

**Indian Institute of Information
Technology Vadodara**

Online Placement Cell

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Introduction-

The project “ONLINE AND PLACEMENT CELL” is an android application that can be accessed by the student throughout the organization with the proper login provided. This application can also be used by the training and placement officer to maintain all the records of the students as well as the activities related to the training and placement cell. The students are registered by admin for the placement activities through this application. Once the registration gets successful, a unique password will be created for an individual student. Students can change their password any number of times. The students may also receive notifications regarding the upcoming campus drive. It also provides information about the campus details, criteria for the campus, recruitment process. A link will be provided by the administrator of the upcoming company(JAF) where the students can obtain extra information about the company. Placement officers will also be provided a password by the administrator. This application helps the placement officer to update the correct details of the requested students. The administrator only has the right to access the database. Students will also be updated about the campus drive. Alumni can share the information about the previous placement or answer any query asked by the student. Some of the features of this application include the following: Work can be done in a computerized way, No need of paperwork, To increase the accuracy and efficiency of the placement process management of student data, Analysis of the overall placement process and the work burden will be less for the training and placement department.

LITERATURE SURVEY

This software describes the solution to a problem that occurred in the existing manual system. The major problem in the existing manual system is searching and updating the student data. Also, it would be difficult for the training and placement officer to filter the list of the students based on the criteria of the campus drive. The proposed system includes processes like registration, update, and searching for the student data. There are mainly two users: Training and placement officer (TPO) and student. The admin is the master user. The alumni user is for discussion and experience sharing. Admin has a number of priorities than the other users. Students can register and can also view their account details. This project is aimed at developing an Android application for training and placement cell. In the existing system, every work is done manually and also student detail is maintained in an excel sheet. Maintaining and managing a large amount of data is a difficult task. So to overcome the drawbacks of the existing system the proposed system is developed. It provides an easy way for the training and placement officer to upload information and update the details in the students' database. Students will receive notification about the campus drive. Training and placement officers will upload information about the campus drive. This system can save time and effort.

Methodology -

Login for Student, Admin, Alumni, TPO: The user may log in through their android devices.

Authentication: All the logins would be authenticated at the server-side of the owner using firebase' authentication service.

Creating database: The database will reside data regarding upcoming companies, previous year papers, notifications and messages in a real-time database at google's platform firebase.

Information was given by training and placement officer: To access the system the placement officer needs to enter a proper id and password. The upcoming companies and previous year papers details will be updated by the placement officer.

All students or a particular student can be notified.

Information view by students: In this module, the student can view the information uploaded by the Tpo regarding the campus drive and also details of the particular company or previous year papers.

Account Details and change of password: All the users can view their account details and also have the authority to edit their password.

Users can also logout from the system.

Discussion: A student can discuss something with another student or alumni.

Notifications: All students or a particular student can be notified by tpo.

Modules-

This App will have four modules -

- **Admin:** Admin will have the authority of adding TPO (Training placement officer) and will register students, alumni.
- **TPO(Training placement officer):** TPO will provide functionalities like - Add upcoming company details, notify students, add previous papers, view Account details and edit passwords.
- **Student:** Students will have functionalities like-Participate in the Q&A section, can view and post in the discussion forum, will get updates about notifications, view previous papers of different companies and company details as well.

- **Alumni:** In the Alumni section passed out seniors can access forum section to share their interview or job experiences and can answer queries in the Q&A section.

System Requirements:

- Java JDK5 or later version
- Java runtime environment (JRE) 6
- Android 6.0 (API 23)
- Android studio
- Android SDK
- Microsoft Windows 10/8/7(32 or 64-bit)•
- 2 GB RAM minimum, 4 GB RAM recommended
- 400 MB hard disk space
- At least 1 GB for Android SDK, emulator system images, and caches

The software packages used, as well as the languages employed in each one of them, are as follows:

- Front End: XML, JAVA
- Database: Firebase
- Operating System: Windows 10 and Ubuntu 16.04
- IDE: Android Studio
- Emulator: Nox
- Virtual Device: Nexus

User Stories:

As an Admin, I want to add Training Placement Officer.

