



Sandip Foundation's
Sandip Institute of Engineering and Management,
Mahiravani, Trimbak Road, Nashik-422213
Phone: (02594) 222 581/82/83/84, Fax: (02594) 222 585
<http://www.sandipfoundation.org> / info@siem.org.in



Event Title: Expert lecture on Data Structure

Event Scheduled: 1st Oct, 2024 (10:00AM- 12:00 PM)

Resource Person: Prof. Abhay Gaidhani , Computer Engineering Deptt, SITRC, Nashik

Timing: 10:00 am onwards.

Event Venue: SE classroom, SIEM, Sandip Foundation, Nashik

Participants: SE students of E&TC Department

Name of Faculty coordinator: Prof. Sayali J. Pawar, faculty of E&TC department

Objectives:

The objective of this guest lecture is to provide participants with an in-depth understanding of **Data Structures**, focusing on both fundamental concepts and their practical applications in computer science and software development. The lecture aims to:

1. **Explain key concepts** – Introduce the fundamental principles of data structures, such as arrays, linked lists, stacks, queues, trees, graphs, and hash tables, along with their operations and use cases.
2. **Highlight algorithmic efficiency** – Emphasize the importance of time and space complexity, demonstrating how different data structures impact the performance of algorithms, with examples of sorting, searching, and traversal techniques.
3. **Explore real-world applications** – Discuss how data structures are applied in various domains, such as database management, machine learning, operating systems, and software development, enhancing problem-solving and system efficiency.
4. **Demonstrate implementation** – Provide practical examples and case studies that show how data structures are implemented in programming languages like C, C++, Java, or Python, and how to choose the right structure for specific tasks.
5. **Facilitate interactive learning** – Encourage active participation through discussions and a question-and-answer session, allowing attendees to clarify concepts and understand the challenges in applying data structures effectively.

By the end of the lecture, participants should have a solid understanding of the theoretical underpinnings and practical use of data structures, enabling them to design and optimize efficient algorithms and systems.



Invitation Letter



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Department of E&TC Engineering

Date: 30-09-2024

To,
Prof. Abhay R. Gaidhani,
Asst. Prof., Computer Dept.,
SITRC, Sandip Foundation, Nashik

Subject: Request for Expert on session on "Data Structure"

Respected Sir,

We are well aware with your expertise in the field of "Data Structure".

As a part of academic curriculum, we wish to arrange Expert session on **Data Structure** for our Second Year Electronics & Telecommunication Engineering students. The Expert session date is 01/10/2024. Timing: 10:00 am to 12:00 pm. Location: Second Year Classroom (E&TC Department, SIEM)

We will be immensely grateful if you could give your consent and spare your valuable time for the session.

Thanking you,


Prof. A. R. Risodkar

HOD(E&TC)





Dr. Dipak P. Patil

Principal, SIEM

PRINCIPAL

Sandip Institute of Engineering & Management
Mahiravani, Nashik - 422 213




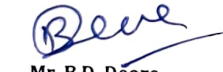
Class:- SE E & TC "Guest Lecture on Data Structure "

