

# **PROJECT SYNOPSIS**

**OF**

## **Project Name** **(Govt. Polytechnic Kashipur)**

**Submitted to:**  
**Mr. ABC**

**Submitted by:**  
**ABC**  
(Complete team member Name)

## **OBJECTIVE**

The objectives of the system are-

- To reduce paperwork.
- Reduced operational time.
- Increased accuracy and reliability.
- Increased operational efficiency.
- Data security.

This software package can be readily used by non-programming personal avoiding human handled chance of error. This project is used by two types of users

- i. Students.
- ii. Placement Head.

Students can create their accounts and see the job posts by placement head and also apply for particular job.

Placement Head can maintain daily updates in details and print reports according to need.

Administrator is must be an authorized user.

Application can be upgraded according to user's and administrator's requirements with little changes.

New features can be added as per requirements.

## **MODIFICATION AND IMPROVEMENT OVER THE EXISTING IMPLEMENTATION**

### **Present State of Project:**

- No Software present at all.
- Time consumed in accessing the records of the students.
- Manual creation of lists of eligible and not eligible students.
- Students are informed by sending mail to them manually.
- Headache of placement cell is more to manage the information of students manually.
- More time taken to registration of students on registration forms.

### **After implementation of project:**

- Easy to use GUI.
- Students can register online no rush for registration in Placement department.
- Respective eligible students can get informed by email automatically.
- List of eligible students can be made on single click.
- Report of students according to need of placement cell can be generated easily.
- Burden of Placement cell decreases.

## **SCOPE OF PROJECT**

This project has a large scope as it has the following features which help in making it easy to use, understand and modify it:

- Automation of Placement Procedure
- No Need to do Paper Work.
- To save the environment by using paper free work.
- To increase the accuracy and efficiency of the placement procedure.
- Management of Student Data.

This software package can be readily used by non-programming personal avoiding human handled chance of error. This project is used by two types of users

- iii. Students.
- iv. Placement Head.

### **Main Points are:-**

- Simplified Management of Student Profiles.
- Job Posting.
- Selection Results.
- Real-time Information Publishing through system alerts.

## **SIGNIFICANCE OF PROJECT**

The significance of the project is to provide the following benefits:

- The significance of project is to automate the Placement process of the institute.
- There is no worry of checking the Placement department time to time.
- Students get emails for updates related to companies for which they are eligible.
- Placement cell also can create lists on the basis of requirement of company there is no need to do it manually.
- Placement reports i.e. Company wise report, Branch wise report & Package wise report etc.

## TOOLS AND TECHNOLOGY USED

### Tool:

- **Visual Studio 2010:** Microsoft Visual Studio is a powerful IDE that ensures quality code throughout the entire application lifecycle, from design to deployment. Whether you're developing applications for SharePoint, the web, Windows, Windows Phone, and beyond, Visual Studio is your ultimate all-in-one solution.
- **MSSQL:** - Microsoft SQL Server is a relational database management system developed by Microsoft. As a database, it is a software product whose primary function is to store and retrieve data as requested by other software applications, be it those on the same computer or those running on another computer across a network (including the Internet). There are at least a dozen different editions of Microsoft SQL Server aimed at different audiences and for different workloads (ranging from small applications that store and retrieve data on the same computer, to millions of users and computers that access huge amounts of data from the Internet at the same time).

### Technology:

- **ASP.Net :** - ASP.NET is a Web application framework developed and marketed by Microsoft to allow programmers to build dynamic Web sites, Web applications and Web services. It was first released in January 2002 with version 1.0 of the .NET Framework, and is the successor to Microsoft's Active Server Pages (ASP) technology. ASP.NET is built on the Common Language Runtime (CLR), allowing programmers to write ASP.NET code using any supported .NET language. The ASP.NET SOAP extension framework allows ASP.NET components to process SOAP messages.
- **C#.Net:** - C#.Net is a programming language developed by Microsoft.
- **SQL:** - SQL is a structured query language used for querying database.
- **HTML:** - It is used for giving eye catching look to the website. And also providing easy to use GUI.
- **CSS:** - CSS is cascading style sheet which is used to give designer look to HTML using the external file.
- **Java script:** - Java script is used for client side scripting which can help in using validation on the website and many more other functions.

## **REFERENCES**

- [www.asp.net](http://www.asp.net)
- [www.stackoverflow.com](http://www.stackoverflow.com)
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