# LBS College of Engineering Career guidance & Placement Unit (CGPU)

### **Placement Training 2022-23**

### Vision of the Institute

To become a paragon institution for pursuance of Education and Research in Engineering and
Technology

### Mission of the Institute

Impart finest quality Technical Education and Training
Nurture a vision of Sustainable development
Bequeath it to the next generation of professionals



LBS College of Engineering, Kasaragod March 2023 **DECLARATION** 

We hereby affirm that this activity report constitutes the genuine documentation detailing the

array of training initiatives carried out by the Career Guidance & Placement Unit (CGPU)

throughout the academic year 2022-23. These endeavors were conducted under the oversight of

Dr. Rahul C, Placement Officer of the Department of Computer Science and Engineering, and

Dr. Sarith Divakar M, Placement Coordinator, both affiliated with LBS College of Engineering,

Kasaragod.

Dr. Rahul C

Placement Officer

Assistant Professor,

Dept of Computer Science and Engineering

Dr. Sarith Divakar M

Placement Coordinator

Assistant Professor,

Dept of Computer Science and Engineering

Dr. Mohammad Sekoor T.

Principal

LBS College of Engineering, Kasaragod.

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Date: 31/03/2023

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### **Placement Student Coordinators**

SI. No	Name	Class	Batch
1	Layana E	CSE	2019-23
2	Varun Vinay	CSE	2019-23
3	Allen Bose	CSE	2019-23
4	Arjun T	CSE	2019-23
5	Sanal LS	CSE	2019-23
6	Athira C	IT	2019-23
7	Amulya S J	ΙΤ	2019-23
8	Sreelakshmi A	ECE	2019-23
9	Navaneeth	ECE	2019-23
10	Ashish Yathish P	EEE	2019-23
11	Amal Krishna A B	EEE	2019-23
12	Anas P K	CE	2019-23
13	Akarsh C S	ME	2019-23
14	Amritha T P	ME	2019-23
15	Akarsh C S	ME	2019-23
16	Rini Raveendran	M.Tech	2021-23

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## CHAPTER 1 INTRODUCTION

The institute's Career Guidance & Placement Unit plays a pivotal role in fostering the holistic development and successful placement of students. Equipped with a comprehensive infrastructure, the cell orchestrates year-round training activities to prepare students for campus selection programs and collaborates with diverse industries for recruitment opportunities. It focuses on molding engineering graduates into adept professionals, offering services such as campus interviews, job placements, and training programs to develop crucial skills for the competitive job market. The cell also organizes workshops and seminars on personality development, interpersonal relationships, communication, interview, and presentation skills to facilitate all-round individual development. Orientation programs for freshers and engagement with alumni further enrich the student experience, while the continuous feedback mechanism ensures the ongoing enhancement of placement and training initiatives.

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## CHAPTER 2 PLACEMENT TRAINING ORGANISED

Date	Details	Resource Person/Company
8-Jan-2022	Quantitative Aptitude Day 1	Pragmatix Learning Edutech Pvt. Ltd.
9-Jan-2022	Quantitative Aptitude Day 2	Pragmatix Learning Edutech Pvt. Ltd.
8-Jan-2022	Aptitude and Logical Reasoning Day 1	EDZUMO Pvt Ltd
9-Jan-2022	Aptitude and Logical Reasoning Day 2	EDZUMO Pvt Ltd
12-Feb-2022	Quantitative Aptitude Day 3	Pragmatix Learning Edutech Pvt. Ltd.
13-Feb-2022	Quantitative Aptitude Day 4	Pragmatix Learning Edutech Pvt. Ltd.
12-Feb-2022	Aptitude and Logical Reasoning Day 3	EDZUMO Pvt Ltd
13-Feb-2022	Aptitude and Logical Reasoning Day 4	EDZUMO Pvt Ltd
25-June-2022	Logical Reasoning Day 1	Pragmatix Learning Edutech Pvt. Ltd.
26-June-2022	Logical Reasoning Day 2	Pragmatix Learning Edutech Pvt. Ltd.
27-June-2022	Verbal Ability Day 1	Pragmatix Learning Edutech Pvt. Ltd.
28-June-2022	Verbal Ability Day 2	Pragmatix Learning Edutech Pvt. Ltd.
25-June-2022	Aptitude and Logical Reasoning Day 5	EDZUMO Pvt Ltd
26-June-2022	Aptitude and Logical Reasoning Day 6	EDZUMO Pvt Ltd

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27-June-2022	Verbal Ability Day 1	EDZUMO Pvt Ltd
28-June-2022	Verbal Ability Day 2	EDZUMO Pvt Ltd
2-July-2022	Cognizant Pattern Training	Pragmatix Learning Edutech Pvt. Ltd.
23-July-2022	Infosys Pattern Training	Pragmatix Learning Edutech Pvt. Ltd.
24-July-2022	Infosys Pattern Training	Pragmatix Learning Edutech Pvt. Ltd.
26-July-2022	Pseudo Code Training	Pragmatix Learning Edutech Pvt. Ltd.

