

Report

Workshop Report on "DATA STRUCTURES AND ALGORITHMS"

Date: 17 August 2026

Mode: Offline

Organized by: Department of Computer Science & Engineering

Time: 9:00 AM – 04:30 PM

Venue: CSE LAB, Bishop Jerome Institute

Program Convenor: Ms. Deepa Rajan S, HOD & Associate Professor, CSE

Program Coordinator: Ms. Sibimol J, Assistant Professor, CSE, BJI

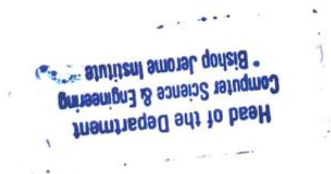
Introduction

The Department of Computer Science and Engineering at Bishop Jerome Institute in association with the **ACM Chapter**, organized a one-day hands-on workshop titled "**Data Structures and Algorithms**" on 17 August 2026. The programme aimed to provide students with practical exposure to data structures and algorithms and to strengthen their understanding of fundamental concepts used in programming and problem-solving.

Workshop Objective

The main objectives of the workshop were:

- To provide students with a strong understanding of fundamental **data structures and algorithms**.
- To develop students' **problem-solving and logical thinking skills** through algorithmic approaches.
- To familiarize students with efficient techniques for **storing, organizing, and processing data**.
- To provide practical exposure to the implementation of various data structures and algorithms.
- To help students understand the **time and space complexity** of algorithms and choose efficient solutions.
- To bridge the gap between **theoretical concepts and industry-oriented applications**.
- To enhance students' **programming and coding skills** through hands-on learning.
- Q&A sessions for clarifying doubts.



Dr. Deepa Rajan
HOD CSE



Sibimol J
Sibimol J

Resource Person

Mr. Adithyan Anil

R&D Engineer

Phiscap Robotics Pvt. Ltd.

Mr. Adithyan Anil served as the Resource Person for the workshop on “Data Structures and Algorithm” conducted on 17 August 2026. He shared his technical expertise and industry experience with the students through an interactive and practical session.

Inauguration and Distinguished Guests

The workshop was inaugurated in the gracious presence of Dr. Anil A. R, Principal, Bishop Jerome Institute (BJI). In his inaugural address, he emphasized the importance of developing a strong foundation in Data Structures and Algorithms (DSA) for effective programming and problem-solving. He urged students to seize opportunities like these technical sessions to continuously enhance their skills. His presence and words energized the students for the workshop.

The programme was organized under the guidance of **Dr. Deepa Rajan S, HoD, CSE**, who served as the **Convenor**, and **Ms. Sibimol J, CSE**, who served as the **Co-ordinator**.

Workshop Highlights

- Hands-on session on Data Structures and Algorithms
- Practical coding and problem-solving activities
- Understanding of core data structures and algorithmic techniques
- Interactive learning with an industry expert
- Exposure to real-world applications of algorithms
- Focus on improving logical thinking and programming skills
- Valuable industry-oriented insights from Adithyan Anil, R&D Engineer, Phiscap Robotics Pvt. Ltd..
- Students were encouraged to engage in practical sessions to build confidence in coding.

Conclusion

The workshop provided students with valuable practical exposure to Data Structures and Algorithms, enhancing their programming, logical thinking, and problem-solving skills. The interactive sessions and industry-oriented insights from the resource person helped students understand the real-world relevance of algorithmic concepts. Overall, the workshop was informative, engaging, and beneficial for developing students' technical competencies. The overwhelmingly positive feedback is a testament to the workshop's success!



