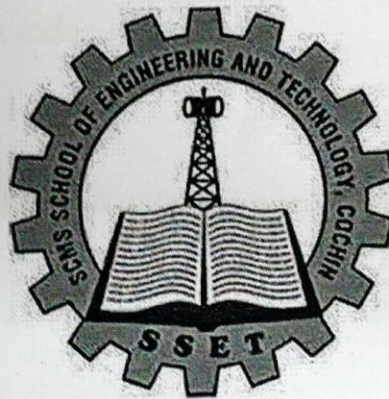# SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY

Vidya Nagar, Pallissery, Karukutty
Cochin-683576, Kerala

INDUSTRIAL VISIT REPORT

BATCH 2022-2026

Computer Science & Engineering (Artificial Intelligence)

Date: 16th February 2024

No. of Students: 30 (S4 Artificial Intelligence)
Staff Accompanied: Ms. Susmi Jacob, Mr. Rajeev

Title: Recent Trends in Artificial Intelligence 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 artificial intelligence solutions and technologies. The purpose of the visit was to gain practical knowledge about emerging trends in artificial intelligence and how they are shaping industries globally.

2. Objective

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

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 Artificial intelligence Trends

During the session, employees of NAS InfoSolutions elaborated on recent trends in the artificial intelligence 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 artificial intelligence tools.
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

- Artificial intelligence 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 artificial intelligence. It is recommended to organize similar visits focusing on advanced topics like generative AI, blockchain integration in artificial intelligence, 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 artificial intelligence. The interaction with industry experts enriched the students' understanding and encouraged them to pursue careers in this exciting and evolving field.

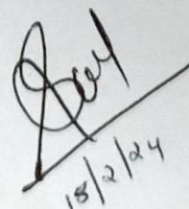# CERTIFICATE
OF INTERNSHIP

This is to certify that

CSE (Artificial Intelligence)

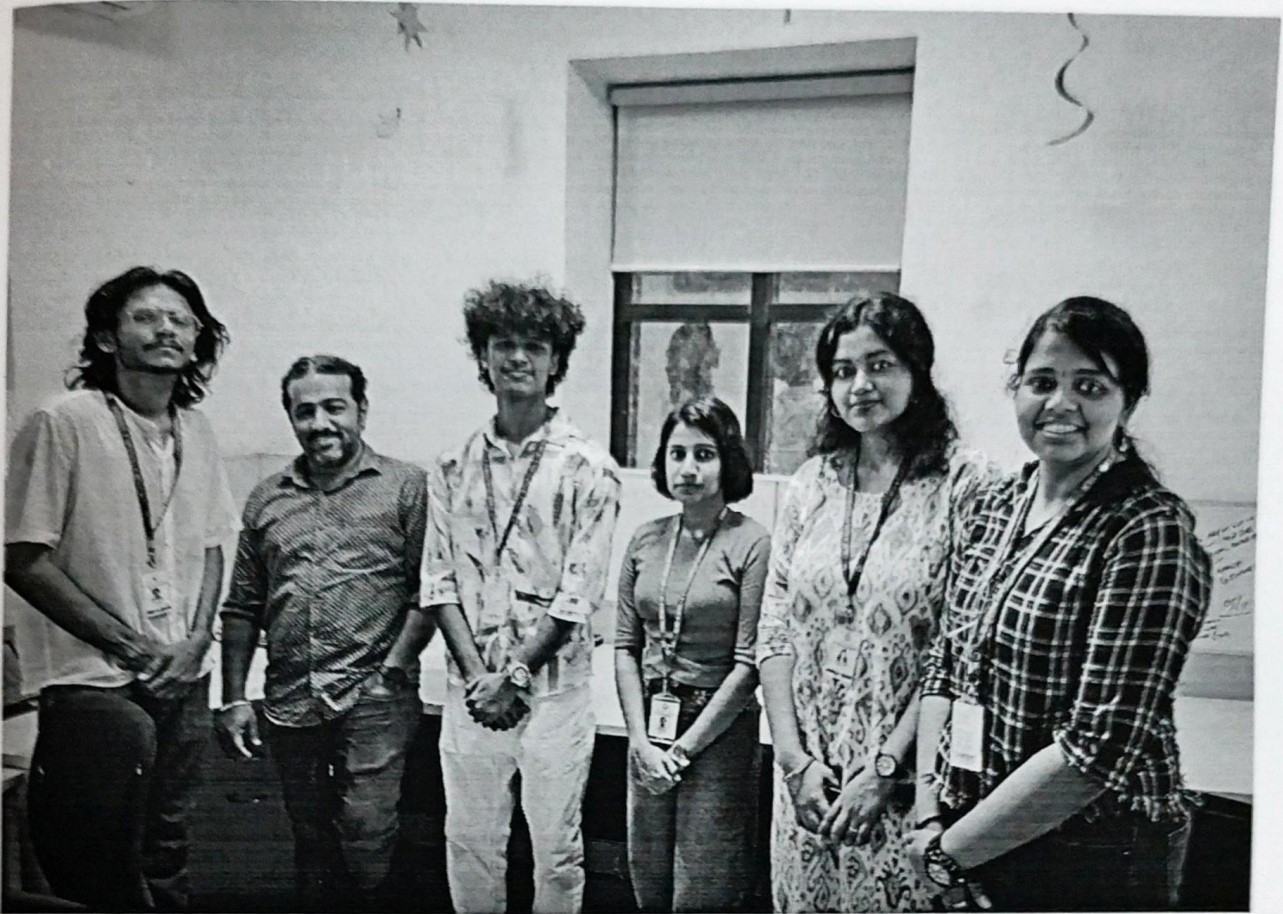Student of SCMS School of Engineering & Technology (Karukutty)