As an Admin, I want to add Students.

As an Admin, I want to add Alumni.

As a Student, I want to be Notified about the recent activities in Placement cell.

As a Student, I want to see details of the company, which has or will visit the Campus.

As a Student, I want to see Previous year papers.

As a Student, I want to take part in discussion with my fellows and Alumni as well.

As a Training Placement Officer(TPO), I want to send notifications to students in particular and also in whole.at one go

As a TPO, I want to add company details of those company which all are visiting our campus.

As a TPO, I want to upload papers

As an Alumni , I want to share my experiences with my fellows.

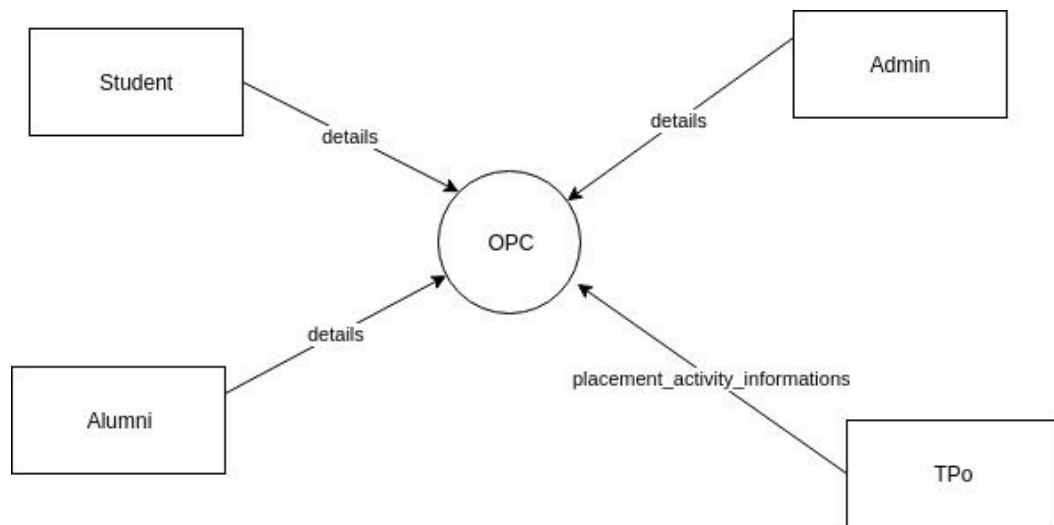
As an Alumni, I want to take part in discussions with the fellows.