Industry Interaction
Cell



BISHOP JEROME INSTITUTE

Fatima College Road, Kollam - 691001

SCHOOL OF ENGINEERING, ARCHITECTURE & MANAGEMENT

An ISO 9001:2015 Certified Institution | Approved By AICTE, COA & Affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN PROFESSIONAL EDUCATION OF THE CATHOLIC DIOCESE OF QUILON



DEPARTMENT OF **CSE**
Organising



WORKSHOP ON

DATA STRUCTURES AND ALGORITHM



RESOURCE PERSON

ADITHYAN ANIL

R&D Engineer
Phiscape Robotics pvt ltd



VENUE
CSE LAB



DATE
17/08/26



TIME
9:00 AM
TO 4:30 PM

Convenor
Dr. Deepa Rajan S
Hod, CSE

Co-ordinator
Sibimol J
CSE



BISHOP JEROME INSTITUTE

School of Engineering & Technology, School of Architecture & Design
& School of Management Studies

A CENTRE OF EXCELLENCE IN PROFESSIONAL EDUCATION OF THE CATHOLIC DIOCESE OF QUILON

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Workshop on Data Structures and Algorithms

Welcome Address : **Ms. Sibimol J**, Assistant Professor, CSE

Inaugural Address : **Dr. Anil A R**, Principal, BJI

Prof. Deepa Rajan S
HOD & Associate Professor, CSE

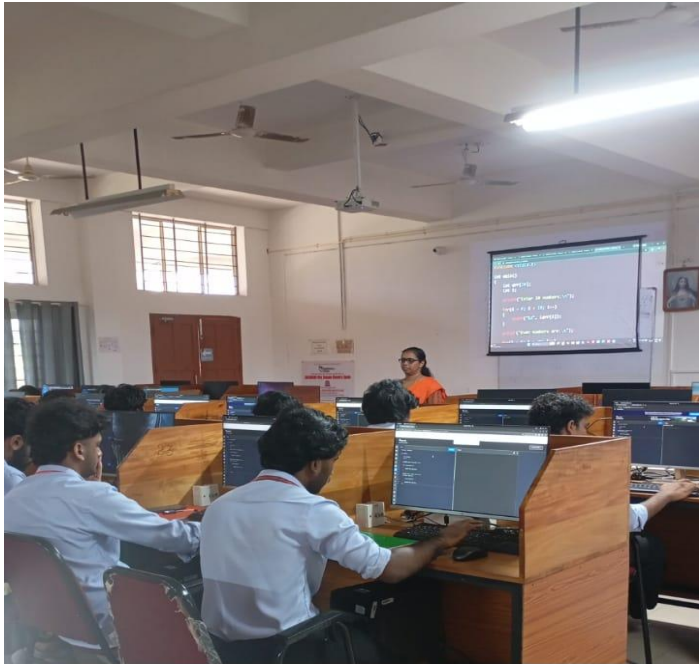
Resource Person : **Adithyan Anil**, R & D Engineer

Phiscap Robotics Pvt Ltd.

