reddy 149X1A05H0 CSE  
Maintained by Central Library

192.168.4.6/table\_check1234.php?value1=Project/Question Papers/B.Tech/&value5=Scheme\_13&value2=CSE&value3=qp\_b.tech&value4=SEMESTER\_07

Start XAMPP Control Panel v3. GPREC-Central Librar... Untitled.jpg - Paint 12:54 PM

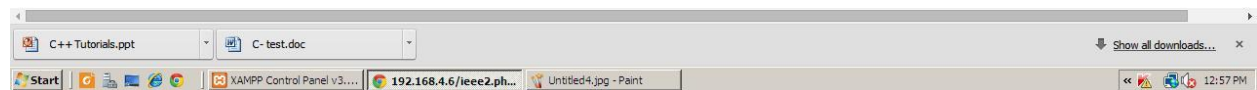
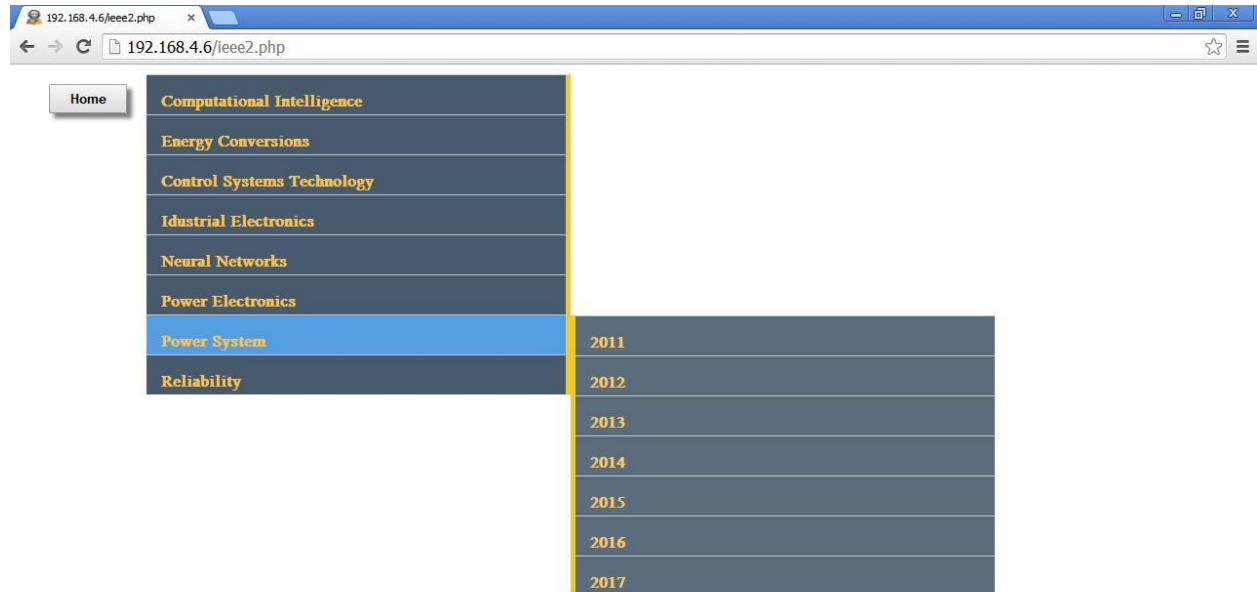
## Question Papers as per semester month:



