
Project Report

On

FULL STACK DEVELOPMENT

Submitted by

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(R170648)

Under the guidance of

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In fulfilment for the award of the degree of

Bachelor of Technology

In

Computer Science Engineering



Rajiv Gandhi University of Knowledge Technologies

(Catering the Educational Needs of Gifted Rural Youth of A.P)

R.K Valley, Y.S.R Kadapa (Dist)-516330

ACKNOWLEDGEMENT

Words are only representation of my sincere gratitude that we have towards actions and their inherent associations. As a matter of fact, without cooperation, no thought could be coined into real action. Consistent motivation, invaluable support throughout any project is an issue that cannot be quantitatively measured. The acknowledgement is only a fraction of regards towards their gestures.

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I would like to extend thanks to our **Administrative Department, Director and all higher authorities of the University for** allowing us to use the facilities available and providing the Education.

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SETTI HEMANTH BABU

Rajiv Gandhi University of Knowledge Technologies

(Catering The Educational Needs of the Gifted Rural Youth of A.P)

IIIT, R.K Valley, YSR Kadapa (Dist)- 516330.



CERTIFICATE

Certified that the major project report on, “**ProWeb and SparkWeb**” Website Building in the domain **FULL STACK DEVELOPMENT** is bonafide work of **SETTI HEMANTH BABU, R170648** 4th Year B.Tech, Computer Science and Engineering in R.K Valley Campus of Rajiv Gandhi University of Knowledge Technologies (RGUKT), Andhra Pradesh carried out during Academic Year **2022-2023**.

Faculty In-charge

Head of the Department

ABSTRACT

In this technical era information plays vital role in any once life. Likewise for a University sharing of the features of university, placements, faculty, student's achievements, location etc. are important and this can be achieved easily by maintaining a website because it will be available throughout the globe and updating of the website lets include the new features and new data so that everyone can see the same.

ProWeb and **SparkWeb** site is user friendly, responsive and dynamic that is whatever the screen you're viewing the experience over the screen makes you too comfortable to look in to it.

Proweb is a term that is often used to refer to a high-quality and professional website designed and developed for businesses or individuals. A Proweb typically has a modern, clean, and user-friendly interface, and it may include various features such as responsive design, mobile optimization, fast loading speed, intuitive navigation, and engaging content.

Spark Web refers to a dynamic and engaging website that is designed to capture the attention and interest of its visitors. A Spark Web typically features eye-catching visuals, animations, and interactive elements that create a sense of excitement and energy.

So including both of them together makes a modern application which meets most of the requirements of the users. This application can be used any of them by changing little bit of graphical interface.

ProWeb and SparkWeb build version:

<https://localhost/Project/hemanth/index.php>

Generally a website describes the overview of something. For University description of the features, entity of the campus, location says the nature, facilities, teaching staff all are available in the website of their own.

Note:

All the images used in this project is purely used for education purpose only. All the image copyrights are reserved to particular Websites, Institutions and organizations.

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1. Introduction

In this technical era information plays vital role in any once life. Likewise for a University sharing of the features, placements, faculty, student's achievements, location etc. are important and this can be achieved easily by maintaining a website because it will be available throughout the globe and updating of the website lets include the new features and new data so that everyone can see the same.

This website is user friendly and responsive that is whatever the size the viewing experience makes to comfortable to look in to it. Basically websites gives best experience in the laptops, desktops but making the site as responsive the same thing can be achieved through the small size screens like tablets, mainly phones.

This website enhances the popularity of the college within less time as it is available over the internet because many of them now a day's most of the people first prefer to check details and visit later on.

The system allows admin to updates the events quickly in online notice board and those are reflected on user side so user can get updates .In this website the admin no need to worry on data by single click admin can update events and more. It uses PHP and MySQL database. It has two modules i.e.

Admin:

Admin is the super user of the website who can manage everything on the website. Admin can log in through the login page and can manage whole website in a simple way but it also the most effective one.

User:

User can visit the application through a URL.

1.1 Purpose

The website describes over all facilities, features and other details. All those details are available in this campus website to enhances productivity in future

1.2 System Scope

Scope of the software:-

- Shows the events and updates
- Displays students reviews
- Lists the courses available
- Lists the placements
- Library management

-
- Events updates by admin

2. System Study

This chapter deals with the analysis of the system proposed by our guide. It covers the features, advantages and disadvantages of both the system.

2.1 Advantages

- Focus more in administration instead of advertisement
- High computing computers are not required
- Available to users, all the time
- Responsiveness of website makes users to in multiple sizes
- Eco-friendly to admin
- Admin can update the events easily
- Available for multiple screen sizes
- Available for mobile phones also

2.2 Disadvantages

- Not flexible in flip and foldable phones
- Data may not be perfect human error
- Data may not be correct if it's not updated
- Security issues may raise if not get updated

2.3 Proposed System

The proposed system is having many advantages over the existing system. It requires much less overhead and very efficient.

2.3.1 Economical feasibility

Economic analysis is the most frequently used method for evaluating the effectiveness of a new system. More commonly known as cost/benefit analysis, the procedure is to determine the benefits and savings that are expected from a candidate system and compare them with costs. If benefits outweigh costs, then the decision is made to design and implement the system.

2.3.2 Technical feasibility

The technical feasibility in the proposed system deals with the technology used in the system. It deals with the hardware and software used in the system whether they are of latest technology or not. It happens that after a system is prepared a new technology arises and the user wants the system based on that technology. Thus it is important to check the system to be technically feasible.

2.3.3 Operational feasibility

The project has been developed in such a way that it becomes very easy even for a layman with little computer knowledge to operate it. The software is very user friendly and does not require any technical person to operate. Thus the project is even operationally feasible.

2.4 Overview of Software

LAMP stack: JavaScript - Linux - Apache - MySQL - PHP

APACHE

The Apache HTTP Server Project is an effort to develop and maintain an open-source HTTP server for modern operating systems including UNIX and Windows. The goal of this project is to provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards. The Apache HTTP Server was launched in 1995 and it has been the most popular web server on the Internet since April 1996. It has celebrated its 20th birthday as a project in February 2015.

PHP

- PHP stands for PHP: Hypertext Pre-processor.
- PHP is a server-side scripting language, like ASP.
- PHP scripts are executed on the server.
- PHP supports many databases (MYSQL, Informix, Oracle, Sybase, Solid, Generic ODBC, etc.).
- PHP is an open source software.
- PHP is free to download and use.

MYSQL

- MYSQL is a database server
- MYSQL is ideal for both small and large applications
- MYSQL supports standard SQL
- MYSQL compiles on a number of platforms
- MYSQL is free to download and use
- How to access MySQL:
- <http://localhost/phpmyadmin>

2.5 Hardware Specification

User side:

- Not required any hardware.
- Required only internet access and computer.

