

Summer Internship Report 2021

B.Tech – CP Semester 4
Chovatiya Parth Bharatbhai
19CP023



Birla Vishvakarma Mahavidyalaya

Engineering College, Vallabh Vidyanagar
[An Autonomous Institution]
Managed by Charutar Vidyamandal

Project Title:

**Training and Placement Management Web
Application**

Introduction

- Training and Placement Management System that helps to manage information related, how many companies visited till now, how many Students are placed and how many students are placed in particular company and all other information as well.
- I made this training and placement management application to make work life easy for training and placement coordinator and for replace all paper work with this digital software-based solution.
- This web application will also manage all necessary details about companies and all necessary details of student.
- This web application will manage following things.
 - Manage necessary information about companies and student.
 - Keep track of placement record.
 - Keep track of placement status of student.
 - Keep track of package offering by different companies.
 - Keep track of academic details of student.
- Advantage of Project.
 - Replace paper work with digital technology.
 - Easy to use by student and companies.
 - Easy to monitoring by college faculty.
 - Cost efficient and Easy to maintain.
 - Time saving for companies and student.
- In this project company can see all necessary information of students like, academic details, contact details etc. do that company can sort list student for giving interview.

Objective

The main objective of this project is to develop real time web application which manage all necessary and important things that is required by student and company. So that student can see that, in which company they are eligible and also companies can see students details so that company can sort list students for giving interview.

Function of Project

- Training and Placement web application helps to manage the information related to training and placement.
- First of all, Students need to register in application who want to seat in interview and Companies also need to register who want to hire from campus.
- While creating account, student and companies need to fill all necessary details in the form and submit it. When they submit it, All the detail is going to be store in database.
- After registered, login id and password will be given and they can login with this login id and password.
- If student/company login with invalid details then they are not eligible to see dashboard.
- After login, student/company can see dashboard, in which details are visible such that, in student dashboard student can see in which company they eligible for giving interview. And in company dashboard, they can see how many students are eligible for that company.
- If student or company need to change the details the they need to contact to placement coordinator.
- Othe users can see the placement record with graph and also, they can see which company offered how much and how many students are placed in that company int particular year.
- Company needs to set the eligible criteria, like if TCS want to take interview of CP, IT and EC branch students whose CPI is above 7.50. then only CP, IT and EC branch students are eligible whose CPI is on or above 7.50. and company can see these students details in dashboard page. And also, whose students are eligible, they can see company details int student dashboard page.

Technologist Used

- I used MERN stack to build this project.

About MERN stack

- MERN stack is a collection of robust and powerful technologies used to develop scalable master web application, comprising front-end, back0end and databases components.
- MERN stack comprises of 4 technologies namely: MongoDB, Express, React and Node.js

MongoDB

- MongoDB is a cross-platform document-oriented database program.
- This is a NoSQL database program.
- MongoDB uses JSON like document with optimal schemas.
- MongoDB works on concept of collections and document.

ExpressJS

- Express.js or Express, is a back-end web application framework for Node.js.
- It is an open-source software under the MIT License.
- It is design for building web application and APIs.

ReactJS

- React is JavaScript library for building front-end and UI components.
- React is a free an open source for building front-end of web application.
- It is maintained by Facebook and community of individual developers and companies.

NodeJS

- Node.js is JavaScript runtime environment that runs on the V8 engine and execute JavaScript code outside a web browser.
- Node.js is an open-source platform.
- Node.js can be used in both the front-end and back-end of application.

Schedule

1st Week

Date	Task
18-06-2021	Created Database Schema and Create an environment for project
19-06-2021	Created companies and student collection in MongoDB
20-06-2021	-
21-06-2021	Created an api for companies and student for login
22-06-2021	Created Authentication system for student and companies
23-06-2021	Created an api for companies and student for register
24-06-2021	Created Login Page for student and Companies