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**Quantitative Aptitude Day 1** 

**Date**: 8-Jan-2022

**Training organization:** Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2019-23 CSE & IT

Quantitative Aptitude Topics Covered:

Numbers:

Covered various aspects of numbers including basic operations, properties of numbers, and

divisibility rules.

Strategies for solving problems involving large numbers and number patterns were discussed.

Percentages:

Detailed explanation of the concept of percentages and its applications in various scenarios.

Techniques for calculating percentages mentally and solving percentage-related problems

efficiently.

Averages:

The definition and properties of averages were elucidated.

Methods for finding averages of different data sets, including weighted averages, were taught.

Practical examples and exercises were provided to reinforce understanding.

The training session on Quantitative Aptitude topics including Numbers, Percentages, and Averages

was conducted successfully. Participants gained a solid understanding of the fundamental concepts

and demonstrated enthusiasm for further learning. The session provided a valuable platform for skill

development and laid a strong foundation for future learning and application.

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**Quantitative Aptitude Day 2** 

**Date**: 9-Jan-2022

**Training organization:** Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2019-23 CSE & IT

Topics Covered:

Time and Work:

Definition and basic concepts of time and work problems were introduced.

Techniques for solving problems involving the relationship between time, work, and

efficiency were discussed.

Strategies for handling complex time and work scenarios and solving problems using LCM

(Least Common Multiple) were explained.

Pipes and Cisterns:

Explanation of the concepts of inflow and outflow in pipes and cisterns problems.

Methods for calculating the time taken to fill or empty a tank given different pipe capacities

and efficiencies were taught.

Practical examples and scenarios were provided to illustrate various types of pipes and cisterns

problems and their solutions.

The Day 2 session of the Quantitative Aptitude training covered Time and Work as well as Pipes and

Cisterns topics comprehensively. Participants gained valuable insights into solving problems related

to these topics and demonstrated active engagement throughout the session. The practical examples

and exercises provided a solid foundation for understanding and applying the concepts in real-life

scenarios.

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**Aptitude and Logical Reasoning Day 1** 

**Date**: 8-Jan-2022

Training organization: EDZUMO Pvt Ltd

Batch: 2019-23 ECE, EEE, ME, CE

Topics Covered:

Numbers: Basic arithmetic operations, properties of numbers, and number series.

Percentages, Averages: Concepts related to calculating percentages and averages, along with their

applications in various scenarios.

Time and Work: Introduction to the concepts of time and work, including problems involving multiple

workers completing tasks together.

**Aptitude and Logical Reasoning Day 2** 

**Date**: 9-Jan-2022

Training organization: EDZUMO Pvt Ltd

Batch: 2019-23 ECE, EEE, ME, CE

Topics Covered:

Pipes and Cisterns, Time, Speed, and Distance:

Pipes and cisterns involve problems related to filling or draining tanks with varying rates of flow. The

session delved into the fundamental concepts of time, speed, and distance, including their

interrelations and applications in problem-solving. This encompasses understanding various formulas,

strategies for solving different types of problems, and practical applications.

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**Quantitative Aptitude Day 3** 

**Date**: 12-Feb-2022

**Training organization:** Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2019-23 CSE & IT

Topics Covered:

Time, Speed, and Distance:

Introduction to the concepts of time, speed, and distance relationships.

Methods for calculating speed, time, and distance using various formulas and approaches.

Strategies for solving problems involving relative motion, average speed, and conversions

between different units of measurement.

Boats & Streams:

Explanation of the principles governing the motion of boats and streams.

Techniques for calculating the speed of a boat in still water, downstream speed, and upstream

speed.

Methods for solving problems involving the motion of boats and streams in rivers and streams

of varying speeds.

