

Best Practices 2018-2019

Title of practices

- **VAC**

VAC is a value added course related to Computer Aided Drawing and designing using the latest 3D designing software 'Solid works' for diploma program students.

- **Industrial training**

One month Industrial Training was conducted for diploma final year and third year degree students. During this period a Local industrial visit were carried out for final year, second year and first year diploma students.

- **Smart India Hackathon 2018**

An Annual event conducted by AICTE and MHRD. Smart India Hackathon is a nationwide initiative to provide students a platform to solve some of pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving. The last edition of the Hackathon saw over 5 million+ students from various engineering colleges compete for the top prize at 35+ locations.

- **SOFTWARE DEVELOPED FOR DISEASES BURDEN STUDY OF TRIBALS in A & N ISLANDS**

The Andaman Islands are an Indian archipelago in the Bay of Bengal. These roughly 300 islands are known for their palm-lined, white-sand beaches, mangroves and tropical rainforests. Coral reefs supporting marine life such as sharks and rays make for popular diving and snorkeling sites. Indigenous Andaman Islanders inhabit the more remote islands, many of which are off limits to visitors. The original population of the Andaman and Nicobar islands consist of aboriginal indigenous people, i.e. tribal people. They have been dwelling in the forests and jungles of the islands for centuries, lead a hunter-gatherer lifestyle and appear to have lived in substantial isolation for thousands of years. The so called "civilians" or city/town dwellers only came later, earliest a few

hundred years ago. DHS conduct research on communicable and non-communicable diseases prevalent in Andaman and Nicobar Islands with special emphasis on the health problem of the indigenous tribes.

2. Objective of the Practice

- Vac is useful for imparting practical skill to diploma mechanical students. It's objective is to motivate the mechanical students to practice mechanical work as well as to eliminate fear of failure.
- Industrial training is imparted to diploma students for motivating them to practice mechanical work as well as to eliminate fear of failure.
- A Catering Services were performed by students during Independence Day Function held at Raj Niwas on 15.08.2018. This kind of training helps the students to gain confidence in life and leads them to stand on their feet . A similar Catering Services were given to all dignitaries during the visit of Hon'ble Vice President of India, Shri Venkaiah Naidu during his visit to A&N Islands on 05.08.2018. Such kind of opportunities given in college level helps the students to gain confidence and courage to compete in all levels and stand upright in any situation and become self sufficient.

3. The Context


4. The Practice


- Participation of 05 Nos. of faculties in national level workshop on 'Intellectual property right' (IPR). Participation of 13 Nos. of faculties and staff members in 3 day workshop on 'Raspberry Pi'. The main motto behind participation of this kind of national level workshop is to know how to preserve their own creativity in the field of Engineering.
- All interested students of Trade Diploma in Front Office Operations / Food Production were given the assistance for their Job Training / Industrial Training in mainland / island hotels.
- The objective of "Disease burden study of tribal's in A&N Islands" software is to facilitates the DEPUTY DIRECTOR (TH), DHS with a web-based application that provides Insertions, Updation and Generation

of MIS Reports about the various health profiles like height, weight, BMI, vaccines taken and diseases for which the tribals undergone treatment etc.,

5. Evidence of Success

- The six member team from DBRAIT has won the Smart India Hackathon 2018 held at Nodal Centre Sri Krishna College of Engineering, Coimbatore. The team named as "Rescue Tech" comprising of Pawan S Nair, Amit Roy, K Vinay Raj, C Raj Kumar, Dinesh Lal and Arvind was accompanied by Shri R Hemanth Rao, Technical staff of Computer Science Department. Altogether 43 teams representing reputed institutes have participated in the Hackathon.
- Organized a mega Food Festival "Island Food Fiesta – 2018" from 30.03.2018 to 01.04.2018 at ITF Grounds, Port Blair. All interested final year students (16 out of 27) of DHMCT programme were given placements in leading hotels of mainland and islands. All interested students of Trade Diploma in Front Office Operations / Food Production were given the assistance for their Job Training / Industrial Training in mainland / island hotels. Conducted 15 days Food Haat for Food Production Students during April 2018 with an aim to develop practical & entrepreneurship skills amongst them. One student from DHMCT 3rd year, One from DHMCT 2nd year and One from Trade Diploma in Food Production were selected for Skills India Competition organized by Ministry of Skills, Government of India first at Port Blair for State level competition, then at Bengaluru for Regional Level Competition followed by a National Level Competition at New Delhi.
- The existing process of "Diseases Burden Study of Tribals in A&N Islands" is done manually, i.e., the diseases information is maintained in the record. If a Researcher wants to search for the specific data, then he/she has to search the records from the beginning to end manually. The proposed system would reduce the paper work by providing ease of access to the information through the web pages. The project has been developed by the students of Computer Engineering department, DBRAIT.


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