BHARAT INTERN

Completion Certificate

Proudly Presented to

AAYAN KRISHNA GOGOI

successfully completed the Virtual Internship Program at BHARAT INTERN in Data Science as an active participant from December 10, 2023 to January 10, 2024.

सत्यमेव जयते

MSME

MICRO, SMALL & MEDIUM ENTERPRISES

सूक्ष्म, लघु एवं मध्यम उद्यम

Verified by,

BHARAT INTERN

राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान
NIELIT National Institute of Electronics and Information Technology [NIELIT], Shillong

An Autonomous Scientific Society under Ministry of Electronics and Information Technology [MeitY]
Government of India

Date: 27-11-2024

<u>TO WHOM IT MAY CONCERN</u>

This is to certify that **Mr. Aayan Krishna Gogoi**, student of St. Edmund's College Shillong, 4th Semester Dept. of BCA has completed his 1-month internship on "Smart Home Automation, IOT" in our Centre at NIELIT Shillong from 3rd June to 15th July 2024 2024.

We hope his time spent at NIELIT Shillong was fruitful and we wish him all the success for the future.

(Santanu Borgohain)
Officer-in-Charge

Report on NIELIT Conducting an IoT Course for BCA Students at St Edmunds College

Title: Internet of Things(IoT) Course

Date of Start: 4ᵗʰ March 2024

Date of Complete: 13ᵗʰ June 2024

No of Days: 102 days

Duration: 4 Months

Collaborators : NIELIT, St Edmund's College(BCA Department)

Objective: The IoT course is meticulously designed to provide students with a comprehensive understanding of IoT concepts, hands-on project experience, and insights into real-world applications and implications of IoT technology.

The National Institute of Electronics and Information Technology (NIELIT) successfully conducted an Internet of Things (IoT) course for students from St Edmunds College. This initiative aimed to enhance the practical knowledge and technical skills of students, preparing them for future job placements in the field of IoT.

The IoT course commenced in the first week of March and concluded with their final examination on 13 June 2024. It was meticulously designed to provide students with a comprehensive understanding of IoT concepts, hands-on project experience, and insights into real-world applications and implications of IoT technology.

NIELIT enrolled a total of 30 students from the BCA department, forming a single batch. This ensured focused attention and maximum engagement for all participants.

Documentation Requirements

At the onset of the program, participants were required to submit the following documents:

1. Name

2. Contact Information

3. Copy of Aadhaar Card

4. Passport-size Photograph

5. Highest Qualification Certificate

It was mandatory for students to submit their Aadhaar Cards for participation in the examination and receipt of the certificate. Students who did not possess an Aadhaar Card were allowed to join the course but were not eligible for the examination and certificate.

To streamline the enrolment process, NIELIT created a Google Forms submission platform. Students were requested to fill out and submit the Google Forms in advance, and the submission of required documents was facilitated upon joining the course.

Course Content and Impact

Throughout the course, students delved into various IoT concepts, explored hands-on projects, and gained valuable insights into the applications and implications of IoT technology in real-world scenarios. The course not only enhanced the students' academic knowledge but also prepared them for job placements by imparting valuable skills that are highly sought after in the industry.

Achievements and Recognition

Students who completed the course and aced the final examination were presented certificates on 04 July 2024by notable figures including Shr. S. Burogohain, Scientist E and Director of NIELIT and Dr. Mrs. B.W. Nongbri, Dean of St Edmund's College. Among the participants, Aayan K Gogoi secured the highest marks, distinguishing himself with exceptional performance and dedication.

The collaboration between NIELIT and St Edmunds College proved to be highly beneficial for the students. The IoT course successfully empowered students through quality education and skill development, equipping them with the necessary tools to excel in their future careers. The support and endorsement from St Edmunds College played a crucial role in ensuring the success and impact of this initiative.