Conclusion:

The Day 3 session of the Quantitative Aptitude training focused on Time, Speed, and Distance, as

well as Boats & Streams topics. Participants engaged actively in learning and applying the concepts,

demonstrating a keen interest in mastering these fundamental principles. The session provided

valuable insights and practical skills that are essential for tackling quantitative aptitude problems

effectively.

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#### **Quantitative Aptitude Day 4**

**Date**: 13-Feb-2022

**Training organization:** Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2019-23 CSE & IT

Topics Covered:

Permutation, Combination, Probability:

• Introduction to the concepts of permutation and combination.

• Explanation of the formulas and methods for calculating permutations and combinations.

• Techniques for solving problems involving arrangements, selections, and combinations of

elements.

• Introduction to probability theory, including basic definitions and terminology.

Methods for calculating probabilities of simple and compound events, including addition and

multiplication principles.

Profit & Loss, Partnership:

• Explanation of the concepts of profit, loss, and profit percentage.

• Methods for calculating cost price, selling price, and profit or loss percentage.

• Techniques for solving problems involving successive discounts, marked prices, and cost

prices.

• Introduction to partnership problems and methods for calculating profits and losses in

partnerships.

The Day 4 session of the Quantitative Aptitude training covered Permutation, Combination,

Probability, Profit & Loss, and Partnership topics comprehensively. Participants demonstrated active

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engagement and enthusiasm in learning and applying the concepts. The session provided valuable

insights and practical skills that are essential for mastering quantitative aptitude problems and

enhancing problem-solving abilities.

**Aptitude and Logical Reasoning Day 3** 

**Date**: 12-Feb-2022

Training organization: EDZUMO Pvt Ltd

Batch: 2019-23 ECE, EEE, ME, CE

Topics Covered:

Permutation, Combination, Probability: Participants were introduced to the concepts of permutation,

combination, and probability. This involves understanding the formulas, principles, and applications

of these concepts in solving various types of problems.

Boats & Streams: The session covered problems related to the relative motion of boats and streams,

including upstream and downstream scenarios, and how to calculate their speeds and distances.

**Aptitude and Logical Reasoning Day 4** 

**Date**: 13-Feb-2022

Training organization: EDZUMO Pvt Ltd

Batch: 2019-23 ECE, EEE, ME, CE

Topics Covered:

Profit & Loss: The session covered concepts related to profit and loss, including calculating cost price,

selling price, profit, loss, and percentage profit/loss. Participants have learned various formulas and

methods to solve problems related to profit and loss scenarios.

Partnership: This topic involves understanding the concepts of partnership, including the sharing of

profits and losses among partners, their investments, and the distribution of profits according to

agreed-upon ratios.

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**Logical Reasoning Day 1** 

**Date**: 25-June-2022

**Training organization:** Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2019-23 CSE & IT

Topics Covered:

Clocks and Calendars:

Introduction to the concepts of clocks and calendars.

Explanation of the methods for solving problems related to time and date calculations.

Techniques for determining the time after a certain period, finding the angle between clock

hands, and solving calendar-related problems.

Strategies for tackling complex scenarios involving leap years, odd days, and special calendar

dates.

Data Sufficiency:

Overview of the data sufficiency question type commonly found in aptitude tests.

Explanation of the structure and format of data sufficiency questions.

Techniques for analyzing the given data and determining whether it is sufficient to answer the

question.

Tips for approaching data sufficiency problems and common pitfalls to avoid.

Conclusion:

The Day 1 session of the Logical Reasoning training focused on Clocks and Calendars, as well as

Data Sufficiency topics. Participants actively engaged in learning and applying the concepts,

demonstrating a strong interest in developing their logical reasoning skills. The session provided

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valuable insights and practical techniques that are essential for mastering logical reasoning problems

and enhancing problem-solving abilities.

**Logical Reasoning Day 2** 

**Date**: 26-June-2022

**Training organization:** Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2019-23 CSE & IT

Topics Covered:

Syllogisms, Logical Deductions:

Introduction to syllogisms and logical deductions.

Explanation of the structure and rules governing syllogistic reasoning.

Techniques for identifying valid and invalid syllogisms based on given premises and

conclusions.

Strategies for solving logical deduction problems using deductive reasoning principles.

Coding and Decoding, Alpha-numerical Series:

Overview of coding and decoding techniques used in logical reasoning.

Explanation of different types of coding patterns and decoding methods.

Techniques for solving coding and decoding problems involving letter and number

transformations.

