# IGNOU

##### Project Proposal (Synopsis) Of

**BACHELOR IN COMPUTER APPLICATION (BCA)**

**On**

*Institute Management System*

(Web Application)

Submitted By

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**INTRODUCTION**

**Institute Management System**

**Institute Management System** is the software made for the user and faculty to find, manage, and perform many functions. Many modules are included in the software to perform full operation like searching courses of the institute, getting full details about the respective course, get enrolled by filling a form with correct detail which on completion provide a pdf file having all submitted details with a unique enrolment no, find details about the institute and contact details, for faculty they can see no. of students in the institute in a list and full details of a student with their specific enrollment number, list of faculties in the institute and their detail, with all these only the owner will be able to add new faculty in the list of the institute.

At very first when a user will open the institute site, the site will open its home page which will contain a nice image with a logo and inspiring line at the center nothing else, but on scrolling it will show other content like achievements, few courses, hyperlink to all the courses page, about the institute and few location contactable details with a hyperlink containing full contact page which will have a form for user or guardian to contact online through an online form, mail, and mobile numbers to contact in the institute to clear all the query.

**OBJECTIVE OF THE PROJECT**

As the title of the project suggests, the objective of this software (web application) is to automate all the works (excluding teaching) of Institute related with the management of admission getting details etc. Some of the features of this software would be: -

* Creating a system to automate the services offered by the Institute Management, this would be more flexible than human to human contact as of today’s corona situation.
* It allows a user search for their loved and required course within the institute and get enrolled in it without coming in contact to other human and reduce the spread of COVID-19.
* It keeps track of the students enrolled till date and faculty in the institute.

**Functions my project will have.**

1. Home page
   1. Intro
   2. About
   3. Achievements
   4. Hyperlink for courses
2. Courses page
3. Admission page
4. Check your courses
   1. List of all courses with price
   2. Link on a side for institute faculty for extra functionalaty
5. Faculty page are:
   1. Check all students (only name)
   2. Specific student details (full details)
   3. All student details (partial common details)
   4. List of faculties in the institute
   5. Add new faculty with a password (only know to owner)

🡪Use of Technologies

*🡪It is going to be a java web application.*

1. Unconditionally java
2. Jsp
3. CSS
4. JavaScript
5. MySQL
6. Hibernate
7. Spring
8. Angular

🡪Project type

Maven project with java

🡪Use of IDEs (as our project is maven)

1. Eclipse
2. IntelliJ idea