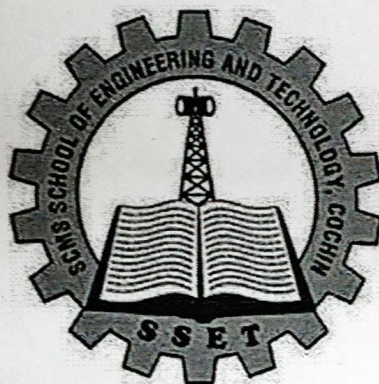


SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY

Vidya Nagar, Pallissery, Karukutty
Cochin-683576, Kerala

INDUSTRIAL VISIT REPORT



BATCH 2022-2026

Computer Science & Engineering (Data Science)

Date: 16th February 2024

No. of Students: 57 (S4 Data Science)

Staff Accompanied: Ms. Reshma K V, Mr. Deepu R

Title: Recent Trends in Data Science Field

Industry Name: NAS Info Solutions, Koratty

1. Introduction

As part of our academic curriculum, an industrial visit was conducted to NAS InfoSolutions, a renowned IT company specializing in data science solutions and technologies. The purpose of the visit was to gain practical knowledge about emerging trends in data science and how they are shaping industries globally.

2. Objective

- To understand the latest trends and advancements in the field of data science.
- To explore practical applications of data science in real-world scenarios.
- To interact with industry professionals and gain insights into career opportunities in data science.

3. Company Overview

NAS Info Solutions is a prominent IT firm specializing in ERP software development and implementation. The company offers services in data analysis, machine learning, AI-driven applications, and business intelligence. The company serves various industries, including manufacturing, retail, healthcare, and logistics. Their flagship product, "NAS ERP Suite", is known for its customizable features and user-friendly interface.

4. Overview of Data Science Trends

During the session, employees of NAS InfoSolutions elaborated on recent trends in the data science field, including: Artificial Intelligence and Machine Learning: Advanced algorithms for predictive analytics and automation. Big Data Analytics: Handling and deriving insights from massive datasets using tools like Hadoop and Spark. Cloud Computing Integration: Scalability and efficiency through cloud-based platforms. Natural Language Processing (NLP): Applications in chatbots, sentiment analysis, and language translation. Data Privacy and Security: Techniques to ensure secure handling of sensitive data.

5. Key Takeaways from the Visit

Demonstrations:

- Predictive analytics models for business decision-making.
- Visualizations using tools like Tableau and Power BI.
- Real-time applications of machine learning in healthcare and e-commerce.

Challenges Discussed:

1. Data Quality Issues: Ensuring clean and reliable datasets.
2. Skill Gaps: The need for skilled professionals with expertise in data science tools.


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3. Ethical Concerns: Addressing biases in AI systems.

Solutions Highlighted:

- Continuous upskilling programs for employees.
- Collaborations with academic institutions for research and internships.
- Use of automated tools to preprocess and clean data.

7. Observations and Learning Outcomes

- Data science is a dynamic field driving innovation across various sectors.
- Practical knowledge of tools like Python, R, and cloud platforms is essential for aspiring data scientists.
- Collaboration and ethical practices are crucial in the development and application of AI and ML models

8. Feedback and Recommendations

The visit was highly informative, providing students with a glimpse into the practical aspects of data science. It is recommended to organize similar visits focusing on advanced topics like generative AI, blockchain integration in data science, and quantum computing.

9. Conclusion

The industrial visit to NAS Info Solutions was a valuable learning experience, offering insights into the latest trends and applications in data science. The interaction with industry experts enriched the students' understanding and encouraged them to pursue careers in this exciting and evolving field.


CERTIFICATE OF INTERNSHIP

This is to certify that

CSE (Data Science)

Student of SCMS School of Engineering & Technology (Karukutty)

Attended Industrial Visit at Nasinfosolution Karatty Infopark
on 16/02/24.


