



K. J. Somaiya College of Engineering, Vidhyavihar, Mumbai-77
(Autonomous College Affiliated to University of Mumbai)
Software Development Centre



Introduction:

K J Somaiya College of Engineering Software Development Centre (KJSCE SDC) has been initiated with an ambition to discover and explore multidimensional skill set of students. KJSCE SDC would conceive and mentor development of new projects, thus providing an opportunity to students to work in an organized team within the constraints of delivery timelines. Within a project team, a student member would have the advantage of working as an engineer, in different verticals and thus can have an exposure to the complete life cycle of software development project.

Objectives:

- To bridge the gap between industry and academia by providing opportunity to students to innovate and develop solutions for real-time problems.
- To provide platform to students to enable becoming responsive developers.
- To encourage faculty members and students to extend the innovations upto Patents and Intellectual Property Rights (IPR).

Method of Operation:

- Provide training and/or internship to students.
- Promote faculty members and students to work on multidisciplinary projects.
- Stimulate and expedite technical and entrepreneurial skills of the students.

Opportunities:

Students will get following opportunities:

- Development of real time software/ application based projects.
- Consultancy with outside world.
- Paid/In-house internship.
- Workshop /hands-on training.

Mentors:



Dr. Deepak H Sharma

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Specialization: System Security, Artificial Intelligence, Cloud Computing

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Initiatives taken so far:

- Development and Customization of Learning Management System:
URL: <https://lms-kjsce.somaiya.edu>
- Development of Android Application (On going)
- Development of Web Sites (On going)
- Development of IOT based applications (On going)

Areas:

Some areas in which SDC can provide Internship and Consultancy Services, but This list is not exhaustive.

- System Software Development
- Image Processing
- Machine Learning and Data Analytics
- Internet of Things
- Computer Networking
- Cloud Computing
- AI with Robotics

Support from KJSCE Industry Academic Interface (IAI):

- IAI along with KJSCE SDC can provide handholding for future expansions to the products developed by students and faculty members.

Enrollment process:

All KJSCE students who are interested to work on real time projects, can complete enrollment process as follows:

1. Registration using google form.
2. Scrutiny based on areas of interest.
3. Formation of teams along with mentors.
4. Allocation and execution of projects.