Introduction to alpha-numerical series and methods for identifying patterns and completing

series.

The Day 2 session of the Logical Reasoning training covered Syllogisms, Logical Deductions, Coding

and Decoding, as well as Alpha-numerical Series topics comprehensively. Participants demonstrated

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active engagement and enthusiasm in learning and applying the concepts. The session provided

valuable insights and practical skills that are essential for mastering logical reasoning problems and

enhancing problem-solving abilities.

Verbal Ability Day 1

**Date**: 27-June-2022

**Training organization:** Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2019-23 CSE & IT

Topics Covered:

Reading Comprehension:

Introduction to reading comprehension and its importance in verbal ability assessments.

Strategies for effectively approaching reading passages, including skimming, scanning, and

active reading techniques.

Techniques for identifying main ideas, supporting details, and the author's purpose within a

passage.

Methods for summarizing and analyzing the content of reading passages and answering

comprehension questions.

Vocabulary:

Overview of vocabulary-building strategies and techniques.

Introduction to methods for expanding and enhancing vocabulary through reading, word lists,

and contextual learning.

Explanation of common vocabulary question types found in verbal ability tests.

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Techniques for deducing the meaning of unfamiliar words using context clues and word roots.

The Day 1 session of the Verbal Ability training focused on Reading Comprehension and Vocabulary

topics. Participants actively participated in learning and applying the strategies and techniques

discussed. The session provided valuable insights and practical skills that are essential for mastering

verbal ability assessments and improving overall language proficiency.

Verbal Ability Day 2

**Date**: 28-June-2022

**Training organization:** Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2019-23 CSE & IT

Topics Covered:

Sentence Completion and Parajumbles:

Introduction to sentence completion and parajumbles questions commonly found in verbal

ability tests.

Explanation of strategies for solving sentence completion questions by understanding context,

tone, and grammar.

Techniques for identifying the correct sequence of sentences in para jumbles by analyzing

logical flow and coherence.

Methods for eliminating incorrect options and selecting the most suitable completion or

sequence.

Sentence Correction:

Overview of common grammatical errors found in sentences and passages.

Introduction to sentence correction question types and strategies.

Explanation of grammar rules and principles for identifying and correcting errors in sentences.

Techniques for improving sentence structure, clarity, and conciseness through effective

correction.

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The Day 2 session of the Verbal Ability training covered Sentence Completion and Para jumbles, as

well as Sentence Correction topics comprehensively. Participants demonstrated active engagement

and enthusiasm in learning and applying the strategies and techniques discussed. The session provided

valuable insights and practical skills that are essential for mastering verbal ability assessments and

improving overall language proficiency.

**Aptitude and Logical Reasoning Day 5** 

**Date**: 27-June-2022

**Training organization:** EDZUMO Pvt Ltd

Batch: 2019-23 ECE, EEE, ME, CE

Topic Covered:

Clocks and Calendars:

Participants delved into understanding the intricacies of timekeeping with clocks and calendars.

Concepts such as angle calculations, finding the time after a certain interval, determining the day of

the week, and identifying leap years were covered.

Data Sufficiency:

The session shifted focus to data sufficiency, a crucial aspect of aptitude testing and problem-solving.

Participants learned strategies for determining whether the given data is sufficient to answer a

question. Techniques for effectively analyzing statements and identifying key information were

explored through various examples and practice problems.

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**Aptitude and Logical Reasoning Day 6** 

**Date**: 28-June-2022

Training organization: EDZUMO Pvt Ltd

Batch: 2019-23 ECE, EEE, ME, CE

Topic Covered:

Syllogisms, Logical Deductions:

Participants engaged in understanding the principles of syllogisms and logical deductions. The session

included identifying valid and invalid arguments based on given premises, applying rules of inference,

and drawing logical conclusions. Practical examples and exercises were utilized to enhance

comprehension and analytical reasoning skills.

Coding and Decoding, Alpha-numerical Series:

The session transitioned to concepts of coding and decoding, involving the transformation of letters,

numbers, or symbols according to predefined rules or patterns. Participants learned various coding

techniques and strategies for decoding encrypted messages. Additionally, alpha-numerical series were

explored, focusing on identifying the underlying patterns and predicting the next elements in the

series.

