



Prishyla Educational Trust (R), Bheemasamudra

GM INSTITUTE OF TECHNOLOGY, DAVANGERE

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Industrial Visit Report

Submitted by Faculty Coordinator: **Mr. Rangaswamy H**

Name of the Industry : **NxtGen Infinite Data Center**

Date of Visit : **3rd February 2023**

Total No. of Student : **31 (UG-III Semester AIML Branch)**

Total No. of Faculty : **04**

Faculty Coordinator : **Mr.Rangaswamy H**

Student Coordinator : **SUDEEP B K & YESHWANTH J**

Semester III

Industrial Visit Student List

Sl. No	USN	NAME
1	4GM21AI00	Ananya G C
2	4GM21AI00	AsfiyaSuzain
3	4GM21AI08	Ayan Hassan Bhat
4	4GM21AI00	Bhavana N
5	4GM21AI01	Bhoomika B R
6	4GM21AI01	Halesh G H
7	4GM21AI02	HeenaKousar S R
8	4GM21AI02	J M Pavithra
9	4GM21AI02	MisbaKousar
10	4GM21AI03	MohammadiTabassum
11	4GM21AI03	Mohammed Faizan Khan
12	4GM21AI03	Nagaveni E B
13	4GM21AI03	Nayana D S
14	4GM21AI03	Parvathi Y V
15	4GM21AI03	PavanVarahad V
16	4GM21AI03	Prajjeshwar P Reddy
17	4GM21AI04	Sai Shriya N K
18	4GM21AI04	Sandhya T

19	4GM21AI04	ShashidharPujar
20	4GM21AI04	Shreya B
21	4GM21AI04	Sneha A N
22	4GM21AI04	Sonu R Prasad
23	4GM21AI05	Sriraksha M Nyamati
24	4GM21AI05	SrushtiSubhaschandragou
25	4GM21AI05	Sudeep B K
26	4GM21AI05	SupriyaaPahalwan
27	4GM21AI05	Tarun S R
28	4GM21AI05	TejashwiniKadabageri
29	4GM21AI05	Vijayalakshmi K V
30	4GM21AI06	Vikas S M
31	4GM21AI06	Yashwanth J V



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Industrial Visit Faculty List

Sl.No	Faculty Name	Department
01	Rangaswamy H	AI&ML
02	Kavyashree BL	AI&ML
03	Mukta Poojar	AI&ML
04	Madhukara HC	CS&E

Details of visit		
Time	Activity	Resource Person
11:30am - 12:00 pm	Check-in and Registration	Mr. Channesh
12:00 – 01:00 pm	Entry into the campus and refreshment	Mr. Channesh
01:00 – 2:30 pm	Introduction and briefing about campus training	Mr. Basavaraj Yalavatti T
2:30 – 3:30 pm	Lunch Break	
03:30 – 05:00 pm	<u>Campus Tour</u> LT – Low Tension Room HT – High Tension Room Server –Block Solar Panel	Mr. Basavaraj Yalavatti T
05:00 pm	Check-out	Mr. Channesh





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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Industrial Visit Report

Submitted by Student Coordinator: **Sudeep BK**

Name of the Industry : **NxtGen Infinite Data Center**

Date of Visit : **3rd February 2023**

Total No. of Student : **31 (UG-III Semester AIML Branch)**

Total No. of Faculty : **04**

Faculty Coordinator : **Mr.Rangaswamy H**

Student Coordinator : **SUDEEP B K & YESHWANTH J V**

Submitted by

Sudeep BK & Team
3rdSEM, AIML



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Contents:

- Introduction
- About the company
- Organizational process
- Products
- Experience from the Industrial visit
- Conclusion



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Introduction:

Industrial visit was carried out at **NxtGen Infinite Data Center** on 3rd February, 2023 especially for semester third students. The main objective behind the visit was to make student aware about how various activities related to data center, server speed, SLP and QSP models are carried out in the company.

