



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY BHOPAL
DEPARTMENT OF TRAINING AND PLACEMENT

Ref. No.- IIIT BPL/Internship-24/T&P/2023/256

DATED: 24-03-2023

CIRCULAR

Attention: All pre-final (Batch 2021-24) year UG students.

Subject: Essential Technologies required for Internships/Placements.

Dear Students,

With reference to the current scenario in market, I, TPO IIIT Bhopal, would like to bring into your attention the essential technologies that are required to get good internships/placements opportunities. The following technologies are mandatory and necessary for all interviews, regardless of your branch:

- 1. Data Structures and Algorithms**
- 2. Database Management**
- 3. System Design**

Additionally, for CS/IT students, we recommend focusing on 2-3 of the following technologies:

- 1. Data Science (Machine Learning, Deep Learning, SQL, Data Analytics)**
- 2. Web Development (Frontend (ReactJs, AngularJs) and Backend (Django, Flask, FastAPI, NodeJs, Express Js), Databases (MongoDb, NoSQL))**
- 3. App Development (Flutter, Kotlin)**
- 4. Blockchain**
- 5. DevOps (Cloud Computing, GoLang, Docker, K8s)**

For ECE students who are interested in core companies, we suggest focusing on:

- 1. VLSI Design**
- 2. Embedded Systems**
- 3. Signal Processing**

Lastly, students who are interested in non-technical paths, we recommend focusing on:


1. UI/UX

2. Graphic Design

3. Product Management

We encourage you to work on developing your skills in these areas and to participate in training sessions and workshops offered by the institute. Your dedication and hard work will definitely pay off in securing good internships/placements.

Wishing you all the best in your future endeavours.


24-03-2023
Prof. Ajay Shrivastava

Training and Placement Officer,
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