School of Computer, Information and Mathematical Sciences

DEPARTMENT OF INFORMATION TECHNOLOGY

<u>**Report of Guest Lecture on Applications of Data Structures**</u>

04.10.2024

A guest lecture titled "Applications of Data Structures" was organized by Department of Information Technology, B.S. Adbur Rahman Crescent Institute of science and Technology, Chennai on 03.10.2024. The event took place in IT LAB 3 and was attended by students of III Sem B.Tech IT, I Sem M.Tech IT and faculty members of the department. The guest lecture aimed to provide students with an in-depth understanding of advanced data structures and their practical applications in the field of computer science and technology.

The session was initiated with a warm welcome by Dr. Prakash, Professor& Head/ IT, and also introduced the esteemed guest speaker, Mr. Srinivasan Thanukrishna, CTO & Director, Glosys Technology Solutions Pvt. Ltd. Mr. Srinivasan is an industry expert with years of experience across various domains. His extensive knowledge and expertise made him an ideal candidate to share valuable insights on this topic.

Mr. Srinivasan began the session by emphasizing the importance of Data Structures in solving complex problems efficiently. He explained that understanding the right data structures is essential for optimizing both time and space complexity in software applications. To make the session more interactive, Mr. Srinivasan presented case studies from his own professional experience.

The guest speaker concluded the technical part of the session by discussing the emerging trends in data structures, such as self-balancing trees, bloom filters, and skip lists. He also touched upon the growing importance of data structures in areas like machine learning, blockchain technology, and big data analytics.

Overall, the lecture was a great success and contributed to the students' understanding of the practical applications of data structures. A total of around 58 students participated in the guest lecture.

Attendance sheet

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DEPARTMENT OF INFORMATION TECHNOLOGY

Guest Lecture on Applications of Data Structures

Date: 03.10.2024   Time: 11.00 AM - 12.40 PM   Venue: IT LAB III

Attendance Sheet

S. NO.	RRN	NAME	DEGREE	SIGNATURE
1	230081601001	AARIF NAUSHAD I	B.Tech. IT	I. narif Naushad
2	230081601002	ABDUL MUNAF ABDUL LATHIP	B.Tech. IT	AB
3	230081601003	ABDUL RAASHID R	B.Tech. IT	A
4	230081601004	ABDUL SAMAD A	B.Tech. IT	A.A4
5	230081601005	AFIA JAHAN K	B.Tech. IT	AB
6	230081601006	AFRUDEE A	B.Tech. IT	
7	230081601007	AFSAL ALI A	B.Tech. IT	A.
8	230081601008	AHAMATH MUSTHAFA M	B.Tech. IT	AB
9	230081601009	AHAMED ATHIL S	B.Tech. IT	S.
10	230081601010	AHAMED IRFAN S	B.Tech. IT	S. Ahamd Irfan
11	230081601011	ANAS HUSSAIN U	B.Tech. IT	Anas
12	230081601012	ARSHATH AHAMED	B.Tech. IT	
13	230081601013	ASHFAAKDEEN	B.Tech. IT	Ashfaak deen. K
14	230081601014	BAASIL AHMED N	B.Tech. IT	
15	230081601015	EJYAS AHAMED M. E	B.Tech. IT	ejyas
16	230081601016	FALEELA SHAHIBA M S	B.Tech. IT	
17	230081601017	HAJA MUEENUDEEN	B.Tech. IT	
18	230081601018	HAJIRA MUNAVARA K	B.Tech. IT	Haji
19	230081601019	HASSAN	B.Tech. IT	