2nd Week

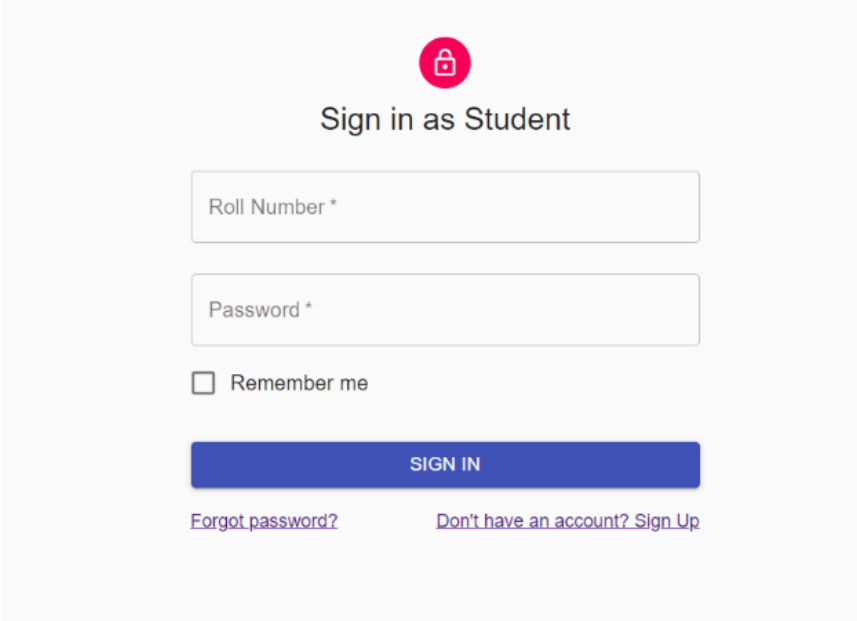
Date	Task
25-06-2021	Created Multistep Register form for student and companies
26-06-2021	Connected Login and Register form with backend
27-06-2021	-
28-06-2021	Created Navbar and Footer and Home Page of Website
29-06-2021	Created Dashboard Page and Fixed some bugs
30-06-2021	Created Placement Home Page and Implemented data in Chart
01-07-2021	Created Placement Record Page and Associated Recruiters Page

3rd Week

Date	Task
02-07-2021	Created Recruiters Speak page and Add another Chart
03-07-2021	Fixed backend bugs
04-07-2021	Improve UI

Screenshot of different feature

Student Login Page



A screenshot of the Student Login Page. At the top center is a red circular icon with a white padlock. Below it is the text "Sign in as Student". There are two input fields: "Roll Number *" and "Password *". Below the password field is a checkbox labeled "Remember me". A blue button with the text "SIGN IN" is centered below the checkbox. At the bottom, there are two links: "Forgot password?" and "Don't have an account? Sign Up".