Server side:

Ram	4GB
Hard disk	1TB
Processor	2.4GHz
Operating System	Server side OS like Unix

2.6 Software Requirement

Front End	HTML,CSS , jQuery, java script
Server side Language	PHP
Database Server	MySQL
Web Browser	Firefox , Google Chrome or any compatible browser
Operating System	Ubuntu, Windows or any equivalent OS
Software	Xampp

3. System Design

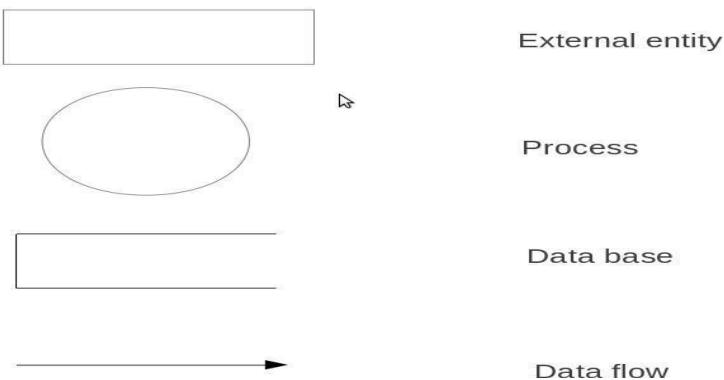
The system design is needed for information processing technology and the user interface development analysis. It contain a high level overview of the organization in which the common activities, processes and products are described in relation to how they create, use and modify information.

Below given DFD's can be used to describe the overall user interface:

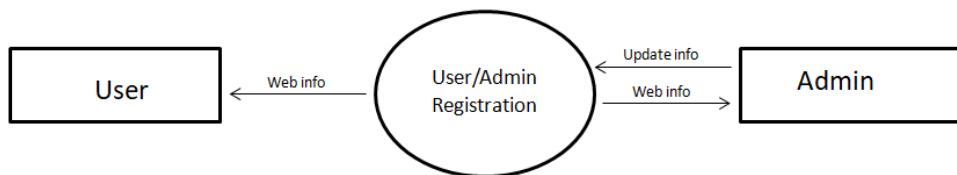
3.1 DFD Diagrams

Data Flow Diagram

Notation Used

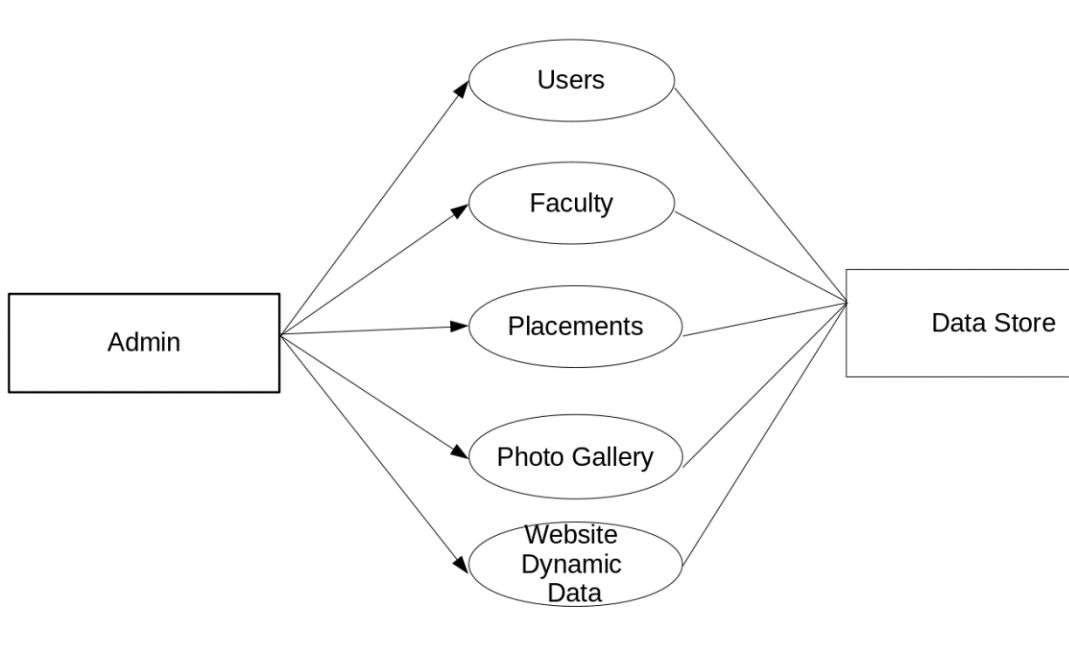


LEVEL- 0 DFD:



DFD Diagram

LEVEL-1.1 DFD:

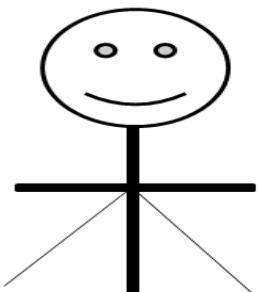


3.2 UML Diagrams:

Actor:

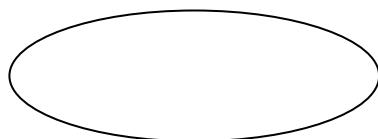
A coherent set of roles that users of use cases play when interacting with the use cases.

An observable result of value of an actor.

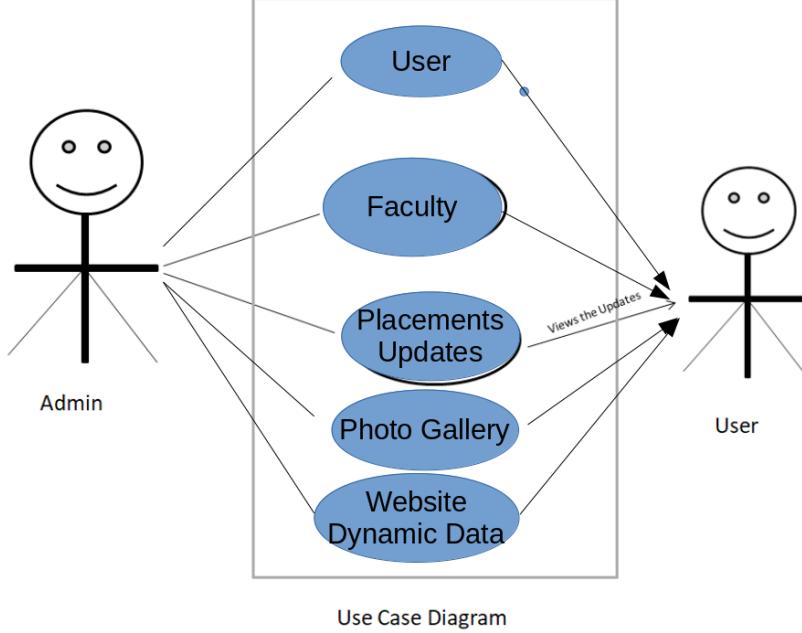


Use case:

A description of sequence of actions, including variants that a system performs yields an observable result of value of an actor. Actor diagram is drawn in a eclipse shape.