As an User, I can login and logout

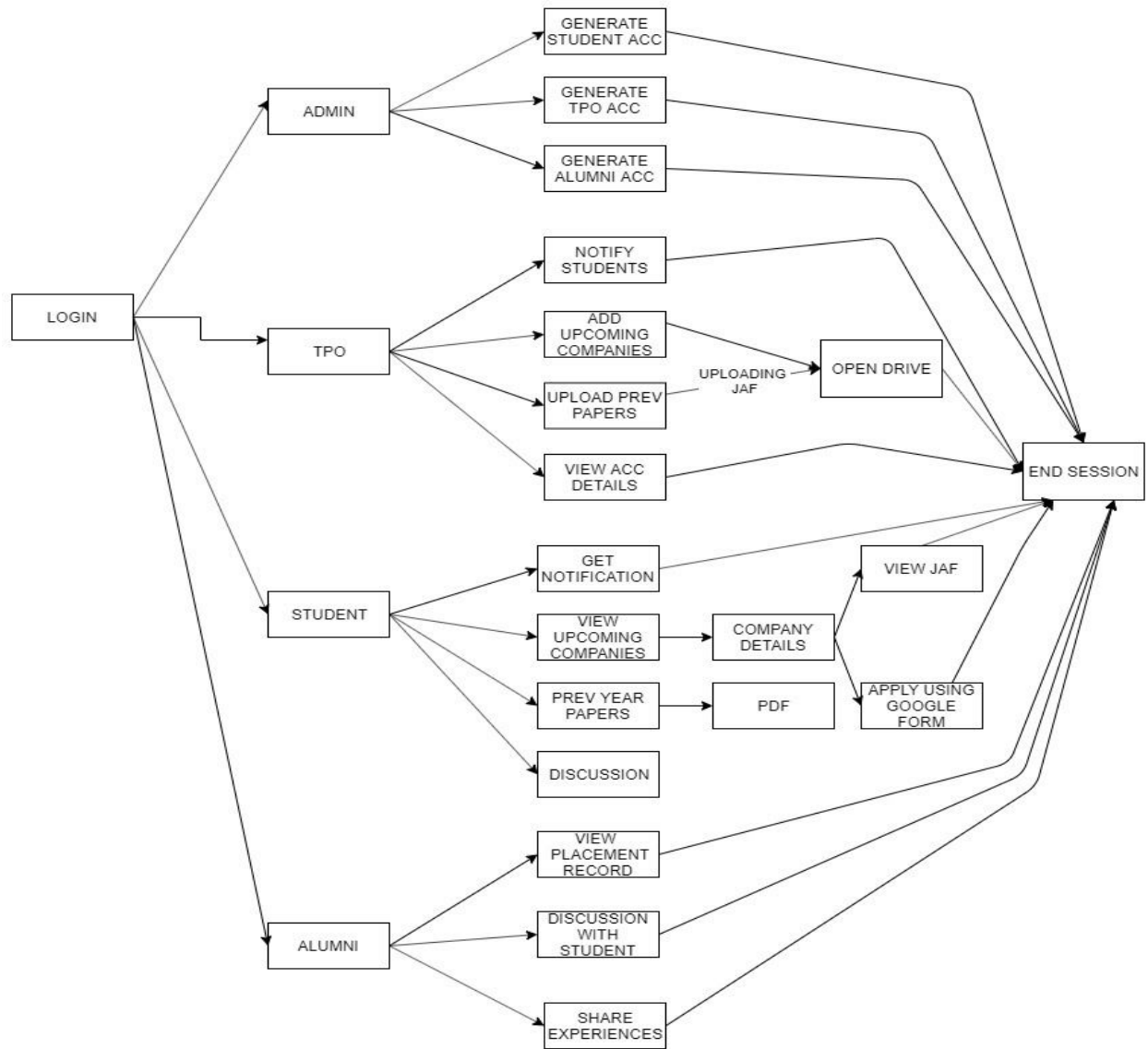
As an User, I can see my Account details.

As an User, I can edit my password.

DFD Diagram (Level 0) :