Sign in as Student

Roll Number *

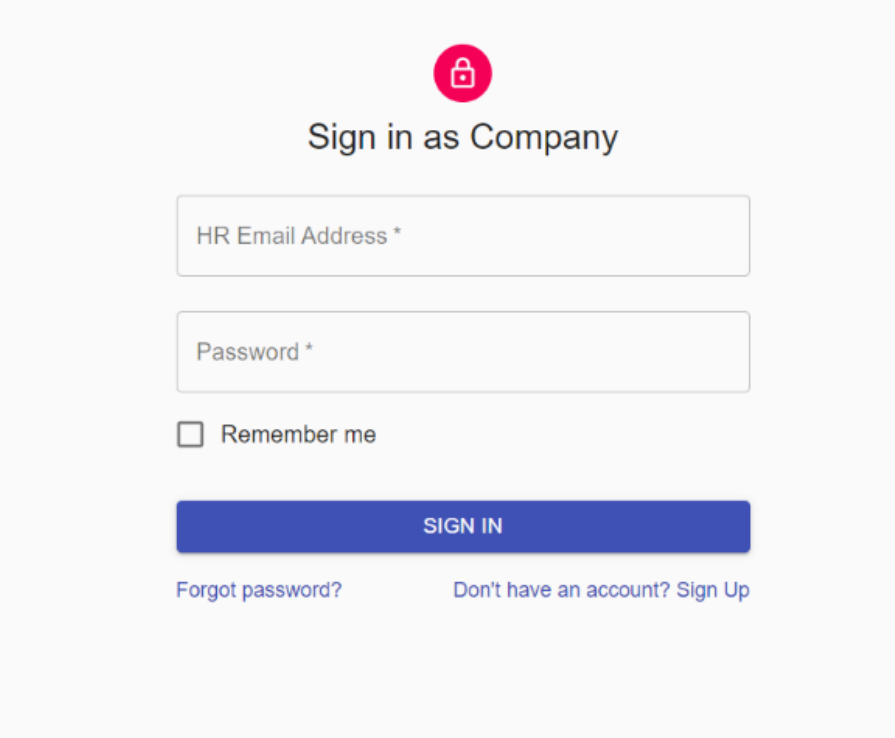
Password *

☐ Remember me

SIGN IN

[Forgot password?](#) [Don't have an account? Sign Up](#)

Company Login Page



A screenshot of the Company Login Page. At the top center is a red circular icon with a white padlock. Below it is the text "Sign in as Company". There are two input fields: "HR Email Address *" and "Password *". Below the password field is a checkbox labeled "Remember me". A blue button with the text "SIGN IN" is centered below the checkbox. At the bottom, there are two links: "Forgot password?" and "Don't have an account? Sign Up".

Sign in as Company

HR Email Address *

Password *

☐ Remember me

SIGN IN

[Forgot password?](#) [Don't have an account? Sign Up](#)

Home Page

Training & Placement Cell

HomePlacementsFor StudentFor Company



Birla Vishvakarma Mahavidyalaya Engineering College



TRAINING AND PLACEMENT CELL

Birla Vishvakarma Mahavidyalaya Engineering College, Vallabh Vidyanagar
[An Autonomous Institution]
Managed by Charutar Vidyamandal

Birla Vishvakarma Mahavidyalaya

VISION
"Produce globally employable innovative engineers with core values."

MISSION
Re-engineer curricula to meet global employment requirements. Promote innovative practices at all levels. Imbibe core values. Reform policies, systems and processes at all levels. Develop faculty and staff members to meet the challenges.

Principal's Message

Dear All, Birla Vishvakarma Mahavidyalaya Engineering College (BVM), an institution of Charutar Vidya Mandal, is the first engineering college of state (Since 1948) as well as first autonomous college of state (since 2015) established in 1948 by inspiration and motivation of Iron man of India Shri Sardar Patel and generous contribution from Shri Ghanashyamdasji Birla which is committed to emerge and disseminate world class unique learning experience through research based education and innovation across sphere. This premier technical institution has nurtured 20,000+ engineers and continuously evolved with the facilities like best infrastructure, state of art Laboratories upgraded with instruments and utility software packages, enriched library, central computing and net station, canteen, play field, gymnasium, medical

For Company

Register here to recruit students from Birla Vishvakarma Mahavidyalaya Engineering College through campus placements.

Register

For Student

Register here to seat in campus placement.

Register

Campus Beautiful Moments



ASSOCIATIONS

Home
Placement
Login as Student
Login as Company
About Us

Contact Us

Birla Vishvakarma Mahavidyalaya Engineering college
Post Box No. 20,
Vallabh Vidyanagar, 368 120
Dist. Anand (Gujarat) India
Telephone: +91 2892 230104
Email Id : principal@bvmengineering.ac.in

Virtual Tour





Training and Placement details Page

Training & Placement Cell

Home

Placements

For Student ▼

For Company ▼

Training & Placement Cell

Placement Record

Associated Recruiters

Recruiters Speak

Placement Gallery

Training and Placement Cell

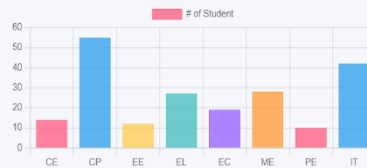
BVM, a premier engineering college, is considered to be top 1% among all engineering colleges in Gujarat. Since inception, BVM has a record of best Placement all over Gujarat. Around 35+companies, including MNCs like Infosys, Essar, TCS, L&T, ABB, Torrent Power, Seimens, etc.. visit BVM every year for placement.