Vote of thanks : **Ms. Sibimol J**, Assistant Professor, CSE

Fatima College Road, Kollam 691 001, Kerala State

Email: bishopjeromegi@yahoo.com Tel. 0474-2764052/53 website: www.bjgi.in



unknown
Lat:null,Long:null



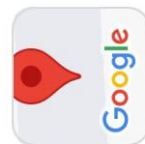
10:06 am
18 Aug-26,Tuesday



215°
SW



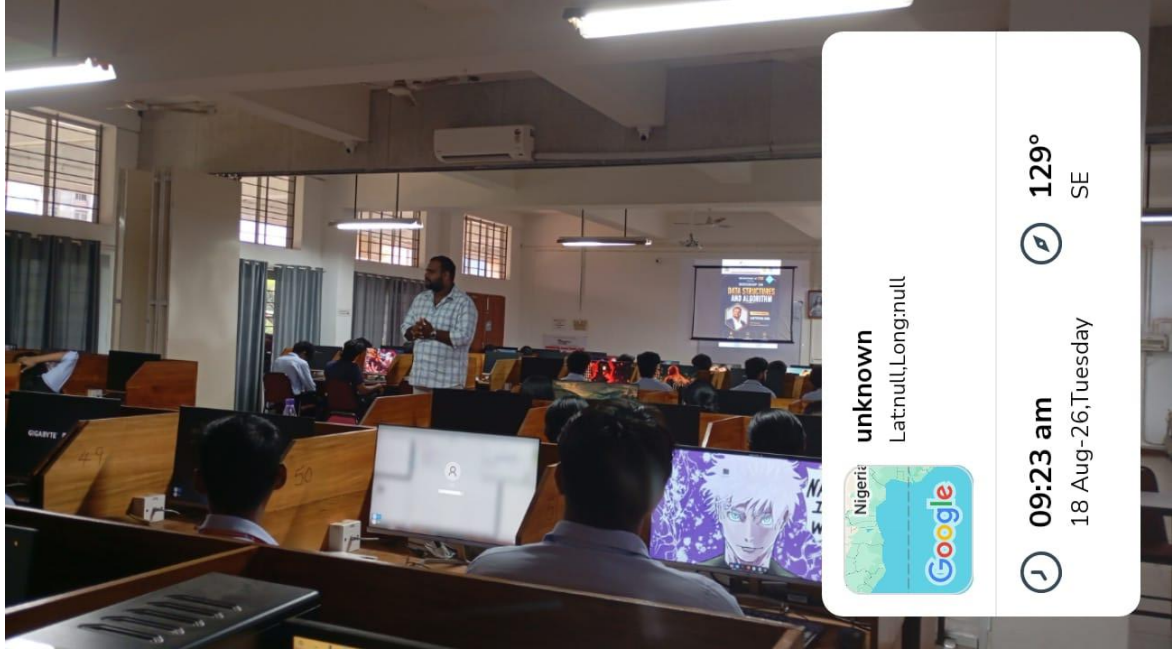
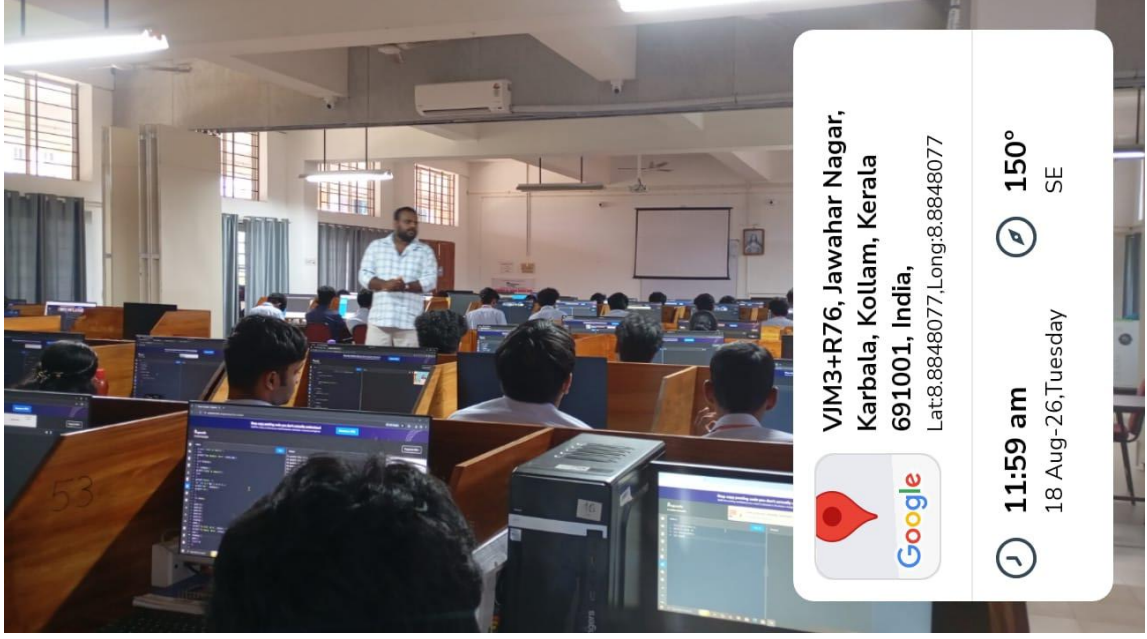
VIM3+R76, Jawahar Nagar,
Karbala, Kollam, Kerala
691001, India,
Lat:8.884814,Long:8.884814



