Title of the Practice: **KLNCE-HTS Remote Project Mentorship**

Objectives of the Practice:

To collaborate on Engineering Activities and agree to initiate and determine cooperation projects for the benefits of students and faculty.To involve students in industry projects and equip them to meet out the expectations of industriesby filling the curriculum gap.

To establish a bridge between industry and student community that enriches industrial exposure among students.

Context:

First time in KLNCE, HTS launched remote Project mentorship program at our KLNCE – HTS Sentience lab from July 2018. For this program, Every year15 students were scrutinized by KLNCE and HTS experts from department of IT, CSE & ECE .

These students are given problem statements in the areas are latest cutting edge technologies like Natural Language Processing, Data Work Flow, Chat Bot using Machine Language & Image Processing.

All the problem statements are real time projects from HTS, these projects enable the student to get exposed into the industry related usecases. HTS and KLNCE mentors for their sincere and continous guidance to our students to find solution and solve the problems in effective way. HTS mentors to support and clarify the doubts through online as well as scheduled reviews in HTS and KLNCE venues.

As outcome of this program both student and faculty mentors exposed and gain the following benefits.

- Industry Exposure – Student & Staff
- Industrial Related Problems
- Frequent Interaction with HTS experts
- Internships to the students
- Opportunity to work on cutting edge technologies

From the institute point of view we observed that, there are lot of transformation happened in our student interms of technical and personal attitude, now these students are good / improvement in the following skills.

- Design thinking ability
- Approach to the problems.
- Problem Solving skills
- Continous and life long learning

- Exposed in cutting edge technology
- Confidence building

No of students/Faculty participated: 15 Students and 5 Faculty

Evidence of Success: (outcome)

HTS Technical experts evaluated all the ten teams and announced first and second position with a cash prize of Rs **65000 and Rs. 35000** respectively. Other participants received participation certificate.

Students from various Information and Communication discipline students are exposed and experienced in industry standard projects. Added, Three students from CSE and one student from ECE were offered job from HTS, Madurai.

Problem encountered:

Students from various departments felt difficult to undertake both internship project and final year project simultaneously during remote internship programme. Students were not able to complete the task on time.

Review Comments by the experts of HTS has not been documented. So, It became a tough task to follow up further activities of students. Every Review students were not able to satisfy the needs of industry experts since their requirement changed periodically and they have been insisted to rework to complete the module.

Resources required:
High Speed Internet Facility.
Systems with high configurations.

Sample Photos of Project Reviews