Mr. Mehul Patel [I/C Training And Placement]

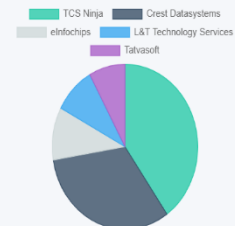
Dr. Mehul Shah [Assistant Training And Placement]

Contact:+91 9978997088/ +91 9909529395

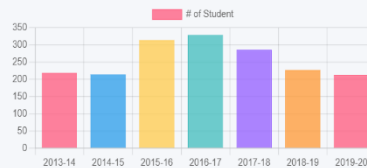
Branchwise Placement



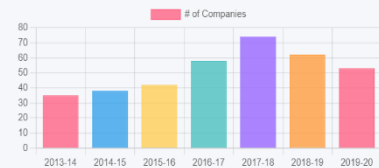
Top Recruitment Company



Placement (Year on Year)



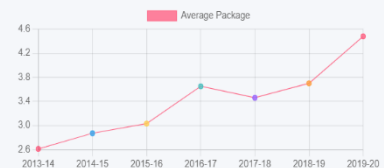
Companies Visited (Year on Year)



Highest Package



Average Placement



Associated Recruiters Page

Training & Placement Cell

Home

Placements

For Student ▾

For Company ▾

Training & Placement Cell

Placement Record

Associated Recruiters

Recruiters Speak

Placement Gallery

Associated Recruiters

Infosys®



Tech
Mahindra



VOLANSYS

Recruiters Speak Page

Training & Placement Cell

HomePlacementsFor Student ▼For Company ▼

Training & Placement Cell

Placement Record


Associated Recruiters

Recruiters Speak


Placement Gallery

Recruiters Speak


Infosys

**Harleen Sodhi** - Assistant Manager,HR
Candidates possess good analytical skills and are technically sound. Students also gave an impression of being dynamic and sincere.


Tech Mahindra

**Mangesh Tapare** - Manager,HR
College Infrastructure is really Good. Students may focus conducting more soft skill Programme.


Atul Ltd.

**Maitry Panchal** - Senior Executive,HR
Great Hospitality provided.It was overall great efforts by the students in synchronising th process.


TBEA Energy

**Kunal Kuma** - Senior Manager,HR
It was a good experience. Overall Knowledge level of students was very good.


Essar

**Janmesh Pandya** - Human Resource Manager
Wonderful experience in terms of practical exposure, soft skills, professional etiquettes and the overall Confidence.


Havells India Ltd.

**Meenesh Chaudhary** - Manager,HR
Overall Infrastructure & facility was excellent. Good Coordination during the whole process. Students were good.


ADANI GAS

**Anirban Kapat** - Head HR
Pleased to have an opportunity towards positive building of young talents.


Rang Technologies

**Ronak Patel** - Managing Director
We had really good experience with GCET as per our requirment of communication & Flexibility.

GHCL

**Siddhi Mehta** - Assistant Manager,HR
Overall it was nice experience.Quality of students is considerable.Very nice support provided by GCET to take us our process smoothly.

Vardhman Acrylics

**Deepak Shukla** - Human Resource Manager
Co-operation recived was excellent & supportive with positive attitude of students.

Student Register Form

Register

1

About your self

2

Academic details

3

Review your data

About your self

Full Name *

Student Id No. *Enrolement No. *

Aadhaar No. *

Email Id. *

Contact No. *Date of Birth (MM/DD/YYYY) *

Gender *Religion *

Address Line 1 *

Address Line 2

City *State/Province/Region *

Zip / Postal code *Country *

NEXT

Register

✓

About your self

2

Academic details

3

Review your data

Academic details

Course Type *
B.Tech

Department *
Computer Engineering

Passing Year *
2018

CGPA *
8.58

BACKNEXT

Register

✓

About your self

✓

Academic details

3

Review your data

Your Data

Full Name	Parth Chovatiya
Student Id No.	14CP023
Enrolement No.	456789
Aadhaar No.	123456789112
Email Id	parthchovatiya3@gmail.com
Contact No.	45645656
Date of Birth	08/14/2002
Gender	Male
Religion	Hindu
Address	51-52 Gopinath Society V-2 Katargam
City	Surat
State	Gujarat
Zip / Postal Code	395004
Country	India
Course Type	B.Tech
Department	Computer Engineering
Passing Year	2018
CGPA	8.58

BACKSUBMIT

Register

✓

About your self

✓

Academic details

✓

Review your data

Your data is saved.

