



INDUSTRIAL VISIT

to

Software Technology Park of India

Date: 25 November 2024

Department: Information Technology/ REIMAGINE Club

Submitted by:

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Date of Submission:

28-11-2024

1. INTRODUCTION

1.1 PURPOSE

An industrial visit to the Software Technology Parks of India (STPI) in Lucknow was scheduled for several key educational and professional reasons. Here are some likely motivations behind scheduling such a visit:

> **Understanding Infrastructure and Facilities:** STPI provides a range of infrastructure support, including high-speed data communication facilities, incubation centers, and business development services. A visit would allow participants to see these facilities in action and understand the role such infrastructure plays in the development of the software industry.

> **Knowledge of Government Initiatives:** The government of India has launched several initiatives through STPI to promote exports of software and provide infrastructure to IT companies. The visit would provide insights into these schemes and the role STPI plays in supporting software exports, entrepreneurship, and innovation in the country.

> **Encouraging Innovation and Startups:** STPI often fosters innovation and startup ecosystems by providing support to small and medium-sized enterprises (SMEs) and startups. The visit could help attendees understand how innovation is encouraged in the software sector and how entrepreneurs can benefit from government-backed initiatives.

1.2 TARGET AUDIENCE

Students of 2nd Year were mainly the target audience for whom this industrial visit was planned. They can gain firsthand knowledge about the software industry, learn about real-time applications of their coursework, and understand emerging technologies.

1.3 OVERVIEW

First students visited the PNP Hall (Plug and Play) where they were told about it, that the PNP Hall is utilized for various events, including seminars, workshops, and conferences. For instance, a roadshow for the India BPO Promotion Scheme was conducted at the PNP Hall on May 13, 2016.

Then, they visited Network Operating Centre (NOC) which is a critical infrastructure that enables the monitoring and management of IT infrastructure and services.

At last, they were shown a presentation about STPI in the conference room. It was a fruitful experience for them as they came to know about various government initiatives, technologies etc.

2. OBJECTIVES

The main objectives of visiting STPI Lucknow are centered around the following key goals:

1. Skill Development:

>**Exposure to Advanced Technology and Tools:** Students in the IT field, can gain exposure to cutting-edge technologies such as cloud computing, software development, cybersecurity, artificial intelligence (AI), and other emerging trends.

>**Understanding Industry Best Practices:** The visit aims to equip students with practical knowledge of industry practices, processes, and tools used by software companies. This helps in bridging the gap between theoretical learning and real-world application.

>**Hands-on Learning in Startups & Incubation Centers:** By visiting the incubation centers, students can learn about the resources available for startup ventures and gain insights into the entrepreneurial skills required to build and scale a business in the tech sector.

2. Awareness and Knowledge Building:

>**Understanding Government Initiatives:** The visit aims to raise awareness about the role of STPI in promoting the IT and software industries through government-backed policies and incentives, such as tax exemptions and export facilitation programs.

>**Learning About the IT Ecosystem:** Students will gain a deeper understanding of how the IT and software ecosystem works in India, particularly the infrastructure, resources, and support systems available to IT companies and entrepreneurs.

>**Exposure to Regional IT Development:** The visit highlights how regional hubs like Lucknow contribute to the national IT landscape, and how businesses in smaller cities can leverage government support and infrastructure to thrive in the global market.

3. Networking Opportunities:

>**Interaction with Industry Experts:** A core objective is to facilitate networking opportunities with industry leaders, managers, and entrepreneurs. This helps in building professional relationships, learn from the experiences of successful professionals, and explore potential collaborations.

>**Connecting with Startups and Entrepreneurs:** Entrepreneurs and aspiring tech professionals, students can network with startups and companies in the park, gaining insights into entrepreneurial journeys, challenges, and opportunities for growth.

>**Career Networking:** The visit provides an opportunity for students and job seekers to network with companies at STPI, opening doors for internships, job placements, and collaborations.

4. Professional Development and Career Guidance:

>**Job and Internship Opportunities:** The visit enables students to explore career opportunities within companies at STPI, giving them a better understanding of roles in the tech industry and potential job placements.

