



NANDHA ENGINEERING COLLEGE, ERODE-52
(AUTONOMOUS)

7.2: Best Practices – (1)

Title of the Practice

In - House Companies

1. Goal

In - house companies draw the attention of the students as it provides industrial platform during their academic tenure. A target is essential for each student who aspires to get placed. Setting realistic goals for individual students give them a sense of direction and purpose, and help them improve productivity levels. In-house team suits the companies ready to invest in the recruitment processes, in the development of the team and ready to organize amicable work environment for students. Nandha Engineering College aims to bridge the gap between industry and academia. Students are able to gain industrial experience, its culture, norms and the tools of the real time projects.

2. The Context

Nandha Engineering College is focusing on developing the employability skills of the students. The In – House companies act as a reference guide for each skill set and then provide training that is adapted to ensure its trainees development, according to the companies' expectations. i GEN and Thulliyam are the two In - house companies functioning inside the campus. The In – House companies are functioning with the mission of reinforcing company's culture and identity. It can even help to cope up with changes implemented by a company's leadership. The management of the institute is generous in providing ample opportunities for the upliftment of the students.

3. The Practice

All placement willing students are allowed to attend In - house company interview from II year onwards. The In – house companies shortlist the students through the selection process that includes online assessments, programming assessment, group discussion and personal interview. The selected students are given a four month T24 Technical Consultant Training on Arrangement Architecture (AA Core), Versions, Vr Routines, Multi threaded, Design studio, Routines, Templates, Core JED, Directories, Infobasic, COB, TAFC vs TAFJ Basics, BRD/ FSD/ TSD process, Enquires, COS, Tabbed, OFS, HMM/ DLD/ BCON, and a 2 week of “Functional Induction” on Banking Basics, Accounting Basics, T24 and other products, T24 navigation and functional overview. In Thulliam, training on Java OOPS Concepts, Streams and File Handling in Java, Web Services, Introduction Spring Framework, Introduction to Spring Boot, RESTful Web Services with Spring and Spring Boot, RESTful APIs, and Introduction to MySql is provided to the students. During the training process, the modules are assigned to students either individually or as group. The progress of the modules assigned to the students is monitored by the trainers of the company.

As a part of In House Company Training, programs such as, Industrial Seminar on MYSQL database, Faculty Interaction Industry Exchange Program, Training Activities, Internship and Seminar on Mobile Websites are conducted.

Facilities Provided

The Institution provides a well furnished spacious room of 660 sq.ft with 14 HP computers that are connected by 24 Port Cisco Switches to Thulliam Infotech Pvt Ltd. Further, the company is provided with the system specification of HP Pavilion p2-PC/Core i3, Intel H61 Chipset Motherboard, 4 GB DDR 3 RAM, 500 GB SATA HDD, Memory Card Reader, Atheros AR152 Ethernet Controller and HP LV 1911 18.5 inch LED Monitor.

For iGEN, The Institution also provides a 1,232-square-foot room with 24 HP computers with the same specification as Thulliam Infotech Pvt Ltd. A dedicated Intel server processor (HP DL 360e G8 E5 2403V2) with 8 GB RAM is provided to host high - traffic websites, web applications and for other hosting scenarios.

Each In – House company is provided with two air conditioners to control the temperature and humidity of the server room so that the equipment functions in an efficient manner.



4. Evidence of success

Through i GEN, around 20 students are getting placed every year. The details are as follows:

S.No	Year	No of students got placed
1.	2018	21
2.	2019	14
3.	2020	14
4.	2021	33
5.	2022	23

In 2018, 21 students got placed in Techmill and Aspire Systems, 14 students got recruited in Techmill, Maveric and Stoics in 2019, in 2020, 14 students got offer from Buzzworks / Temenos and Stoics, in June 2021, 17 students got recruited in Maveric, Buzzworks / Temenos, 16 students got placed in ITSS in Sep 2021 and currently 23 students are undergoing training for GCI Consulting, Australia.

In 2018 – 2019, 14 students got placed in Thulliam and in 2019 – 2020, 5 students underwent Internship training.

5. Problems Encountered and Resources Required

Allocating training slots for students /faculty training during the academic process are challenging.

Establishing relationship and signing of MoU with reputed industries is a challenge for the rural based Institution. Follow up activities to retain the partnership becomes a demanding one.

Establishing In – house Companies with high – tech infrastructure is expensive.