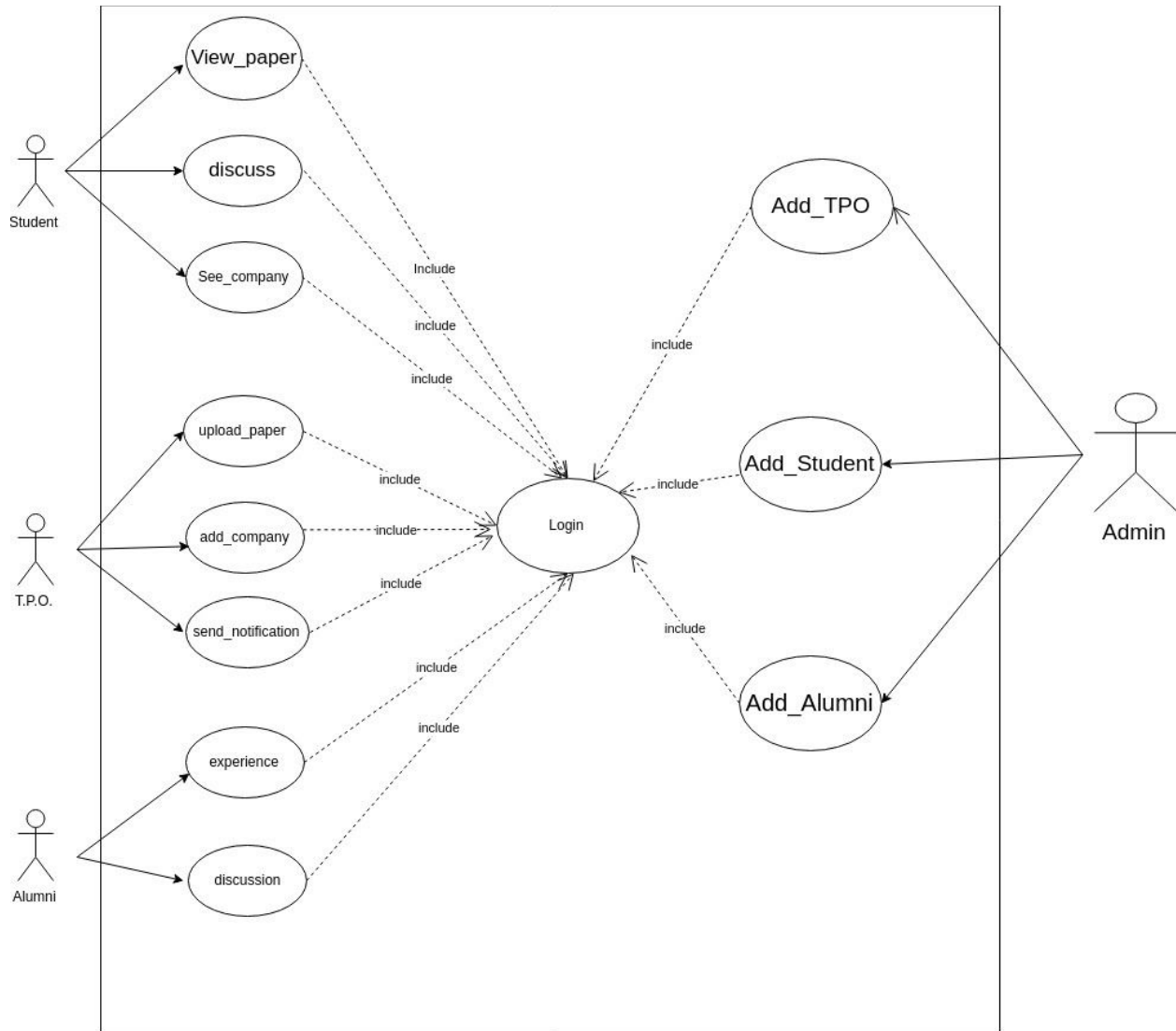


DFD Diagram (Level 1) :