3. Details of the program

a) Program Schedule

- **Dates and Duration:**

- Date: 25th November 2024 (Monday)
- Duration: One day (10:00 AM - 2:00 PM)

- **Venue:**

- STPI Lucknow, Plot No. TC-13/V, Vibhuti Khand
- Gomti Nagar, Lucknow - 226010

- **Agenda:**

Session 1: Tour of STPI Facilities

- Guided tour of STPI's incubation centre, data centre, and other facilities
- Interaction with STPI officials and entrepreneurs
- Opportunity to ask questions and clarify doubts

Session 2: Overview of STPI

- Presentation on STPI's mission, vision, and objectives
- Introduction to STPI's infrastructure and facilities
- Discussion on STPI's role in promoting IT and ITES industry in India

Session 3: Valedictory Session

- Vote of thanks
- Closing remarks by STPI officials
- Group photographs

b) Participants

- Number of participants: 43 participants
- Selection Process: Selection process is through Google form.

4. Key Highlights

- **Major Activities:**

1. Presentation on STPI's Mission and Vision: An overview of STPI's objectives, infrastructure, and facilities.
2. Tour of Incubation Centre and Data Centre: Guided tour of STPI's state-of-the-art incubation centre and data centre.
3. Q&A Session with STPI Officials: Opportunity to ask questions and clarify doubts with STPI officials.

- **Potential Speakers:**

1. Mr. Satyam elaborated on the foundation, objectives, and services of STPI, including providing office spaces, funding support (up to ₹25 lakhs), and the PNP (Plug-and-Play) model.
2. Ms. Disha Srivastava, students explored the core of STPI's infrastructure.

3. Mr. Jairam Yadav delivered an engaging presentation covering STPI's objectives, operational model, and opportunities for startups.

- **Innovative Practices:**

They used PowerPoint presentation to elaborate the session.

5. Outcomes

Achievements:

- Exposure to Industry Best Practices: Students gained hands-on experience and insight into the workings of a premier IT organization.
- Enhanced Knowledge and Skills: Students acquired knowledge on emerging technologies, innovation, and entrepreneurship, enhancing their skills and employability.
- Inspiration and Motivation: The visit inspired and motivated students to pursue careers in the IT industry and consider entrepreneurship as a viable option.

Feedback:

- Valuable insights into the IT industry and startup ecosystem
- Informative and inspiring interactive sessions
- Great learning experience
- Opportunity to network with industry experts
- Inspired to pursue a career in the IT industry

Impact:

- Increased Interest in IT Industry: The visit sparked interest in the IT industry among students, with many considering careers in the sector.
- Improved Employability: The visit enhanced students' knowledge, skills, and networking, making them more employable in the IT industry.
- Encouragement of Entrepreneurship: The visit inspired students to consider entrepreneurship as a viable option, with some students already working on startup ideas.
- Future Collaborations: The visit paved the way for future collaborations between the college and STPI, including internship opportunities, project collaborations, and joint research initiatives.

6. Challenges and Solutions

Challenges Faced

- Logistical Challenges: Arranging transportation, accommodation for a large group of students.
- Coordination with STPI: Coordinating with STPI officials to ensure a smooth and informative visit.
- Student Discipline and Safety: Ensuring student discipline and safety during the visit.

Resolution Strategies

- Logistical Challenges
 - Advance Planning: Plan the visit well in advance to ensure smooth logistics.
 - Collaboration with STPI: Collaborate with STPI officials to arrange logistics and ensure a smooth visit.
- Coordination with STPI
 - Regular Communication: Maintain regular communication with STPI officials to ensure a smooth visit.
 - Clear Objectives: Clearly communicate the objectives and expectations of the visit to STPI officials.
- Student Discipline and Safety
 - Clear Instructions: Provide clear instructions and guidelines to students on discipline and safety during the visit.
 - Student Supervision: Ensure adequate student supervision during the visit.
 - Emergency Protocols: Establish emergency protocols and procedures in case of any unexpected events.