Your Student ID : 14CP023

Your Password : tEHsWAa

Kindly Login.

Company Register Page

Register Your Organization

1 About Company — 2 Hiring Criteria details — 3 Review your data

About your self

Organization Name *

TCS

Website *

www.tcs.com

HR Name *

Jay Kumar

HR Email Id. *

parthchovatiya@gmail.com

HR Contact No. *

123456456

Address Line 1 *

51-52 Gopinath Society V-2 Katargam

Address Line 2

City *

Surat

State/Province/Region *

Gujarat

Zip / Postal code *

395004

Country *

India

NEXT

Register Your Organization

1 About Company — 2 Hiring Criteria details — 3 Review your data

Academic details

Interview Date *

24/08/21



☒ Computer Engineering

☐ Civil Engineering

☐ Electrical Engineering

☐ Electronics Engineering

☒ Electronics and Communication Engineering

☐ Mechanical Engineering

☐ Production Engineering

☒ Information Technology

CGPA *

8.6

BACK

NEXT

Register Your Organization

1 About Company — 2 Hiring Criteria details — 3 Review your data

Your Data

Organization Name TCS

Website www.tcs.com

HR Name Jay Kumar

HR Email parthchovatiya@gmail.com

HR Contact No. 123456456

Address 51-52 Gopinath Society V-2 Katargam

City Surat

State Gujarat

Zip / Postal Code 395004

Country India

Criteria to select students

Tentative Interview Date 08/24/2021

MIN CGPA 8.6

Computer Engineering

Electronics and Communication Engineering

Information Technology

BACK

SUBMIT

Register Your Organization

1 About Company — 2 Hiring Criteria details — 3 Review your data

Your data is saved.

Your ID : parthchovatiya@gmail.com

Your Password : Lq5zGMK

Kindly Login.

Company Dashboard Page

Training & Placement Cell[Home](#)[Dashboard](#)[Placements](#)[For Company ▾](#)[Logout](#)

These Students are eligible in your company for taking interview.

Full Name	Student Id No.	Enrolement No.	Email	Contact No	Gender	Date of Birth	Religion	Address	Aadhaar
Savan Gadhiya	19CP080	789456123	sg@gmail.com	456456123	Male	06/09/2021	Hindu	51-52 Gopinath Society V-2 Katargam Surat Gujarat 395004	12345678
Neer Koshiya	17CP350	456321	neerkoshiya@gmail.com	4564549757	Male	07/16/2002	Hindu	Dabholi Surat Gujarat 395004	12345678
Smit Sonani	14CP023	12654123	smit@gmail.com	745631	Male	07/03/2004	Hindu	Dabholi Surat Gujarat 395004	12345678

Rows per page: 10 ▾ 1-3 of 3 < >

Student Dashboard Page

Training & Placement Cell[Home](#)[Dashboard](#)[Placements](#)[For Student ▾](#)[Logout](#)

You are Eligible in these Company.

Organization Name	Organization Website	Organization Address	HR Name	HR Email	HR Contact No.	Interview Date
TCS	www.tcs.com	Dabholi Varachha Surat Gujarat 395002	Rakesh Patel	rakesh@tcs.com	758693214	07/15/2021
Infosys	www.infosys.com	Mumbai Mumbai Gujarat 400001	Jay Kumar	jay@infosys.com	456325896	07/28/2021
Google	www.google.com	Dabholi Katargam Surat Gujarat 395004	Sahil Gadhiya	sahil@google.com	784596857	07/21/2021
Adobe	www.adobe.com	Banglore Banglore Banglore 395004	Yash Patel	tash@adobe.com	456213	07/14/2021
TCS	www.tcs.com	51-52 Gopinath Society V-2 Katargam Surat Gujarat 395004	Jay Kumar	parthchovatiya@gmail.com	123456456	08/24/2021

Rows per page: 10 ▾ 1-5 of 5 < >

Thank You