Head-HR


18/2/24



GPS Map Camera

NAS Infosolutions, Kerala, India

First Floor, Mandaram, Koratty Infopark, Koratty, Kerala

Lat 10.268913°

Long 76.353279°

16/2/2024 05:47 AM GMT+05:00

Head of Department
Dept. of Computer Science & Engg. (DS & AI)
SCMS School of Engineering
and Technology
Karukutty, Ernakulam- 683 576

Sonal
18/2/24
Dr. Sonal Ayyappan



Annexure 8

UNDERTAKING LETTER - STUDENTS

We the students ofCSE DATA SCIENCE..... Programme at SCMS School of Engineering & Technology, Karukutty - 683576 do hereby undertake that we are going on Industrial Visit/ Field Trip/Study Tour/Out Bound Training to...NAS INFOSOLUTIONS... departure date16 FEBRUARY 2024...time ...5:00 PM... from SSET and arrival on date ...18 FEBRUARY 2024... time ...7:30 PM.. at SSET, Karukutty. Faculty and staff of SSET will not be held responsible for any mishap/eventualities during the trip.

SLNo	Name	Signature
1.	ABHINAV N B	
2.	ADHITHYAN K R	
3.	AHEMED SAKEER HUSSAIN	
4.	AKSA SANTHA RONIO	
5.	AKSHARA PONNUM	
6.	AKSHAY KUMAR M S	
7.	AKSHAY SURESH	
8.		

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9.	ALLEN XAVIOUR PAREKKADAN	
10.	ALNA SONY	
11.	AMEEN MUHAMMED	
12.	ANAKHA BABU	
13.	ANKITA K	
13.	ANOKH JISMON	
14.	ANU ALBERT	
15.	ANURAG KAKKUNNATHU PARIYAPURATHU	
16.	ANWIN ANTONY	
17.	HARISANKARAN MS	
18.	ASHMITH SUMESH	
19.	ATHIFA	
20.	AWIN SHAJU PADAYATTY	
21.	BASIL LAJU	
22.	BHARATH KRISHNAN D	

18/2/24



23	CUONA MARIA ALIAS	
24	DAZZLE RAJ	
25	DEVIKA A D	
26	DEVIKA K J	
27	DHIYA BABY E	
28	FAHIM M FAIZAL	
29	FATHIL P M	
30	FAZIL FIROSE IBRAHIM	
31	FIDHA SUHARA	
32	GANGA K SREEKUMAR	
33	GEORGE JOSE	
34	JISHNU SURESH	
35	JOS PRINCE	
36	KARTHIK S	
37	KISHAN R NAIR	
38	KRISHNENDU C	
39	MATHEW GEORGE	
40	M MITHIRA	

18/2/24



SCMS School of Engineering & Technology

INDUSTRIAL VISIT/ FIELD TRIP/STUDY TOUR/OUT BOUND TRAINING APPROVAL FORM

43	NAYANA RAJESH	9070133237			
44	NEHA AZIYA ANSAR	8592836076	Female	A+	NIL
45	NIBRAAS NAVAS	9656535727	Female	A+	NIL
46	NITHIN MARTIAN	7736581505	Male	A+	NIL
47	NITHISH KURUNGATTIL	9495397157	Male	A+	NIL
48	NIVED KRISHNA	9446646614	Male	O+	NIL
49	PARVATHI PRAKASH MENON	8089011979	Male	O+	NIL
50	PARVATHY PRAVEEN KUMAR	9567998204	Female	O+	NIL
51	PAUL JOJAN	8281213868	Female	A+	NIL
52	PAVITHRA K NAIR	6238813381	Male	B-	NIL
53	PRIYA. V. B	7902318463	Female	O+	NIL
54	SAHIL MUHAMMED ALI	8921199214	Male	A+	NIL
55	SALMA SHABANA	8089440128	Female	A+	NIL
56	SHRAVAN R	8590979768	Female	B+	NIL
57	SIYA KALAM	8714842206	Male	O+	NIL
58	SRUTHY BABU	9562564699	Female	O-	NIL
59	SUBANA SULAIMAN	8590847123	Female	B+	NIL
60	ARNOLD GODSON	9895480374	Male	B+	NIL

57 students out of 62 in class

Paul
15/2/24

Smith
15/2/24