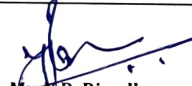
Date- 01 october 2024

Roll No.	Student Name	Sign
1	AHIRE RUSHIKESH SAMADHAN	<i>Rushikesh</i>
2	AROTE SAKSHI SUNIL	<i>Sakshi</i>
3	ARSULE SHRUTI DIPAK	<i>Shruti</i>
4	BACHHAV ANUSHKA KISHOR	<i>Anushka</i>
5	BHADANE HARSHAL PRAKASH	ABSENT
6	BHAVSAR HARSH HEMANT	<i>Harsh</i>
7	BHOSALE GOVIND CHANDRAKANT	ABSENT
8	BHUTEKAR KIRAN JAGANNATH	<i>Kiran</i>
9	BORASE PARAS MAHESH	<i>Paras</i>
10	CHAUDHARI ADITYA SANTOSH	<i>Aditya</i>
11	CHAUDHARI SNEHAL KIRAN	<i>Snehal</i>
12	CHEDE CHETAN BHUJANG	ABSENT
13	DESHMUKH SAKSHI SANJAY	<i>Sakshi</i>
14	DESHMUKH TEJAL RAJENDRA	<i>Tejal</i>
15	DHAVAN OM SATISH	<i>Om</i>
16	DHOMANE VIKI NAMDEV	<i>Viki</i>
17	GARJE RENUKA RAMDAS	<i>Renuka</i>
18	GAVHALE PALLAVI DILIP	ABSENT
19	GAWANDE PREETI GOKUL	<i>Preeti</i>
20	JADHAV SUMIT SANJAY	<i>Sumit</i>
21	JAIT SHRUTI RAJENDRA	<i>Shruti</i>
22	JAYBHAYE SHRIKANT DHANYAVAN	ABSENT
23	JAYBHAYE SOHAM VISHNU	<i>Soham</i>
24	KAKADE KOMAL JALINDAR	<i>Komal</i>
25	KARAD SAMADHAN CHANDRAKANT	ABSENT
26	KARPE YOGITA NAMDEV	<i>Yogita</i>
27	KHAIRNAR PRANAV KIRAN	<i>Pranav</i>
28	LOHARKAR ROHIT SURESH	ABSENT
29	MAHAJAN GAYATRI DNYANESHWAR	<i>Gayatri</i>
30	MORE MAYUR ANIL	<i>Mayur</i>
31	MORE SAKSHI RAJENDRA	<i>Sakshi</i>
32	PANSARE SARIKA KESHAV	ABSENT
33	PATIL ANAND SHAILENDRA	<i>Anand</i>
34	PATIL AYUSH VIKAS	ABSENT
35	PATIL JANHAVI JANARDAN	<i>Janhavi</i>
36	PATIL MANTHAN SUKLAL	ABSENT
37	PATIL SANDIP ANANDA	ABSENT
38	PAWAR GOPAL BHIDAS	<i>Gopal</i>
39	PAWAR PRANJAL ASHOK	<i>Pranjal</i>
40	PAWAR SANKET JAYWANT	<i>Sanket</i>
41	PAWAR SNEHAL HEMANT	ABSENT
42	PRAMOD HIRALAL PATIL	<i>Pramod</i>

43	RAJPUT PRACHI LAKHANSING	Prachi
44	RAUT SAKSHI RAJU	Beaut
45	SAGAR KADUBAL NIKAM	ABSENT
46	SARAS BHUSHAN SAHARE	Saras
47	SATHE MAYUR RAVINDRA	Mayur
48	SHETE DARSHAN RAJENDRA	Darshan
49	TAJANPURE PARAS DEEPAK	Paras
50	VAISHNAVI SANTOSH BHATEWAL	Pratewal
51	MARATHE YASH HITENDRA	Yash
52	AHER AKSHAY BABASAHEB	ABSENT
53	WALVE SAKSHI UTTAM	Sakshi
54	SADVE PRATIKSHA VINAYAK	ABSENT
55	KUNAL GULABSING PATIL	Kunal
56	DRISHTI CHAUDHARI	Drishiti
57	LOKHANDE NISHA RAJENDRA	Nisha
58	PAWAR SUJATA VILAS	Sujata
59	JONDHALE GAURAV SAHEBRAO	Gaurav
60	ADITYA SANJAY BHAMARE	ABSENT
61	SHREYAS DHANANJAY SOMWANSHI	ABSENT
62	ROHAN NANDKUMAR RAJGURU	ABSENT
63	SIDDHESH ASHOK GONDHALE	ABSENT
64	HARSHADA SANTOSH AMBEKAR	ABSENT
65	VAIBHAV SUNIL CHANDGUDE	Vaibhav
66	VANDANA VASUDEV VANAVE	Vandana
67	VAIBHAV SANJAY GANGURDE	ABSENT


Mrs. S.J. Pawar
Sub Teacher


Mr. B.D. Deore
Class Teacher/AMC


Mr. T.R. Risodkar
HOD




Photos

Photos of the Event




Event Coordinator




HOD, E&TC.