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

Head-HR

15/2/24

Destination: Munnar, Ramakkalmedu(118 km)

Accompanying staff: Ms Susmi Jacob, Mr Rajeev (Lab) Expected student count: 30

Expected contribution per head: 4600 Rs

Duration: 16 th feb to 18th feb(fri - sun)

Travel Agency: Mozaco Travelogue (travel guide with us entire duration), Phn 7034567314
(Thrissur)

DAY 1: 16 th feb

    Pickup-> 5:00pm from college

    5.15pm Koratty Infopark

    Industry name: Nas Infosolutions

    6.15 pm: leave from infopark

    10.00 pm: Dinner + Stay in Ramakkalmedu

    Resort Crowd Hills, Ramakkalmedu

    Ph no: 9562043497

DAY 2: 17th feb

    10.30am after breakfast and refreshment we have jeep trekking to

- Amappara
- Ramakkal view

- Kuravan Kurathi Statue

Lunch

Again sightseeing: Ramakkalmedu windmill point

3.00 pm departure to Munnar

7.30pm check in and campfire @ Rewild resort, Munnar (phone num: 09895179416)

8.00pm dinner and stay

DAY 3: 18 feb

8.30 breakfast

9.30 Munnar sightseeing

- Top station

- Kundala Dam

- Echo point

Lunch

Then proceed to Matupetti dam, photo point

3.30 pm Return

Dinner on the way back.

07.30 back in SSET.

Student List

Roll No.	Reg No.	admission Number	Student Name	Email	Phone Number
1	SCM22CA001	SCT/9980/22	ACHUTH S PAI	achuthspai04@gmail.com	892130751
2	SCM22CA002	SCT/10019/22	ADHUL KRISHNA V S	adhulkvs@gmail.com	920721832
3	SCM22CA003	SCT/10083/22	ALVIN K K	alvinkk102003@gmail.com	799435246
4	SCM22CA004	SCT/10016/22	ANAGHA CHANDRAN	anagha.chan@gmail.com	807874996
5	SCM22CA005	SCT/9782/22	ANANYA T S	ananyats288@gmail.com	949673330
6	SCM22CA006	SCT/10013/22	ARAVIND S	avislayys@gmail.com	807857887
7	SCM22CA007	SCT/10024/22	ARFAN M T	ARFANTHAFSEER@GMAIL.COM	892107836
8	SCM22CA008	SCT/10058/22	ARUNJITH . K	arunjithk987@gmail.com	773671697
9	SCM22CA009	SCT/9764/22	ASHWINI M SHENOY	ashwinimshenoy@gmail.com	810543525
10	SCM22CA010	SCT/9990/22	C R VASUDEV VARMA	iamcrv@gmail.com	730627422

18/2/24

11	SCM22CA011	SCT/9734/22	FAHEEM HAMZA	faheemhamzam@gmail.com	808601036
13	SCM22CA013	SCT/10004/22	GOKUL P	gokulp6238@gmail.com	623824257
14	SCM22CA014	SCT/10003/22	GOWRI DHANYA RAJ	gowridhanyaraj@gmail.com	859085754
15	SCM22CA015	SCT/9873/22	HARIDEV S.R	srharidev1221@gmail.com	773660751
16	SCM22CA016	SCT/10078/22	IHITHISHAM N	ihthishamibrahim2003@gmail.com	956768972
17	SCM22CA017	SCT/9740/22	JESNA SEBY	contacts.jesna@gmail.com	735658042
18	SCM22CA018	SCT/9976/22	JIBIN GIJO	jibingijo123@gmail.com	940068463
19	SCM22CA019	SCT/9995/22	JOPAUL JOSE	jopauljose57@gmai.com	859286166
20	SCM22CA020	SCT/10008/22	K HARINARAYAN	hharrii05@gmail.com	907206613
21	SCM22CA021	SCT/10026/22	LARSHAN K E	larshanke4887@gmail.com	903725488
22	SCM22CA022	SCT/10091/22	MOHAMMAD SHYFAL	muhammedshyfxl@gmail.com	9747760703
23	SCM22CA023	SCT/10108/22	MUHAMMED NAHYAN V A	muhammednahyanva@gmail.com	790750381
24	SCM22CA024	SCT/9747/22	NAVANEETH NANDAKUMAR	navaneethnandakumar12@gmail.com	977803190
25	SCM22CA025	SCT/9768/22	RADHIKA UDAYKUMAR NAIR	radhika.nair0312@gmail.com	808980707
26	SCM22CA026	SCT/10051/22	REAN MEHMOOD	reanchemmala@gmail.com	956287714
27	SCM22CA027	SCT/9759/22	SNEHA SUNIL	snehasunil.2345@gmail.com	730638798
28	SCM22CA028	SCT/10021/22	SYED FARHAN P N	syedfarhanpn@gmail.com	918877780
29	SCM22CA029	SCT/10006/22	TEJUS J	tejusjithesh@gmail.com	811308552
30	SCM22CA030	SCT/9743/22	THOUFEER M A	thoufeerma@gmail.com	944611525
31	SCM22CA031	SCT/9997/22	VISHNU PRASAD G	vishnuprasad200328@gmail.com	907481650

15/2/24

Dr. Sonal Ayyappan

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