12:21 pm
18 Aug-26,Tuesday



142°
SE



ATTENDANCE

 BISHOP JEROME INSTITUTE School of Engineering and Technology, School of Architecture and Design & School of Management Studies Approved by AICTE, & Council of Architecture, and Affiliated to A.P.J. Abdul Kalam Technological University, Kerala. An ISO 9001:2015 certified Institution.	
Students Roll List	CSE
B.Tech in Computer Science and Engineering	Branch: B.Tech in Computer Science and Engineering
Semester: Semester 3 CSE	Academic Year: 2026-27

DATA STRUCTURES AND ALGORITHMS (WORKSHOP)

Roll No.	Name	Signature	
		FN	AN
3501	AADHAMS S	<i>[Signature]</i>	<i>[Signature]</i>
3502	ABHIJA R A	<i>[Signature]</i>	<i>[Signature]</i>
3503	ABHINAV P	<i>[Signature]</i>	<i>[Signature]</i>
3504	ADARSH G C	<i>[Signature]</i>	<i>[Signature]</i>
3505	AJAS BH	<i>[Signature]</i>	<i>[Signature]</i>
3506	AL AMEEN N	<i>[Signature]</i>	<i>[Signature]</i>
3507	ALDREN EMMANUVAL	<i>[Signature]</i>	<i>[Signature]</i>
3508	ALFIN JOSE	<i>[Signature]</i>	<i>[Signature]</i>
3509	ALVIN ANTONY	<i>[Signature]</i>	<i>[Signature]</i>
3510	AMAN RAJ	<i>[Signature]</i>	<i>[Signature]</i>
3511	AMINA H	<i>[Signature]</i>	<i>[Signature]</i>
3512	AMINA THAJUDEEN	<i>[Signature]</i>	<i>[Signature]</i>
3513	ANUSREE A	<i>[Signature]</i>	<i>[Signature]</i>
3514	ARJUN P	<i>[Signature]</i>	<i>[Signature]</i>
3515	ARLIN SHIBU	<i>[Signature]</i>	<i>[Signature]</i>
3516	ASHA GEORGE	<i>[Signature]</i>	<i>[Signature]</i>
3517	ATHULYA L.S	<i>[Signature]</i>	<i>[Signature]</i>
3518	ATHULYA SREEKUMAR	<i>[Signature]</i>	<i>[Signature]</i>
3519	CHRISTY M	<i>[Signature]</i>	<i>[Signature]</i>
3520	DEEKSHITH B	<i>[Signature]</i>	<i>[Signature]</i>
3521	DHRUVAN SURAJ	<i>[Signature]</i>	<i>[Signature]</i>
3522	DILSHANA DILEEPSHA	<i>[Signature]</i>	<i>[Signature]</i>
3523	DIVYA RAJPUROHIT	<i>[Signature]</i>	<i>[Signature]</i>
3524	ELIZABETH MATHEW	<i>[Signature]</i>	<i>[Signature]</i>
3526	GOPU KRISHNA S P	<i>[Signature]</i>	<i>[Signature]</i>
3527	JAISON JERIN	<i>[Signature]</i>	<i>[Signature]</i>
3528	JEWEL MARY JAISON	<i>[Signature]</i>	<i>[Signature]</i>
3529	JOEL JOYSON	<i>[Signature]</i>	<i>[Signature]</i>
3530	JOEL VINOD	<i>[Signature]</i>	<i>[Signature]</i>
3531	J S KIRAN	<i>[Signature]</i>	<i>[Signature]</i>
3532	JURAIJ S R	<i>[Signature]</i>	<i>[Signature]</i>
3533	JUSTIN J VARGHESE	<i>[Signature]</i>	<i>[Signature]</i>
3534	KASINATH. S	<i>[Signature]</i>	<i>[Signature]</i>
3535	KRIPA T	<i>[Signature]</i>	<i>[Signature]</i>
3536	MEGHA PRAKASH	<i>[Signature]</i>	<i>[Signature]</i>
3537	MEHRIN S	<i>[Signature]</i>	<i>[Signature]</i>
3538	M.R ADHITHYA	<i>[Signature]</i>	<i>[Signature]</i>

