

17.12.2024

**A REPORT ON INDUSTRIAL VISIT TO IOT OPEN LAB- STPI, ELECTRONIC CITY PH-1-
17.12.2024**

The **Corporate Academia Relationships Cell** in association with **Dept. Of Artificial Intelligence and Machine Learning** organized an industrial visit for 3rd year students, Dept. of AIML to IOT OPEN LAB- STPI, ELECTRONIC CITY PH-1, Bengaluru on 17.12.2024. The visit aimed to give the exposure to the project building facilities, mentoring in building Prototypes and to build a full fledged market fit products utilizing the facility of IOT Open lab at STPI. The visit was organized in observance of SDG-4(Quality Education), SDG-9(Industry, Innovation & Infrastructure) SDG-11(Sustainable Cities & Communities) & SDG17(Partnership for Goals)

“STPI IoT OpenLab” is located in Electronics City Phase-1, Bengaluru, has been setup with an aim to support the sector agnostic IoT start-ups to develop disruptive **IoT based applications, products & solutions in various business verticals**. The STPI IoT OpenLab provides four models (Complete Package Model (CP), Associate Membership (AM) Model, Internship Model and Technology led Industries Model) to support IoT startups, Students and industry.

The 29 students accompanied by 2 faculty members reached the venue at 11AM as prefixed. The student team was well received by the authorities Ms. Rajalakshmi and Ms. Swetha C Kolvekar, STPI, Ministry of E & IT, Govt. Of India and other Colleagues. A Brief presentation on STPI, Its initiatives, facilities it provides were briefed.

The Presentation highlighted the key points listed below which could be accessed upon registration. Ms. Rajalakshmi highlighted about the different STPIs set up exclusively for different domains like, AIML, EV, IOT and DATA SCIENCE at various states of India.

STPI is also pleased to extend the below mentioned facilities upon successful registration.

- STPI IoT OpenLab Test & Measuring Equipment and Tool
- Ready-to-Work Plug & Play space as per requirement
- Access to T&M Equipment, Tools and Sample Bank of Electronics
- Mentor Network
- Invitations to all Technical Seminars / Workshops
- Market access through the Industry associations like IESA, TiE.
- Access to Investors.
- Access to Credits from the ECO system partners like AWS, Mathworks, etc
- Sponsorship to National level events to showcase your products
- Access to Nationwide STPI COEs Network
- Access to Software Product Security Testing Lab (SPST) Lab.

Post to presentation, the students and faculty were lead to IOT Open Lab where the students were demonstrated on various equipment's, Demonstrated the projects undertaken on smart water, smart Energy and so on. The smart energy meter which is the government initiative has an opportunity to work on for the IOT enthusiasts.

The demonstration ended with PLC model, sensors and success stories of start ups incubated in the centre. Bharath PI for IOT modules, TESCO for IOT kits etc...were discussed for further

associations. Explored the opportunities for students to do internships and projects , Courses for upskilling, QIPS for trainers as per the directive of Govt. Were discussed.

Prof. Malini K V , Head- C A R & EDC, **Prof. Vanarasan**, Dept. of AIML along with students thanked the **officials of STPI, Ms. Rajalakshmi and Ms. Swetha C Kolvekar** for providing this excellent opportunity to learn and update on IOT lab facilities, their interest and time to be with students team and assured to bring all branches of students to know about STPI in coming days.

We sincerely thank **Dr. B Shadaksharappa** Principal, SSCE, **Dr. R. Arunkumar**, COO, Sairam Institutions for their support and encouragement to organize this visit which gave insight on various opportunities for the budding engineers and staff in various fields.

Thanking You,

Sincerely,

1. Prof. Malini K V *mal - K.V. 18/12/24*
2. Dr. C. Sivaprakash

C. Sivaprakash
18/12/24

18/12/2024

PRINCIPAL

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