



# SUMMER INTERNSHIP 2018



**Name:** Divyakumar Solanki || **Student ID:** 201501108 || **Email Address:** divyasolanki98@gmail.com || **Contact Number:** +91 720 2839 225  
**Mentor Name:** Dr P M Jat || **Organisation:** DA-IICT(on Campus) || **Email Address:** pm\_jat@daict.ac.in

## Software Requirement Specification Documentation of the Course Registration System of Institute - eCampus

**Overview:** The major task of the team was to analyse the current eCampus system through the various actors of the system and figure out different use cases pertaining to each actor. The next task was to find out pain areas of the system through interaction with the actors and work on the suggestions on the improvement of the system. The next task was to define Use cases of the system and corresponding actors of the system. The next task was to design UI of the system web pages and document the use case scenarios of each and every identified use cases. Below are the areas where the team worked in the documentation.

Student Registration System(SRS) || Student Evaluation and Grading System(SEGS) || Hostel Management System(HMS) || PhD Thesis Monitoring System  
Publications Management System || Research and Consultancy Projects || Cumulative Professional Development Allowance(CPDA)

**Analysis** → **Interaction** → **Requirement Gathering** → **Identification** → **Presentation** → **UI Mockup Design** → **Documentation** → **Presentation**

**Major Task:** The major role of mine was to work on all the use cases related to Dean(AP) where in, firstly, I analysed the system through the dummy access to Dean(AP)'s eCampus account and identified the specific use cases related to Dean(AP). Interaction with Dean(AP), **Prof Suman Mitra**, helped me figure out pain areas of the system and improvements in various use cases which I had identified. In the case of publications related use cases, interaction with **Prof Sanjeev Gupta**, Dean(R & D) was a benefit. Constant mentorship by **Prof P M Jat**, **Prof Lavneet Singh** and **Prof Amit Mankodi** helped us document the use cases in a professional/industrial manner.

### Use Cases Pertaining to Dean(AP)

- Add Programme
- Add Term
- View Semester Batch Wise
- Show Term Courses
- Edit Programme
- Edit Term
- Add New Course to Course Master
- Generate Slot-Batch Master
- Add Academic Year
- Add Batch
- Edit Existing Course in Course Master
- Show Slot Allotment
- Edit Academic Year
- Add Semester to Each Batch
- Generate Term Courses
- Respond to Grade Modification Request
- Report Generation

### Use Cases Pertaining to Publications

- Add Publication
- View Publications

### Learning Experience

- How to interact professionally with the users of your software.
- Analysis of requirement gathering and preparation of draft version of the use cases.
- Development of professional level documentation of use cases for any Software.
- First industry level experience of Software Engineering.