UML stands for Unified Modelling Language. UML is a language for specifying, visualizing and documenting the system. This is the step while developing any product after analysis. The goal from this is to produce a model of the entities involved in the project which later need to be built. The representation of the entities that are to be used in the product being developed need to be designed.



4. System Testing

System testing is normally carried out in a planned manner according to the system test plan document. The system test plan identifies all testing-related activities that must be performed, specifies the schedule of testing, and allocates resources. It also lists all the test cases and the expected outputs for each test case. Here the modules are integrated in a planned manner.

4.1 Functional Testing

Functional testing refers to tests that verify a specific action or function of the code. These are usually found in the code requirements documentation, although some development methodologies work from use cases or user stories. Functional tests tend to answer the question of "can the user do this" or "does this particular feature work". Some examples of functional testing done in our project:

- By checking all the login modules, it is ensured that only registered users can access all the facilities.

4.2 Structural Testing

Structural testing is also called White box testing. This means a testing technique whereby explicit knowledge of the internal workings of the item being tested is used to select the test data. White box testing uses specific knowledge of programming code to examine outputs. The test is accurate only if the tester knows what the program is supposed to do. He or she can then see if the program diverges from its intended goal. White box testing does not account for errors caused by omission, and all visible code must also be readable.

4.3 System Testing

System testing of software or hardware is testing conducted on a complete, integrated system to evaluate the system's compliance with its specified requirements. System testing falls within the scope of black box testing, and as such, should require no knowledge of the inner design of the code or logic.

As a rule, system testing takes, as its input, all of the "integrated" software components that have successfully passed integration testing and also the software system itself integrated with any applicable hardware system(s). The purpose of integration testing is to detect any inconsistencies between the software units that are integrated together (called assemblages) or between any of the assemblages and the hardware. System testing is a more limiting type of testing; it seeks to detect defects both within the "inter-assemblages" and also within the system as a whole.

System testing is performed on the entire system in the context of a Functional Requirement Specification(s) (FRS) and/or a System Requirement Specification (SRS). System testing is an investigatory testing phase, where the focus is to have almost a destructive attitude and tests not only the design, but also the behaviour and even the believed expectations of the customer. It is also intended to test up to and beyond the bounds defined in the software/hardware requirements specification(s).

4.3.1 Test Cases

A test case in software engineering is a set of conditions or variables under which a tester will determine whether an application or software system is working correctly or not.

Unit Test Cases

The software is being divided into different components and unit testing is performed on each of these modules. This section is repeated for all components.

Integration Test cases

Integration testing is a part of stress testing which involves integrating the components to create a system or sub-system. It may involve testing an increment to be delivered to the customer. In integration testing, the test team has access to the system source code. The system is tested as components are integrated.

Validation Test cases

This testing is done to see whether the integrated software is valid according to the user needs.

5. Database Schema

The goal of database design is to ensure that the data is represented in such a way that there is no redundancy and no extraneous data is generated, thus generate relationship in as high an order as possible. Having identified all the data on the system it is necessary to at the logical database design. Database design involves designing the conceptual model of the database. This model is independent of the physical representation of the data. Once the conceptual model is designed, it can be mapped to the DBMS/RDBMS that is actually being used.

Following are tables that have been used in this project:-

Table 1: Admin Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	user_name	varchar(150)	utf8mb4_general_ci		No	None		
3	pass_word	text	utf8mb4_general_ci		No	None		

Table 2: Admin Details

id	user_name	pass_word
1	Ohemanthbabu0ssetti0@gmail.com	1234
2	user	user
3	r170396@rguktrkv.ac.in	1234567890
4	raju@gmail.com	pqwerty1234
5	j	k
6	dfghjkl;	dfghjkl

Table 3: Events table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 	int(20)			No	<i>None</i>		AUTO_INCREMENT
2	userid	varchar(100)	utf8mb4_general_ci		No	<i>None</i>		
3	title	varchar(200)	utf8mb4_general_ci		No	<i>None</i>		
4	content	text	utf8mb4_general_ci		No	<i>None</i>		

Table 4: Events Details

32	user	SEM-2 E3 results has been updated (17-09-2022)	SEM-2 E3 results has been updated (17-09-2022) SE...
33	user	SEM-2 E3 results has been updated (17-09-2022)	SEM-2 E3 results has been updated (17-09-2022) SE...
34	user	SEM-2 E3 results has been updated (17-09-2022)	SEM-2 E3 results has been updated (17-09-2022) SE...
35	user	SEM-2 E3 results has been updated (17-09-2022)	SEM-2 E3 results has been updated (17-09-2022) SE...
36	user	SEM-2 E3 results has been updated (17-09-2022)	SEM-2 E3 results has been updated (17-09-2022) SE...

Table 5: Faculty

id	faculty_name	dob	qualification	designation	department	mail	faculty_image
1	Monelli Ayyavaraiah	1988-06-16	M.TECH	HOD	CSE	ayyavaraiah50@gmail.com	ayyavaraiah.png
2	Y.PRAKASH RAO	1981-08-14	M.TECH (PhD)	HOD	ECE		prakash.png
3	RUDRU VIJAYALAKSHMI	1990-04-20	M.TECH	HOD	EEE	vijayarudru295@gmail.com	vijayalakshmi.png
4	SHAILUSHA	1993-07-01	P.G	CO-DIRECTOR	HS	mlcshailu7@gmail.com	shailusha.png
5	B Srinivasulu	1981-03-11	M.TECH	Assistant Professor	CSE	srenu.gitam@gmail.com	srinivasulu.png
6	Nikhila	1991-08-16	M.TECH	Assistant Professor	CSE		Nikhila.png
7	D.Surendra	1992-07-16	M.TECH (VLSI)	Assistant Professor	ECE		surendra.png
8	B.Venkateswaramma	1987-06-10	M.TECH (PhD)	Assistant Professor	ECE		venkatesrawamma.png
9	K.Sujindra Kumar	1987-07-15	M.TECH	Assistant Professor	EEE	sujjindra@gmail.com	sujindra.png
10	C.Sreenivasulu	1993-04-02	M.TECH	Assistant Professor	EEE	srksreenu222@gmail.com	sreenivasulu.png
11	C.Suvarna Lakshmi	1982-06-05	P.G (MSC-Physics)	Assistant Professor	Humanities & Science		suvarna.png
12	G.Kiran Kumar	1982-01-01	P.G (MA-English)	Assistant Professor	Humanities & Science	gkirkumar@gmail.com	kiran.png