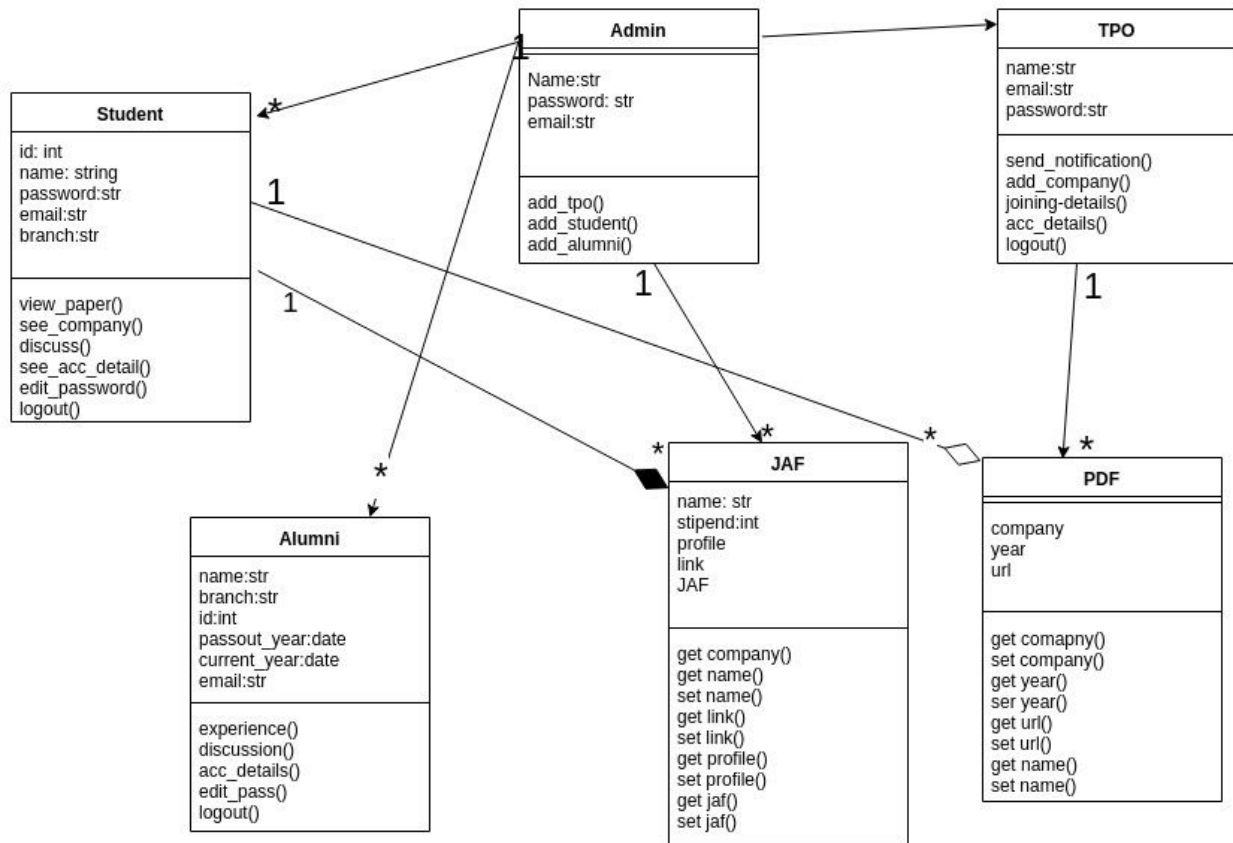




Use case diagram :



Class Diagram :



UI Flow Diagram:

Screenshots:

09:17

Von VoLTE 4G 94%

OPC

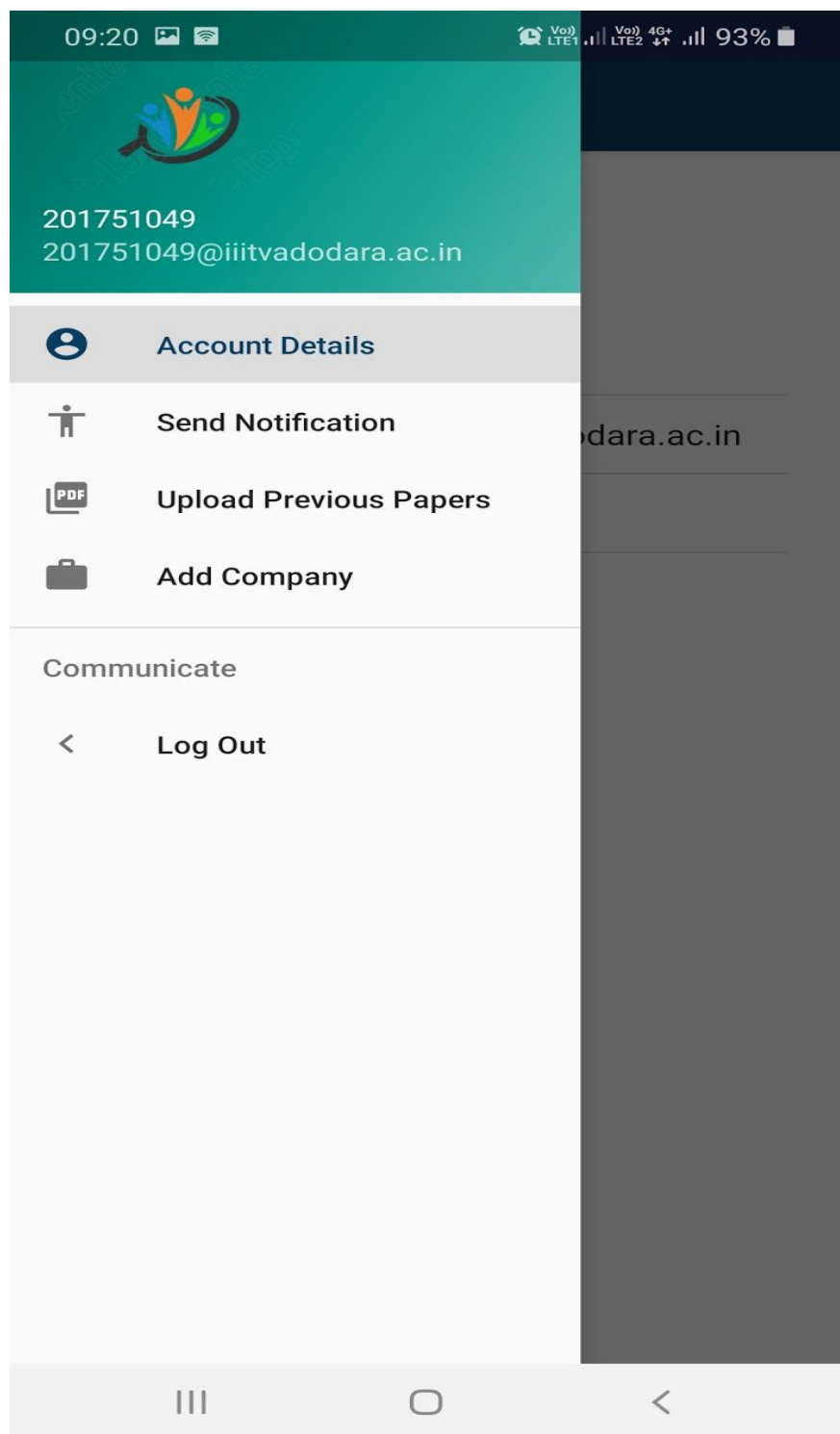
Sign In As

- ☐ TPO
- ☐ Student
- ☐ Alumni
- ☐ Admin

Email

Password

SIGN IN



09:21

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OPC

201751049

This is to inform you that you have been selec

SNED NOTIFICATION

SEND NOTIFICATION TO ALL STUDENTS

09:22



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OPC

Amazon

Uploading....