Along with 31 students we left for visit at 5 a.m. from Davangere and took about six hours to cover the distance. The company is located in Ramanagar in Bengaluru. As soon we reached the company we were guided by the senior engineer and an orientation of company was given about history and how the data center was established.

About the company:

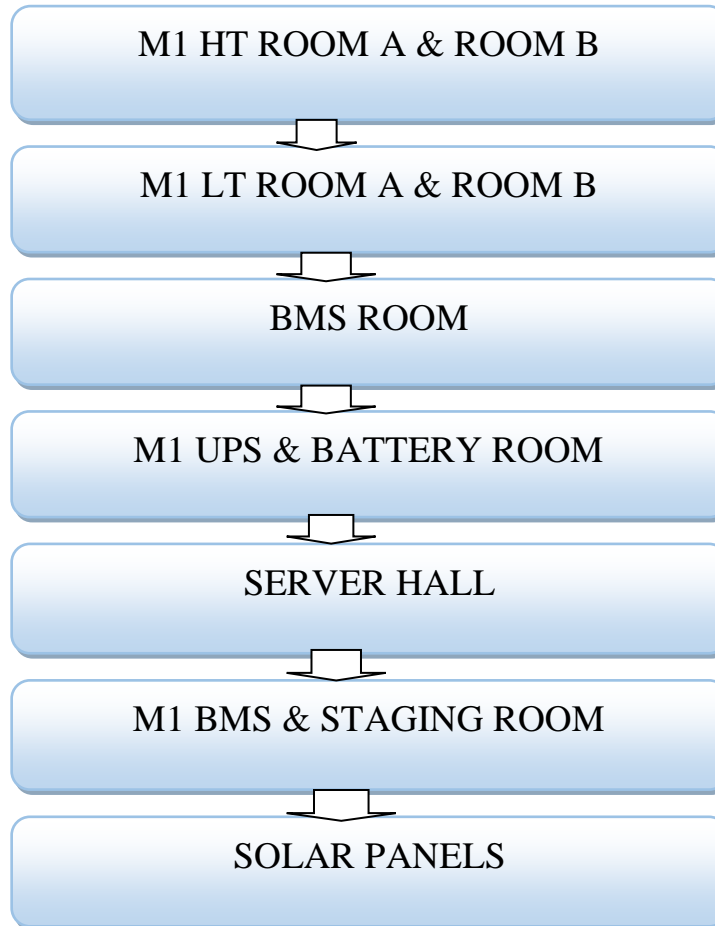
NxtGen provides data center and cloud services from our own high density data center (HDDC) facilities or can deploy centrally managed on-premise data centers (OPDC). Our enterprise cloud services provide private clouds hosted within OPDCs and hosted private clouds or hybrid cloud infrastructure hosted at their HDDCs. NxtGen's business-class infrastructure helps companies simplify IT infrastructure, reduce running costs, and enable business growth by creating additional capacity from existing infrastructure and providing the right public or private infrastructure to meet dynamic business demands.

NxtGen's offerings include: On-premise data centers (OPDCplug and play fully integrated datacenter, configured individually for all-size companies) and Enterprise Cloud Services(available as public, hybrid, and private cloud). NxtGen is launching India's first built-for-cloud data center, their high density data center facility (HDDC) in Bangalore.



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Organizational process:



Products:

- Industrial Products – Generator, Server, Coaxial pipelines, LAN cables, Gig cables.
- Educational Products – Power supplies, IC, Battery, Microcontroller/Microprocessor, SMPS, Mother board, hard disk, RAM etc.

Experience from the Industrial Visit:

- Industrial visit seems to present networking opportunities for the students with the company's HR.
- Interaction with guides and other person from the industry was motivating.
- See and know is better motto than 'read and learn'.



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- It was a good learning experience and we have upgraded our knowledge at a very great level.



Conclusion:

We conclude that while going through the entire industrial visit, the cooperation is found to be very well organized. We want to thank to the team of **NxtGen Infinite Data Center** for guiding and sharing information about the data center. We extend our thanks to Mr. Mr.Rangaswamy H and team for coordinating the Industrial visit.