Table 5: Placements

ID	Name	Company	Position	Branch	Package	PassedOut_Year	PP_image
1	S.SRAVANI	TCS	ASSISTANT SYSTEM ENGINEER	CSE	3.5	2022	
2	N.PAVANI	WIPRO	PROJECT ENGINEER	ECE	3.5	2022	
3	K.BHAVANA	WIPRO	PROJECT ENGINEER	ECE	3.5	2022	
4	P.PLASYA	WIPRO	PROJECT ENGINEER	CSE	3.5	2022	
5	T.SAI DIVYA	WIPRO	PROJECT ENGINEER	EEE	3.5	2022	
6	V.TEJASWINI	WIPRO	PROJECT ENGINEER	CSE	3.5	2022	
7	S.HANNA	KPIT	TRAINEE	ECE	4	2022	
8	K.SAILAJA	KPIT	TRAINEE	ECE	4	2022	
9	D.ANUSHA	KPIT	TRAINEE	ECE	4	2022	

Table 5: Photo Gallery

id	title	event_no	images
1	MOTIVATIONAL CLASSES	10	IMG_20211207_103631.jpg
2	MOTIVATIONAL CLASSES	10	IMG_20211207_150218.jpg
3	MOTIVATIONAL CLASSES	10	IMG_20211207_103707.jpg
4	MOTIVATIONAL CLASSES	10	IMG_20211207_120350.jpg
5	MOTIVATIONAL CLASSES	10	IMG_20211207_120500.jpg
6	MOTIVATIONAL CLASSES	10	IMG_20211207_150311.jpg
7	DIPLOMA FRESHERS DAY	9	IMG_20211211_113146.jpg
8	DIPLOMA FRESHERS DAY	9	IMG_20211211_120547.jpg
9	DIPLOMA FRESHERS DAY	9	IMG_20211211_120943.jpg
10	DIPLOMA FRESHERS DAY	9	IMG_20211211_121047.jpg
11	DIPLOMA FRESHERS DAY	9	IMG_20211211_123019.jpg
12	DIPLOMA FRESHERS DAY	9	IMG_20211211_123610.jpg
13	DIPLOMA FRESHERS DAY	9	IMG_20211211_133426.jpg
14	TCS MR. SRINIVASA RAMANUJAM	8	IMG_20211224_095424.jpg
15	TCS MR. SRINIVASA RAMANUJAM	8	IMG_20211224_102730.jpg
16	TCS MR. SRINIVASA RAMANUJAM	8	IMG_20211224_123414.jpg
17	TCS MR. SRINIVASA RAMANUJAM	8	IMG_20211224_123421.jpg
18	TAP ACADEMY POLL CAMPUS DRIVE	7	20220413_15439PMByGPSMapCamera.jpg

6. Data Flow of the Website

Initial Page for SparkWeb



LOGIN

Username

Enter Username

Password

Enter Password

[Back to Home Page](#)

[Login](#)

Enter **admin** credentials correctly, and click on **LOGIN** button then it will redirect you to admin Panel shown in next slide.

Admin Panel



- Admin Panel looks like this, on clicking the arrow button which is on the top of sidebar, then view is visible as shown in the image.
- Select the required once i.e, for example if you select 'Faculty' then you will be able to manage faculty members, like wise all others also work

A screenshot of the Admin Panel. On the left is a sidebar with various icons: a magnifying glass, a grid, a person, a bar chart, a bell, a document, a gear, and a dark mode switch. A red arrow points from the text above to the top of the sidebar. The main area shows the college name "GOUTHAMI Engineering College" and a search bar. Below the search bar is a list of menu items: Dashboard, Faculty, Placements, Notice Board, Photo Gallery, Admissions, Logout, and Dark mode. The "Dark mode" switch is turned off.

Dashboard in Admin Panel

The dashboard displays the following sections:

- Last Added Faculty Details:**

Name:	G. Kiran Kumar
Date of Birth:	1982-01-01
Qualification:	P.G (MA-English)
Designation:	Assistant Professor
Department:	Humanities & Science
Email:	gkirankumar@gmail.com
- Recent Notices/Events:**

Event id	Event	Description	Operations
4	(csl) Inauguration & Website launch(28-09-2022)	(csl) Inauguration & Website launch	Update Delete
3	INDUSTRIAL VISIT BY EEE STUDENTS(30-05-2022)	INDUSTRIAL VISIT	Update Delete
- Last Placement Student Details:**

Name:	D.ANUSHA
Company:	KPIT
Position:	TRAINEE
Branch:	ECE
Package:	4LPA
- Recent Gallery Content:**

Event Name	Image	Operations
NSS ELOCUTION OF SELF DEFENCE		Update Delete

All the latest and modified content from the sections are displayed here.

Faculty in Admin Panel

The page shows the following fields for entering faculty details:

- Fill Details:**
 - Faculty Name:** Enter your name
 - Date of Birth:** dd/mm/yyyy
 - Qualification:** like B.Tech,M.Tech
 - Designation:** like HOD,DEAN,AO
 - Department:** CSE,ECE,EEE,HS
 - Email:** Enter your email
 - Upload Photo:** Choose file No file chosen
- Last Added Faculty Details:**

Name:	G. Kiran Kumar
Date of Birth:	1982-01-01
Qualification:	P.G (MA-English)
Designation:	Assistant Professor
Department:	Humanities & Science
Email:	gkirankumar@gmail.com
- Buttons:**
 - [Submit & Save](#)
 - [Update Faculty Details](#)

Fill the faculty details and click on **Submit & Save** button. It will save the faculty details, to update the faculty details click on **Update Faculty Details**, it will redirect to another page where you can **UPDATE** or **DELETE** faculty details.

In this page: <http://localhost/project/faculty/cse/index.php> you can find all the faculty details here.

The screenshot shows a web application interface for faculty details. At the top, there's a navigation bar with links for Home, Institute, Academics, Students, Departments, Placements, Library, Grievances, and Contact. Below the navigation bar, the URL is localhost/gitam/faculty/cse/index.php. The main content area has a title "Computer Science Faculty Details". On the left, there's a sidebar with a "CSE" section containing ECE, EEE, and HS options, and a "Back to Home Page" button. The main content is divided into two sections: "Head of Department" and "Faculty". The "Head of Department" section contains the following details:

Name:	Monelli Ayyavaiah
Date of Birth:	1988-06-16
Qualification:	M.TECH
Designation:	HOD
Department:	CSE
Email:	ayyavaiah50@gmail.com

To the right of this table is a portrait photo of a man in a blue shirt.