Uploaded: 0%

2015

ADD PAPER



09:25

Vol LTE1 Vol 4G 92%



Notifications



Online test Tomorrow of SkyHigh

18-11-2019

18:27:31

hello hi what's up

18-11-2019

19:30:11

hello hi what's up

18-11-2019

19:30:23

het

18-11-2019

19:30:33

het

18-11-2019

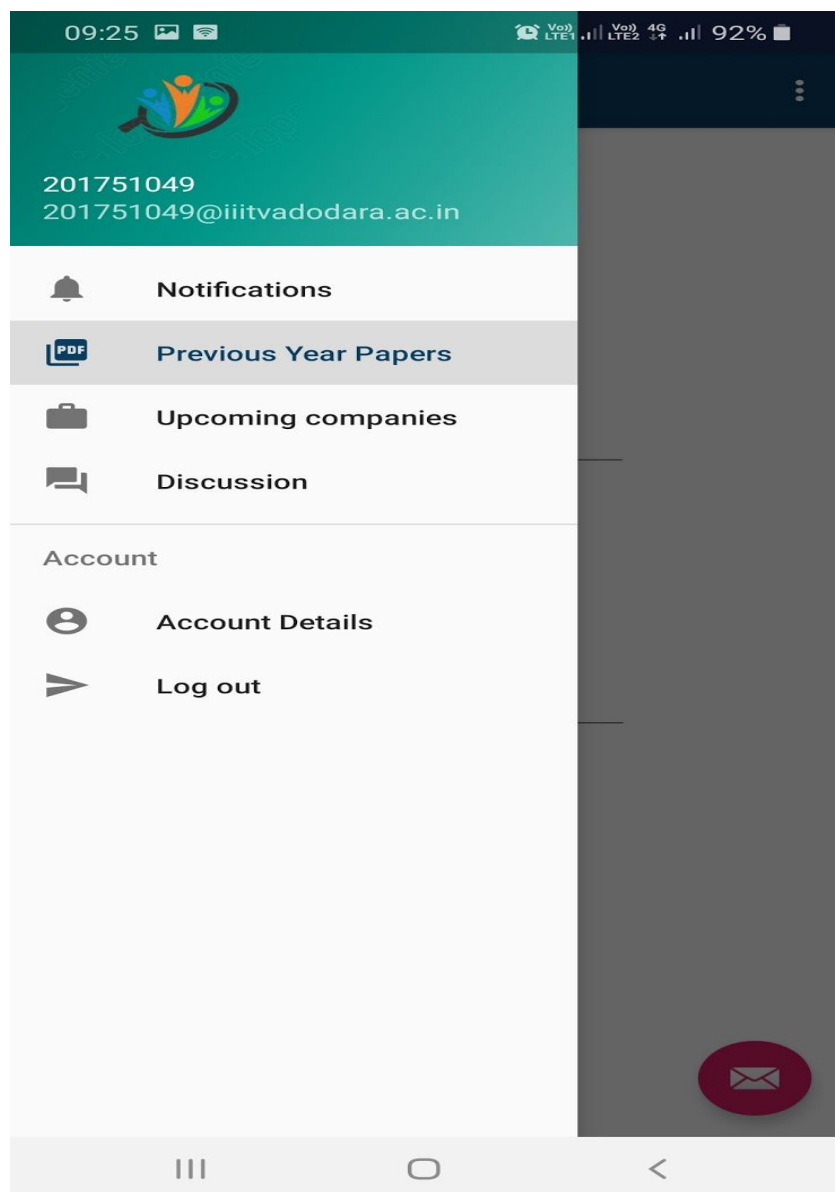
19:30:34

This is to inform you that you have been
selected for the next round of AS interview

23-11-2019

09:21:21





09:26

Voi LTE1 4G 92%



Discussion



201351001@iiitvadodara.ac.in
hii

201351001@iiitvadodara.ac.in
hello when is our exams are
starting?

201351001@iiitvadodara.ac.in
hhallo

201351001@iiitvadodara.ac.in
hhallo

201751035@iiitvadodara.ac.in
how can you do this

201751065@iiitvadodara.ac.in

Its similar to the previous o

SEND



09:26

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Upcoming Companies



Amazon

adobe

mathworks

redsky



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VoLTE1 LTE2 4G+ 92%



OPC

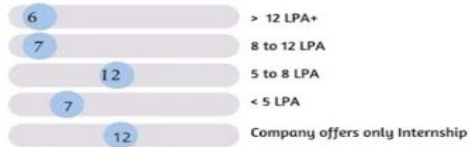


Indian Institute of Information Technology Vadodra Placement Cell Record 2018-19

Placement Highlight



Placement Highlight



Salary Statistics (in LPA)

Highest Salary 15.31 LPA

Lowest Salary 3.36 LPA

Median Salary 6 LPA

Average Salary 6.4 LPA

Technical 75

Non - Technical 7

Placement statistics 2018-19 (BTech + MTech)

S.No	Branch	Batch Strength	No. of Registered/ Eligible Students	Total Students placed	Total Offer Received	Placed %
1	B.Tech CSE	63	51	49	67	96.1
2	B.Tech IT	30	29	29	38	100
3	M.Tech CSE	6	5	4	5	80
	Total	99	85	82	110	96.5

Our Past Recruiters



09:27

Voi LTE1 Voi LTE2 4G 92%



Discussion

gargkhushboo2815@gmail.com
mathworks experience

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mathworks experience

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mathworks experience

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mathworks experience

201351001@iiitvadodara.ac.in
Redsky experiences

[gargkhushboo2815](mailto:gargkhushboo2815@gmail.com)
adobe experience

type

SEND



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Voi

LTE1



Voi

LTE2



4G



↑



92%



rotheprajwal25
rotheprajwal25@gmail.com



add Alumni



Add Tpo



Add Student

Communicate



Log Out



