

## **Report on Smart Village Internship Project**

The 13 students, in 3 groups from B.Sc. Information Technology 3<sup>rd</sup> year 2018 (Batch: 2015-18) successfully worked on two months live internship programme at Balkash Village (Ta: Olpad, Dist: Surat). The internship was on Smart Village Concept under the guidance of Head of Department and faculty members as well as under the supervision of a team from “The Balkash Gram Panchayat” & “The Balkash Piyat Sakhari Mandali (Society)” from 9<sup>th</sup> February 2018 to 30<sup>th</sup> April 2018. As a part of this Smart Village internship, three live projects were undertaken to atomize the existing manual systems into computerized systems using latest technologies:

1. The Balkash Gram Panchayat Website
2. The Balkash Gram Panchayat Citizens’ Account maintenance system
3. An Irrigation software to maintain Farmers’ land records and water bills

To accomplish these live project, all the students from there groups visited the village frequently and gathered many information to frame into computerized system. The challenge for the students was to first understand the existing manual system. Second biggest challenge was the language, as the entire work is being done into “Gujarati” language. Not only that but two systems apart from the village website was asked to be developed into Gujarati language for easy of their day to day work and to synchronize with the government bodies. It was a successful start-up in the direction of digital India by School of Information Technology, Auro University.



**LIVE PROJECT INTERNSHIP AT THE TAJ GATEWAY AND COURTYARD MARRIOT During 1<sup>st</sup> Phase (July' 2016 till June' 2017) & 2<sup>nd</sup> Phase (Sept' 2017 till May' 2018)**

Happy 2 Help (H2H) have applications used by Hospitality Industry for ease of tasks. Student team were having internship Onsite at The Taj Gateway and Courtyard Marriot.

In 1<sup>st</sup> phase(July' 2016 till June' 2017), H2H project was categorized into two parts i.e. Travel Desk and AYS & IDC.

- Travel Desk “Grab Cab” is a web application and mobile application based on Android technology used for booking cabs and tracking them while they are on ride. It is used by the Travel Desk at Hotels for pick & drop and other travel services for guests.
- At Your Service & Inter-Departmental Communication “AYS & IDC” is a request handling web application based on PHP technology. In which, AYS is used for guest request handling by the department concerned. And IDC is used for Inter-Department Communication between departments as they require interrelated support from each other.

In 2<sup>nd</sup> phase (Sept' 2017 till May'2018), H2H aims at upgrading AYS & IDC. The advancements like mobile application, Multi-Property System, Priority Based Notifications and many more upgrades based upon Android & PHP, which will enhance the software and it will facilitate quick response and user friendliness.



## **Internship on Line project in Kavalus Inc., USA (Batch 2015-18)**

**Kavalus Inc. , USA** conducted Expert Talk on “**IDA Management on Cloud Computing**” and initiated Training Sessions by Mr. Amish Munshi, President & CTO during September’17 till October’ 2017 for two months in continuation for the Live project development from all the BSc.IT Batches, School of IT in AURO University. Mr. Munshi even collaborated his company with School of IT, AURO University through MOU on 4<sup>th</sup> September 2017 for long term relationship in providing such Live project on the topic of “KIAM” for Internship to students of School of IT, AURO University, Surat.

Second phase of training session by Mr. Laxmikant Putrohit, Consultant & Expert trainer, Kavalus Inc. from Mumbai for selected team of students which included final year BSc.IT batch from School of IT for latest Live Project development in Kavalus Inc.Mr. Purohit delivered the effective training session to bring clarity of the roadmap and objective of the application product to be developed during the timeline of internship.

The project successfully completed by the team with in the time frame as the team worked on “KIAM” as KIAM is a standards-based, policy-driven security solution that provides real time fine-grained authorization in Application and Database environments.