The "Faculty" section contains the following details:

Name:	B Srinivasulu
Date of Birth:	1981-03-11
Qualification:	M.TECH
Designation:	Assistant Professor
Department:	CSE
Email:	srenu.ditam@gmail.com

To the right of this table is a portrait photo of a man in a dark shirt.

If you want to do any modifications or update any content regarding faculty.

Go to this page: <http://localhost/project/admin/index.php>

The screenshot shows a "Faculty Details" page. The header says "Engineering College" and "Faculty Details". Below the header, it says "Add new 'faculty' by filling the details below...". The page is divided into two main sections: "Fill Details" on the left and "Last Added Faculty Details" on the right.

Fill Details

- Faculty Name**: Enter your name
- Date of Birth**: dd/mm/yyyy
- Qualification**: like B.Tech,M.Tech
- Designation**: like HOD,DEAN,AO
- Department**: CSE,ECE,EEE,HS
- Email**: Enter your email
- Upload Photo**: Choose file | No file chosen

Last Added Faculty Details

Name:	G. Kiran Kumar
Date of Birth:	1982-01-01
Qualification:	P.G (MA-English)
Designation:	Assistant Professor
Department:	Humanities & Science
Email:	gkirkumar@gmail.com

Update Faculty Details

Click on the **Update Faculty Details** and this will redirect to the below page.

It will redirect to the below page.

Go to this page: <http://localhost/project/admin/faculty/index.php>

Faculty Details								
Faculty Name	Date of Birth	Qualification	Designation	Department	E-Mail	Faculty Image	Operations	
SHAILUSHA	1993-07-01	P.G	CO-DIRECTOR	HS	mlcshailu7@gmail.com		Update Delete	
RUDRU VIJAYALAKSHMI	1990-04-20	M.TECH	HOD	EEE	vijayarudru295@gmail.com		Update Delete	
Y.PRAKASH RAO	1981-08-14	M.TECH (PhD)	HOD	ECE			Update Delete	

Click on **Update** to update faculty details, it will redirect to Update Page

Click on **Delete** to delete faculty, it will delete faculty on deleting please refresh the page.

On choosing the **Option** it will redirect to below page with **id** of particular person.

<http://localhost/project/admin/faculty/update.php?updateid=12>



Rajiv Gandhi University of Knowledge Technologies-Andhra Pradesh
Catering to the Educational Needs of the Gifted Rural Youth of Andhra Pradesh
(Constituted under the A.P Govt. Act 18 of 2008 and recognized as per Section 2(f) of UGC Act, 1956)

RK Valley Institute

Home
Logout

Update Details

Faculty Name	<input type="text" value="SHAILUSHA"/>
Date of Birth	<input type="text" value="1993-07-01"/>
Qualification	<input type="text" value="P.G"/>
Designation	<input type="text" value="CO-DIRECTOR"/>
Department	<input type="text" value="HS"/>
E-mail	<input type="text" value="mlcshailu7@gmail.com"/>
Photo	<input type="file" value="Choose file No file chosen"/> <input type="button" value="Update & Save"/>

In this manner admin can easily control and manage the data easily.

Same steps are carried out in Placements, Notice Board and Photo Gallery sections also.

Placements in Admin Panel

Engineering College

Search...

- Dashboard
- Faculty
- Placements
- Notice Board
- Photo Gallery
- Admissions
- Logout

Light mode

Placement Details

Add new 'placement' person by filling the details below...

Fill Details

Name
Enter User name

Company Name
Company Name

Position
Position

Branch
Branch

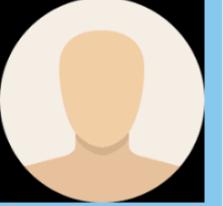
Package
Package

Passed-Out Year
Passed-Out Year

Photo
Choose file No file chosen

Last Placement Student Details

Name:	D.ANUSHA
Company:	KPIT
Position:	TRAINEE
Branch:	ECE
Package:	4LPA



Update Placement Details

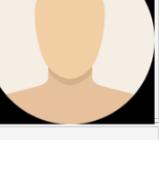
Submit & Save

Fill the Placements details of the student and click on **Submit & Save** button. It will save the placement details, to update the placement details click on **Update Placement Details**, it will redirect to another page where you can **UPDATE** or **DELETE** placement details.

<http://localhost/project/admin/faculty/index.php>

Placement Details

Back to Home

Name	Company	Position	Branch	Package	Image	Operations
D.ANUSHA	KPIT	TRAINEE	ECE	4		<button>Update</button> <button>Delete</button>
K.SAILAJA	KPIT	TRAINEE	ECE	4		<button>Update</button> <button>Delete</button>
S.HANNA	KPIT	TRAINEE	ECE	4		<button>Update</button> <button>Delete</button>

- In the above page you can find all the placement details and you can manage.
- Click on **Update** to update placement details, it will redirect to Update Page
- Click on **Delete** to delete placement details of a student, it will delete placement details, on deleting please refresh the page

<http://localhost/gitam/project/placements/update.php?updateid=9>

Fill the details and click on **Update & Save** button, it will automatically update the details entered.

On updating the page, Please close the tab and refresh the Placement Details tab which is in the previous tab, then it will display the Updated details of the placement student details



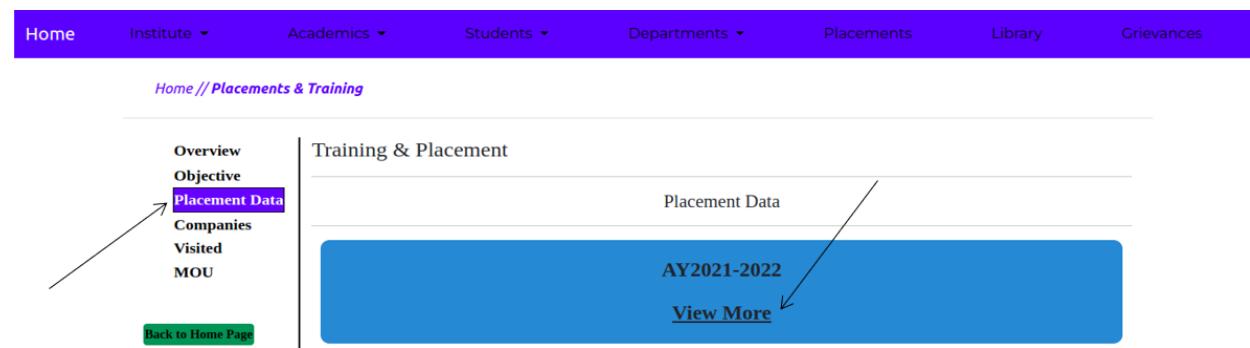
The screenshot shows the 'Update Details' form for a placement record. The form fields are as follows:

- Name: D.ANUSHA
- Company Name: KPIIT
- Position: TRAINEE
- Branch: ECE
- Package: 4
- Passed-Out Year: 2022
- Photo: Choose file (No file chosen)

At the bottom of the form is a blue 'Update & Save' button.