7. Conclusion

Program Success

- The industrial visit to STPI Lucknow was a resounding success, achieving its objectives and exceeding expectations. The program received overwhelmingly positive feedback from students, faculty members, and STPI officials.

Alignment with Objectives

- The program successfully aligned with its objectives, which were:
 - Exposure to Industry Best Practices
 - Networking Opportunities
 - Knowledge Enhancement
 - Inspiration and Motivation

Recommendations for Future Programs

- **More Interactive Sessions:** Incorporate more interactive sessions, such as workshops, hackathons, and group discussions, to enhance student engagement and participation.
- **Industry Expert Talks:** Invite more industry experts to share their experiences, insights, and expertise with students.
- **Hands-on Experience:** Provide more hands-on experience and practical exposure to emerging technologies, such as AI, Blockchain, and IoT.
- **Startup Interactions:** Arrange more interactions with startups and entrepreneurs to provide students with insights into the startup ecosystem.

8. Appendices

Photographs



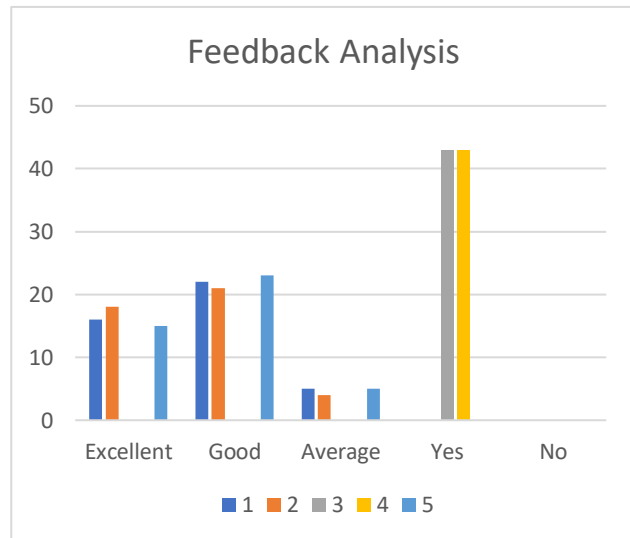
Feedback Forms/Analysis

BABU BANARASI DAS
INSTITUTE OF TECHNOLOGY AND MANAGEMENT
(Formerly known as Babu Banarasi Das National Institute of Technology and Management)
(Recognized by AICTE, Govt. of India, affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow)
AUTU COLLEGE CODE- 854

Department Of Information Technology
Event feedback
Industrial Visit (STPI, Lucknow) Date-25-11-2024

Name of the Student _____
Year _____

- How was your experience at the Industrial visit?
A. Excellent
B. Good
C. Average
D. Poor
- Did the Industrial visit meet your expectations?
A. Excellent
B. Good
C. Average
D. Poor
- Was visit technically helpful to you?
A. Yes
B. No
- Would you like to be a part of such Industrial visits in future?
A. Yes
B. No
- Give overall rating to the Industrial visit
A. Excellent
B. Good
C. Average
D. Poor
- Any additional comments regarding the Industrial visit?



Program Brochure/Invitation

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REIMAGINE IT CLUB (A Student Club of Department of Information Technology)
is organising

INDUSTRIAL VISIT
On 25th November 2024
to
STPI (Software Technology Park India Limited), Lucknow

Forwarded message
From: Beed IT <beed@bbsdm.ac.in>
Date: Tue, Nov 19, 2024 at 11:01 AM
Subject: Request for an Industrial Visit
To: <beed@bbsdm.ac.in>

Dear Sir,

We would like to request you to kindly spare some time and provide some valuable inputs to our students regarding the latest trends and technologies currently prevalent in Software Industries.

This visit will be very encouraging and eye-opener for our students, so we would like you to share some valuable knowledge to our students and enlighten us at your place.

Kindly Schedule the Industrial visit dated: 25 Nov 2024, if possible.
A line of confirmation with the scheduled date is highly appreciated.
Thanking you in advance.

Dr. Santosh Kumar



Dr. Santosh Kumar
Shukla
Professor & Head (IT)

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Acknowledgements

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