Roll No.	Name	FN	AN
3539	MUHAMMAD SHAMNAD	<i>Sh</i>	
3540	MUHAMMED YASEEN N	<i>Yaseen</i>	<i>Yaseen</i>
3541	NADIYA A	<i>AB</i>	<i>Nadisa</i>
3542	NAVIN NAVAS	<i>Navin</i>	<i>Navin</i>
3543	NEHA MARIAM VINOD	<i>neha</i>	<i>neha</i>
3544	NISHANA NISSAR	<i>AB</i>	
3545	NITHIN B	<i>Nithin</i>	<i>Nithin</i>
3546	NITHIN KRISHNA.G		
3547	PRARTHANA S	<i>Prarthana</i>	<i>Prarthana</i>
3548	RAHUL S	<i>AB</i>	
3549	ROSE MARY. P	<i>AB</i>	
3550	RYAN RENY ANTONY	<i>R</i>	<i>R</i>
3551	SHAWN SEBASTIAN	<i>SH</i>	<i>SH</i>
3552	SHIJOHN SUDHEER		
3553	SNEHA B S		
3554	SREYAS S R	<i>Sreyas</i>	<i>Sreyas</i>
3555	STEFFI ANIL	<i>Steffi</i>	<i>Steffi</i>
3556	THEERTHA MANOJKUMAR	<i>theertha</i>	<i>theertha</i>
3557	THEERTHA P	<i>AB</i>	
3558	VIDHU KRISHNA	<i>vidhu</i>	