- On clicking the placements, you will be redirect to placement section.

<http://localhost/project/placements/index.php>



The screenshot shows the 'Placements & Training' section of the website. The sidebar menu includes:

- Overview
- Objective
- Placement Data** (highlighted in purple)
- Companies Visited
- MOU

A green 'Back to Home Page' button is at the bottom of the sidebar.

The main content area is titled 'Training & Placement' and contains:

- Placement Data
- AY2021-2022
- [View More](#)

- Click on the **Placement data**, in the side bar then you will find the Academic years of the students that has been placed.

Click on **View More** of the Academic year you want to view, it will redirect to another page and displays the details with respective to academic year you have selected

<http://localhost/gitam/placements/placementDetails.php?showyear=2022>

The screenshot shows a table titled "Placement Details Of AY2021-2022" with the following data:

Name	Company	Position	Branch	Package
DANUSHA	KPIT	TRAINEE	ECE	4
K.SAILAJA	KPIT	TRAINEE	ECE	4
S.HANNA	KPIT	TRAINEE	ECE	4
V.TEJASWINI	WIPRO	PROJECT ENGINEER	CSE	3.5
T.SAI DIVYA	WIPRO	PROJECT ENGINEER	EEE	3.5
P.LASYA	WIPRO	PROJECT ENGINEER	CSE	3.5
K.BHAVANA	WIPRO	PROJECT ENGINEER	ECE	3.5
N.PAVANI	WIPRO	PROJECT ENGINEER	ECE	3.5
S.SRAVANI	TCS	ASSISTANT SYSTEM ENGINEER	CSE	3.5

Final view of placement details of the students that a normal person/user can see the details

Notice Board in Admin Panel

The screenshot shows the "Notice Board" section of the admin panel. On the left is a sidebar with navigation links: Dashboard, Faculty, Placements, Notice Board (which is highlighted), Photo Gallery, Admissions, Logout, and Light mode. The main area has a title "Notice Board" and a sub-instruction "Add new 'notices' by filling the details below...". It contains two sections: "Fill Details" (with fields for "Notice/Event Name" and "Description") and "Recent Notices/Events" (a table listing four events with "Update" and "Delete" buttons). A "Create Notice" button is located at the bottom of the "Fill Details" section. A "Update Notice Board Details" button is at the bottom right.

Event id	Event	Description	Operations
4	(CSI) Inauguration & Website launch(28-09-2022)	(CSI) Inauguration & Website launch	Update Delete
3	INDUSTRIAL VISIT BY EEE STUDENTS(30-05-2022)	INDUSTRIAL VISIT	Update Delete
2	CULTURAL EVENTS(12-02-2022)	CULTURAL EVENTS	Update Delete
1	CULTURAL EVENTS(06-02-2021)	CULTURAL EVENTS	Update Delete

Fill the Event or Notice details of the organization and click on **Create Notice** button. It will save the event or notice details, to update the event or notice details click on **Update Notice Board Details**, it will redirect to another page where you can **UPDATE** or **DELETE** event or notice details.

<http://localhost/project/admin/noticeboard/index.php>

The screenshot shows a table titled "Notice Board Details" with the following data:

Event id	Event	Description	Operations
4	(CSI) Inauguration & Website launch(28-09-2022)	(CSI) Inauguration & Website launch	Update Delete
3	INDUSTRIAL VISIT BY EEE STUDENTS(30-05-2022)	INDUSTRIAL VISIT	Update Delete
2	CULTURAL EVENTS(12-02-2022)	CULTURAL EVENTS	Update Delete
1	CULTURAL EVENTS(06-02-2021)	CULTURAL EVENTS	Update Delete

- Click on **Update** to update placement details, it will redirect to Update Page

<http://localhost/project/admin/noticeboard/update.php?updateid=4>

Update Details

Event Name
(CSI) Inauguration & Website launc

Event Description
(CSI) Inauguration & Website launc

Update

- Click on **Delete** to delete placement details of a student, it will delete placement details, on deleting please refresh the page.
- Finally the events or notices will be visible on Main Page Notice Board in scrolling manner.

<http://localhost/project/index.php>

Events & Updates

INDUSTRIAL VISIT BY EEE STUDENTS(30-05-

2022)

CULTURAL EVENTS(12-02-2022)

CULTURAL EVENTS(06-02-2021)

ONLINE NOTICE BOARD

Photo Gallery in Admin Panel

<http://localhost/project/admin/gallery/index.php>

The screenshot shows the 'Photo Gallery' section of the admin panel. On the left is a sidebar with navigation links: Dashboard, Faculty, Placements, Notice Board, Photo Gallery (which is the active page), Admissions, Logout, and Light mode toggle. The main area has a heading 'Photo Gallery' and a sub-instruction 'Add 'new photos' into photo gallery by filling the details below...'. It contains two sections: 'Fill Details' (with fields for Event Name, Event Title, and Upload Event Photo) and 'Recent Gallery Content' (a table with columns for Event Name and Image, showing three entries for 'NSS ELOCUTION OF SELF DEFENCE' with corresponding thumbnail images). A 'Submit & Save' button is at the bottom of the details section, and an 'Update Gallery Details' button is at the bottom right of the content table.

Fill the Event name conducted by the organization and click on **Submit & Save** button. It will save the event details, to update the event details click on **Update Gallery Details**, it will redirect to another page where you can **UPDATE** or **DELETE** placement details.

The screenshot shows the 'Gallery Details' page. It has a 'Back to Home' link on the left. The main content is a table titled 'Gallery Details' with columns: Event Name, Event No, Image, and Operations. Three rows are listed, each representing an 'NSS ELOCUTION OF SELF DEFENCE' event, indexed from 1 to 3. Each row includes a thumbnail image and 'Update' and 'Delete' buttons in the Operations column.

- Click on **Update** to update placement details, it will redirect to Update Page

<http://localhost/project/admin/gallery/update.php?updateid=48>

Update Details

Event Name
NSS ELOCUTION OF SELF DEFENCE

Event to display as
1 ▾

Upload Event Photo

Choose File No file chosen

Update & Save

- Click on **Delete** to delete placement details of a student, it will delete placement details, on deleting please refresh the page.
- Finally the events or notices will be visible on Main Page Notice Board in scrolling manner.