S. NO.	RRN	NAME	DEGREE	SIGNATURE
20	230081601020	HILAL AHMED H	B.Tech. IT	
21	230081601021	ISHAC AFRIDEEN M	B.Tech. IT	
22	230081601022	JAASIR N	B.Tech. IT	
23	230081601023	JAFFER SATHICK	B.Tech. IT	
24	230081601024	JAMUNA	B.Tech. IT	
25	230081601025	KISHORE KUMAR S	B.Tech. IT	
26	230081601026	LALITH ANANDHAN R	B.Tech. IT	
27	230081601027	MAFAZ MUKHTAR M	B.Tech. IT	
28	230081601028	MAHAASRI G S	B.Tech. IT	
29	230081601029	MAHIR A M	B.Tech. IT	
30	230081601030	MANOJ KUMAR M	B.Tech. IT	
31	230081601031	MOHAMED AASHIK M A	B.Tech. IT	
32	230081601032	MOHAMED AFRITH B	B.Tech. IT	
33	230081601033	MOHAMED ASHIK	B.Tech. IT	
34	230081601034	MOHAMED AYMAN Z	B.Tech. IT	
35	230081601035	MOHAMED FAHEEM	B.Tech. IT	
36	230081601036	MOHAMED FAZIL A	B.Tech. IT	
37	230081601037	MOHAMED FIRNAS E P N	B.Tech. IT	
38	230081601038	MOHAMED HAATIM J	B.Tech. IT	
39	230081601039	MOHAMED HAFEEZ A	B.Tech. IT	
40	230081601040	MOHAMED JAFRAN S	B.Tech. IT	
41	230081601041	MOHAMED JASAM	B.Tech. IT	
42	230081601042	MOHAMED JASIM M	B.Tech. IT	
43	230081601043	MOHAMED NAEEM M	B.Tech. IT	

S. NO.	RRN	NAME	DEGREE	SIGNATURE
44	230081601044	MOHAMED NAFIL A	B.Tech. IT	
45	230081601045	MOHAMED SAFIQ S	B.Tech. IT	
46	230081601046	MOHAMED SAJITH M	B.Tech. IT	m.sajith
47	230081601047	MOHAMED SAMEER J	B.Tech. IT	
48	230081601048	MOHAMED SHAHID AQIL	B.Tech. IT	
49	230081601049	MOHAMED SUHAIL J	B.Tech. IT	
50	230081601050	MOHAMED THANISH R	B.Tech. IT	
51	230081601051	MOHAMED YOUSUF M M	B.Tech. IT	
52	230081601052	MOHAMED YUSUF M	B.Tech. IT	AB
53	230081601053	MOHAMMAD IRSATH MAJITH A	B.Tech. IT	AB
54	230081601054	MOHAMMED FAHEEL M	B.Tech. IT	AB
55	230081601055	MOHAMMED MUZZAMMIL S	B.Tech. IT	
56	230081601056	MOHAMMED SHAFAN MANAZ M	B.Tech. IT	
57	230081601057	MUHAMMAD RAZEEN M	B.Tech. IT	
58	230081601058	MUSTHAFA KAMAL A H	B.Tech. IT	
59	230081601059	NADHA SAAFIYA R	B.Tech. IT	Nadha
60	230081601060	RAFEQHA M	B.Tech. IT	
61	230081601061	RIYAZ AHAMED S	B.Tech. IT	
62	230081601062	ROHITH G	B.Tech. IT	AB
63	230081601063	SURESH BABU C S	B.Tech. IT	
64	230081601064	TANLAM KRISHANTH	B.Tech. IT	
65	230081601065	VAISHNAVI A	B.Tech. IT	AB
66	230081601066	VISHAL WILLBRITE A	B.Tech. IT	
67	230081601067	YASWANTH P B	B.Tech. IT	

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S. NO.	RRN	NAME	DEGREE	SIGNATURE
68	230081601068	YUVRAJ	B.Tech. IT	
69	230081602003	MICHAEL RUVA R	B.Tech. IT	
70	220081601027	LOGESH.A	B.Tech. IT	
71	241272601001	AFRAA N	M.Tech. IT	
72	241272601002	VIGNESHWAR T	M.Tech. IT	
73	241272601003	ARUN M	M.Tech. IT	

Coordinator   HOD / IT

Photos coverage of the event

Coordinators   **HOD/IT**

Dr. N. Rajendran   Dr. N. Prakash
Mrs. R. Ramya