RESPONSES

Timestamp	NAME(IN CAPITAL LETTERS)	ROLL NO	DEPARTMENT	1.How would you rate the overall session?	2.How relevant was the workshop content to your?	3.How clearly did the resource person explain the?	4.How would you rate the practical demonstrations?	5.How useful was the workshop in improving your?	6.How effective was the hands-on practical session?	7.Overall, how satisfied are you with the workshop. SUGGESTIONS
8/18/2024 16:42:58	ANUSREE A	13	CSE	GOOD	Highly Relevant	GOOD	Excellent	Very Useful	Very Good	Very Satisfied
8/18/2024 16:42:58	ABHILASHA	2	Computer science engin	GOOD	Relevant	GOOD	Very Good	Useful	Very Good	Satisfied
8/18/2024 16:50:08	ALVIN ANTONY	9	cse	EXCELLENT	Relevant	EXCELLENT	Very Good	Very Useful	Very Good	Satisfied good class
8/18/2024 16:51:11	SHWITI ANIL	55	CSE	EXCELLENT	Relevant	EXCELLENT	Very Good	Useful	Very Good	Satisfied Good
8/18/2024 16:53:03	AMAN RAJ	10	CSE	EXCELLENT	Highly Relevant	EXCELLENT	Excellent	Very Useful	Excellent	Very Satisfied
8/18/2024 17:06:23	JENEL MARY JASON	28	CSE	EXCELLENT	Highly Relevant	EXCELLENT	Excellent	Very Useful	Excellent	Very Satisfied
8/18/2024 17:21:02	ADARSH GC	4	Caw	EXCELLENT	Highly Relevant	EXCELLENT	Excellent	Very Useful	Very Good	Very Satisfied
8/18/2024 18:24:24	DEEKSHITH B	20	CSE	GOOD	Relevant	GOOD	Very Good	Useful	Very Good	Satisfied
8/18/2024 18:02:17	JOEL JOYSON	29	CSE	EXCELLENT	Relevant	GOOD	Very Good	Useful	Very Good	Very Satisfied
8/18/2024 18:08:34	DULSHANA DILEEPISHA	22	CSE	EXCELLENT	Highly Relevant	GOOD	Very Good	Very Useful	Excellent	Very Satisfied No the class was nice
8/18/2024 18:16:01	ATHULAJA SREERAM	18	CSE	AVERAGE	Somewhat Relevant	AVERAGE	Average	Moderately Useful	Average	Neutral
8/18/2024 18:34:59	NADYA A	41	CSE	EXCELLENT	Relevant	GOOD	Very Good	Useful	Very Good	Satisfied Good
8/18/2024 18:53:24	ALDEN DHRANRAJAL	7	CSE	EXCELLENT	Highly Relevant	EXCELLENT	Excellent	Very Useful	Excellent	Very Satisfied Sir was soo friendly and
8/18/2024 18:54:41	METHWIN S	37	CSE	GOOD	Relevant	GOOD	Very Good	Useful	Very Good	Satisfied
8/18/2024 20:23:38	Theertha Manojkumar	56	Caw	EXCELLENT	Highly Relevant	EXCELLENT	Very Good	Very Useful	Excellent	Very Satisfied Expecting more such act
8/18/2024 20:52:09	MESHA PRASADH	36	CSE	EXCELLENT	Highly Relevant	EXCELLENT	Excellent	Very Useful	Excellent	Very Satisfied
8/18/2024 22:05:54	ALAMEEN N	6	CSE	EXCELLENT	Highly Relevant	GOOD	Very Good	Very Useful	Excellent	Very Satisfied
8/18/2024 22:47:35	DIVYA RAJAPURHITH	21	Computer science	GOOD	Relevant	GOOD	Very Good	Useful	Very Good	Satisfied
8/10/2024 25:57:35	ARUN SHARBU	15	Computer Science and E	GOOD	Highly Relevant	GOOD	Very Good	Useful	Very Good	Satisfied
8/10/2024 23:02:37	THEERTHA P	57	CSE	EXCELLENT	Highly Relevant	EXCELLENT	Excellent	Very Useful	Excellent	Very Satisfied
8/10/2024 23:03:57	JURAJ S R	32	CSE	AVERAGE	Somewhat Relevant	GOOD	Poor	Not Useful	Poor	Dissatisfied Keep future workshops
8/10/2024 23:09:12	KIRAN T	35	CSE	EXCELLENT	Highly Relevant	EXCELLENT	Excellent	Very Useful	Excellent	Very Satisfied
8/10/2024 23:30:27	CHRISTY	19	Cs	EXCELLENT	Highly Relevant	GOOD	Very Good	Useful	Very Good	Very Satisfied No suggestion
8/11/2024 18:00:26	JOEL VINOD	30	CSE	GOOD	Relevant	GOOD	Very Good	Useful	Very Good	Satisfied
8/11/2024 18:25:53	GOPAKRISHNA S P	26	Computer science	EXCELLENT	Highly Relevant	EXCELLENT	Excellent	Very Useful	Excellent	Very Satisfied
8/11/2024 18:42:58	ADYA GEORGE	16	Caw	EXCELLENT	Highly Relevant	EXCELLENT	Excellent	Very Useful	Excellent	Very Satisfied
8/11/2024 18:43:59	RYAN RENY ANTONY	50	CSE	EXCELLENT	Highly Relevant	EXCELLENT	Excellent	Very Useful	Excellent	Very Satisfied
8/11/2024 18:47:48	DEEKSHITH B	20	CSE	GOOD	Relevant	GOOD	Very Good	Useful	Very Good	Satisfied
8/11/2024 18:58:19	DULSHANA DILEEPISHA	22	Computer science	GOOD	Relevant	GOOD	Very Good	Very Useful	Very Good	Very Satisfied No