<http://localhost/project/institute/gallery1.php>



Rajiv Gandhi University of Knowledge Technologies-Andhra Pradesh

Catering to the Educational Needs of the Gifted Rural Youth of Andhra Pradesh

(Constituted under the A.P Govt. Act 18 of 2008 and recognized as per Section 2(f) of UGC Act, 1956)

RK Valley Institute

Home Institute Academics Students Departments Placements Library Grievances Contact

Home // Photo Gallery

Photo Gallery

Images Of All Events



[Back to Home Page](#)

7. Conclusion

The software is designed in such a way that future modifications can be done easily. The following conclusions can be deduced from the development of the project:-

- Automation of the tire system improves the efficiency..
- This application will avoid the manual work.
- Updating of information becomes so easier.
- It gives appropriate access to the authorized users depending on their permissions.

It records all events entered by the admin, these data can be processed for productivity. These data is used for display the on notice board for users. So the admin and authority persons don't worry about the loss of data. Easily updates the data no need to update data on multiple places, once the data is entered then in respected areas it automatically updates the data.

Note:

All the images used in this project is purely used for education purpose only. All the image copyrights are reserved to particular Websites, Institutions and organizations.

8. List of Figures

The screenshot shows the homepage of the Rajiv Gandhi University of Knowledge Technologies, Andhra Pradesh (AP). The header features the university's name in English and Telugu, along with its motto "Catering to the Educational Needs of the Gifted Rural Youth of Andhra Pradesh" and founding year 1956. It also includes the ECAP Login link and a green circular logo.

The main content area displays a grid of logos for various placement partners, including Wipro, Capgemini, Cognizant, Hexaware, SkillSync, TCS, DXC Technology, Tech Mahindra, diamondpick, cogito, Cadence, HCL, REVATURE, Infosys, MAQ Software, DeltaX, Tata Communications, Mindtree, Mphasis, Zoho, TAVANT Technologies, Hidden Brains, Siemens, Larsen & Toubro, IBM, Bluebird, Deloitte, virtusa, and Atos.

To the right, there is a sidebar titled "Events & Updates" listing recent activities:

- Work was done under guidance of Mr. Ravi Kumar
- Site has been made responsive (R170648)
- ECAP Login Enabled (18-09-2022)
- Industrial visit by EEE Students (18-09-2022)
- SEM-2 E3 results has been updated (17-09-2022)

An "ONLINE NOTICE BOARD" button is also present.

This screenshot shows a section of the website dedicated to student reviews and placement statistics.

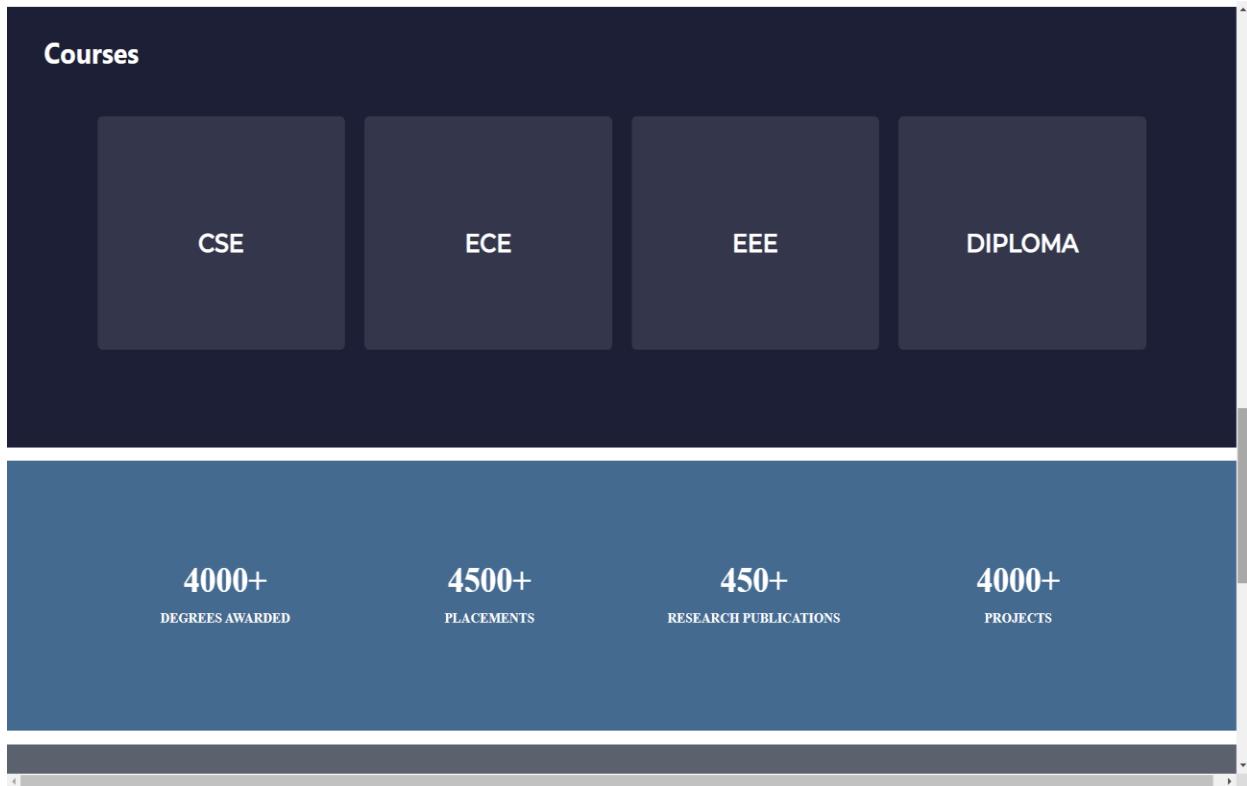
On the left, there is a "Admission Form" button with a download icon and a "VIEW MORE" link. On the right, there is a "Placement 2021-22" button with a trophy icon and a "VIEW MORE" link.

A large red box contains a student review from A. Sravani, a Project Engineer at Wipro. The review states: "For me, it was majorly about changing my domain and I was able to do that. If value to you means higher monetary compensation, I think it is a very good option, as all of us were placed at least 1.5X times our compensation prior to doing this course." Navigation arrows are present on either side of the review box.

This screenshot shows a section titled "Accreditations & Affiliations & Certifications".

Four logos are displayed in a row:

- A circular seal with a gear and text.
- A certificate for "Gouthami Institute of Leadership & Management For Women" ISO 9001:2015 certification.
- The "STATE BOARD OF TECHNICAL EDUCATION & TRAINING ANDHRA PRADESH" logo.
- The "SAMBHARLAL NEHRU TECHNOLOGICAL UNIVERSITY" logo.