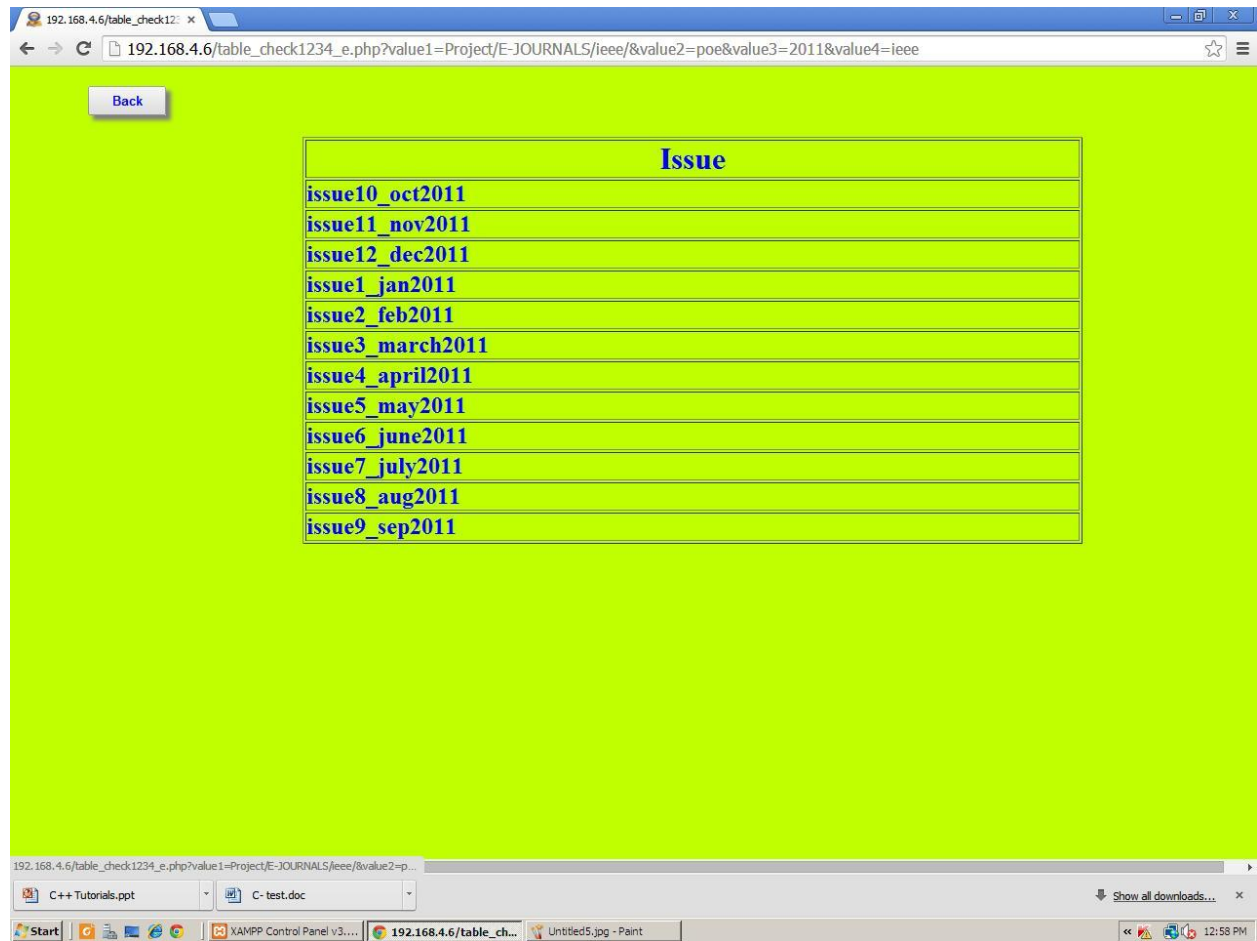
## Downloaded Book:



# E-Journals:



## E-journals Issue Date:

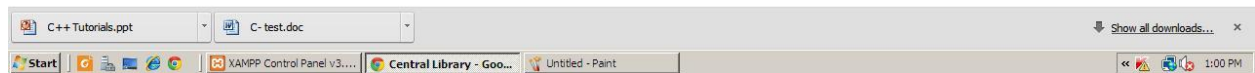
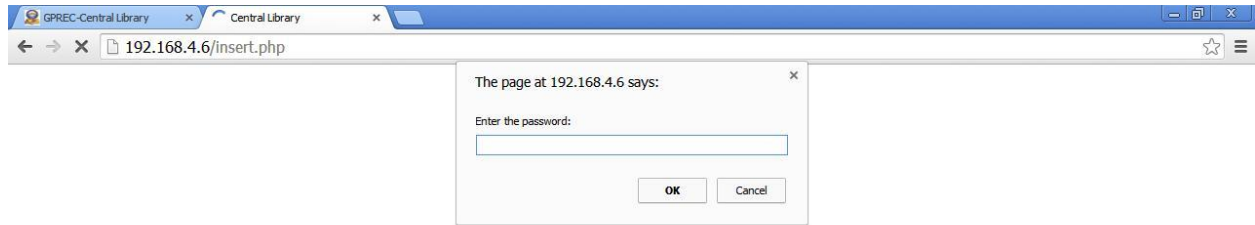


The screenshot shows a web browser window with the address bar displaying the URL: `192.168.4.6/table_check1234_e.php?value1=Project/E-JOURNALS/ieee/&value2=poe&value3=2011&value4=ieee`. The page has a yellow background and a "Back" button in the top left corner. A table with the title "Issue" is centered on the page. The table contains 12 rows, each representing a journal issue with its date. The table is as follows:

Issue
issue10_oct2011
issue11_nov2011
issue12_dec2011
issue1_jan2011
issue2_feb2011
issue3_march2011
issue4_april2011
issue5_may2011
issue6_june2011
issue7_july2011
issue8_aug2011
issue9_sep2011

The browser's taskbar at the bottom shows several open applications: "C++ Tutorials.ppt", "C- test.doc", "XAMPP Control Panel v3...", "192.168.4.6/table\_ch...", and "Untitled5.jpg - Paint". The system clock in the bottom right corner indicates the time is 12:58 PM.

## Administrator page to upload:



## **4. Benefits**

- Students can refer the website to get required information about the academic subjects.
- They can view and download the question papers of various semesters.
- They can also download journals regarding any particular area.
- If the user is not satisfied they can give feedback so that we can come up with the solution.