Rajiv Gandhi University of Knowledge Technologies, AP
రాజీవ్ గాంధీ వైజ్ఞానిక సాంకేతిక విశ్వవిద్యాలయం, ఆంధ్రప్రదేశ్
Catering to the Educational Needs of the Gifted Rural Youth of Andhra Pradesh
(Constituted under the AP Govt. Act 18 of 2008 and recognized as per Section 2(f) of UGC Act, 1956)

Rajiv Knowledge Valley

Home Institute ▾ Academics ▾ Students ▾ Departments ▾ Placements Library Grievances Contact ECAP Login

Diploma
B.Tech ▾

CSE
ECE
EEE
HS

Events & Updates

ONLINE NOTICE BOARD

localhost/Project/gktam/index.php#

Overview of each department.

The screenshot shows a website navigation bar with links for Home, Institute, Academics, Students, Departments, Placements, Library, Grievances, and Contact. Under the 'Departments' dropdown, 'B.Tech' is selected, and a sub-menu for 'CSE' is open, showing options like Computer Science and Engineering, ECE, EEE, HS, and AI & ML. On the left, there's a sidebar with links for Computer Science and Engineering Faculty, Lab Details, Lab Images, Academic Programs, and a 'Back to Home Page' button. The main content area has a heading 'About Department' followed by a detailed description of the department's aims and research environment.

Vision

To prepare professionally superior and ethically strong global woman power in technology and management to serve the nation. To Produce Creators of Novel Technologies and the department aims to become a leader in the field of education, training and research in Computer Science and Engineering.

Mission

- The department strengthens the core competence in computer Science and Engineering by imparting quality education and training.
- To promote innovation and research through collaborative and participatory approaches.
- To inculcate the leadership capabilities, ethical values and professional behavior to face the challenges in global market.
- To strive hard in training the students with the current technology and motivate them to take up research problems and innovations associated with professional and personal to meet the challenges in this competitive world with utmost efficiency.

Programme Educational Objectives

PEO 1: Graduates will have the expertise in analyzing real time problems and providing appropriate solutions related to Computer Science & Engineering.

PEO 2: Graduates will have the knowledge of fundamental principles and innovative technologies to succeed in higher studies, and research.

PEO 3: Graduates will continue to learn and to adapt technology developments combined with deep awareness of ethical responsibilities in profession.

Programme Specific Outcomes

PO 1: An ability to apply knowledge of computing and mathematics in Computer Science & Engineering.

PO 2: An ability to analyze a problem, identify and define the computing requirements appropriate to its solution.

PO 3: An ability to design, implement and evaluate a computer-based system to meet desired needs with appropriate societal considerations.

PO 4: An ability to conduct investigations, interpret data and provide conclusions in investigating complex problems related to computer science & engineering.

PO 5: An ability to practice knowledge of the impact of professional engineering solutions in environmental contexts and the need for sustainable development.

PO 6: An ability to engage in continuing professional development and life-long learning.

Students Strength List for CSE Department	No.of Students
I ST Year	77
II ND Year	61
III RD Year	67
IV TH Year	69

Overview of the Students Section

Home Institute ▾ Academics ▾ Students ▾ Departments ▾ Placements Library Grievances Contact

Home // Campus Life and Facilities

Campus Buildings Health Center Library Play Ground Labs Sports Transporting and Parking

Back to Home Page

Education at GOUTHAMI
Admissions Facilities

Campus Life and Facilities

Health Center



Overview of the Academics Section

Home Institute ▾ Academics ▾ Students ▾ Departments ▾ Placements Library Grievances Contact

Home // Academics

Academic Programs Academic Calender Examination Cell

Academic Calender

Back to Home Page

Academic Calendar for the year 2021-22 [Download](#)

Academic Calendar for the year 2020-21 [Download](#)

Academic Calendar for the year 2019-20 [Download](#)

Overview of the Institute Section

Home Institute ▾ Academics ▾ Students ▾ Departments ▾ Placements Library Grievances Contact

Overview Vision Visionaries Executive Committee Photo Gallery

The management's vision is to empower women with top-notch technical education. We believe in practical hands-on experience, enabling our students to comprehend and master practical knowledge. Hence, our laboratories are well-furnished with modernized equipment, ample space, and facilities. We involve students in research and innovation for being able to match industry standards.

Mission

"To strive hard in training the students with the current technology and motivate them to take up research problems and innovations associated with professional, personality development programs to meet the challenges in this competitive world in an efficient manner."

9. References

For HTML, CSS, and JavaScript :

<https://www.w3schools.com/html/default.asp>

<https://www.w3schools.com/css/default.asp>

<https://www.w3schools.com/js/default.asp>

<https://www.youtube.com/c/Freecodecamp>

For PHP:

<https://www.w3schools.com/php/default.asp>

<https://www.sitepoint.com/php/>

<https://www.php.net/>

For MySQL:

<https://www.mysql.com/>

<http://www.mysqltutorial.org>

For XAMPP:

<https://www.apachefriends.org/download.html>

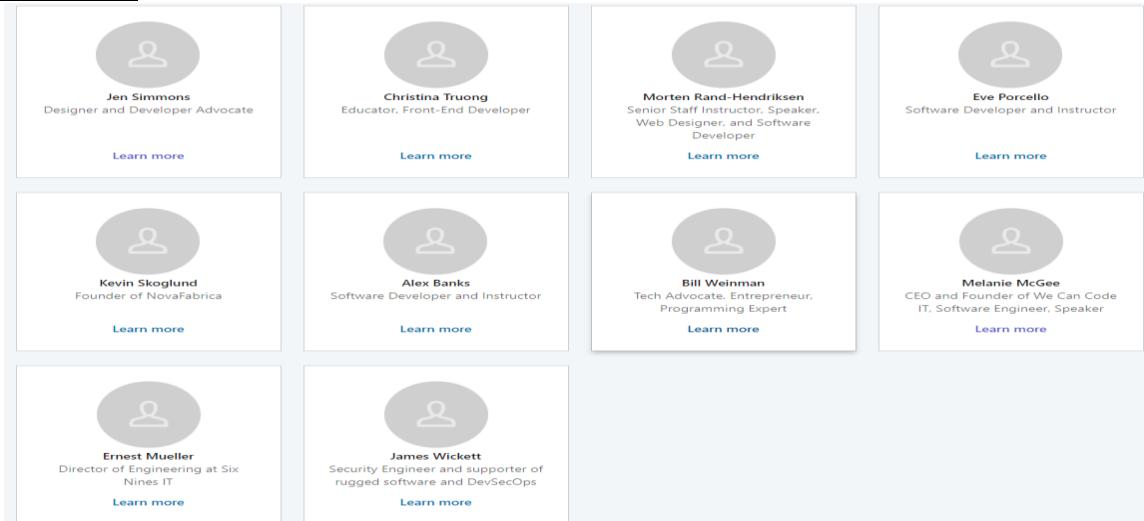
Udemy:

The Complete 2022 Web Development Bootcamp-Dr. Angela Yu

LinkedIn Learning:

Become a Full-Stack Web Developer

Instructors:



*****THANKYOU*****