Verbal Ability Day 1

**Date**: 29-June-2022

Training organization: EDZUMO Pvt Ltd

Batch: 2019-23 ECE, EEE, ME, CE

The training session on Verbal Ability, conducted on Day 1, focused on developing essential language

skills among the participants. The session commenced with an in-depth exploration of Reading

Comprehension techniques. Participants were introduced to strategies for effective reading, including

skimming, scanning, and close reading. Through the analysis of sample passages and guided

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discussions, participants learned how to identify main ideas, infer meanings, and draw conclusions

from texts.

Following the Reading Comprehension segment, the session transitioned to Vocabulary building.

Participants were guided through various methods for expanding and strengthening their vocabulary,

including learning word roots, contextual understanding, and mnemonic techniques. Engaging

exercises and interactive activities were employed to reinforce the acquisition and retention of new

words.

Overall, the session was productive, with participants actively engaging in discussions, demonstrating

enthusiasm for learning, and showing improvement in their verbal skills. The foundation laid on Day

1 will serve as a basis for further development throughout the training program.

Verbal Ability Day 2

**Date**: 30-June-2022

Training organization: EDZUMO Pvt Ltd

Batch: 2019-23 ECE, EEE, ME, CE

The second day of the Verbal Ability training session focused on honing participants' skills in sentence

completion and sentence correction. The session began with an exploration of strategies for sentence

completion, emphasizing the importance of understanding context and identifying clues within

sentences. Participants were introduced to various types of sentence completion questions commonly

encountered in assessments and examinations. Through guided practice exercises and collaborative

discussions, participants gained confidence in tackling such questions effectively.

Following the segment on sentence completion, the session transitioned to sentence correction.

Participants learned techniques for identifying grammatical errors, improving sentence structure, and

enhancing clarity and coherence. Practical examples and real-world scenarios were employed to

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illustrate common grammatical mistakes and strategies for correction. Participants actively engaged

in error detection exercises and peer review activities, fostering a collaborative learning environment.

Overall, the session was dynamic and interactive, with participants actively participating and

demonstrating a growing proficiency in sentence completion and correction skills. The knowledge

and skills acquired on Day 2 will contribute to their overall success in verbal ability assessments and

beyond.

**Cognizant Pattern Training** 

**Date**: 2-July-2022

**Training organization:** Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2019-23 CSE, IT, ECE, EEE, ME, CE

The Cognizant Pattern Training session aimed to equip participants with the necessary skills and

knowledge to excel in the recruitment process conducted by Cognizant. The session covered all

sections of the Cognizant aptitude test, including quantitative aptitude, logical reasoning, and verbal

ability.

Key Highlights:

Quantitative Aptitude:

Comprehensive coverage of topics including numbers, percentages, averages, time and work,

pipes and cisterns, time, speed, and distance, permutation, combination, probability, profit &

loss, and partnership.

Participants were provided with strategies and techniques to solve problems efficiently and

accurately.

Practice exercises were given to reinforce learning and improve problem-solving skills.

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#### Logical Reasoning:

 An in-depth discussion on topics such as clocks and calendars, data sufficiency, syllogisms, logical deductions, coding and decoding, and alpha-numerical series.

- Participants engaged in solving various logical reasoning problems to enhance their analytical thinking and reasoning abilities.
- Strategies for approaching different question types were shared, along with tips for improving accuracy.

#### Verbal Ability:

- Training covered reading comprehension, vocabulary, sentence completion, parajumbles, and sentence correction.
- Emphasis was placed on improving reading comprehension skills, expanding vocabulary, and enhancing grammatical accuracy.
- Practical exercises and discussions were conducted to reinforce understanding and application of concepts.

The Cognizant Pattern Training session provided participants with a comprehensive understanding of the test pattern and equipped them with essential skills for success in the recruitment process. Through interactive sessions and practical exercises, participants gained confidence in their abilities to tackle various question types effectively. The session aimed to empower participants to perform at their best and excel in their career pursuits.

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**Infosys Pattern Training Day 1** 

**Date**: 23-July-2022

**Training organization:** Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2019-23 CSE, IT, ECE, EEE, ME, CE

Topics covered in Day 1:

Quantitative Aptitude:

Covered fundamental topics such as numbers, percentages, averages, time and work, pipes and

cisterns, time, speed, and distance, permutation, combination, probability, profit & loss, and

partnership. Provided participants with strategies and techniques to solve problems efficiently and

accurately. Conducted practice exercises to reinforce learning and improve problem-solving skills,

focusing on Infosys-specific question types.

Logical Reasoning:

Discussed topics including clocks and calendars, data sufficiency, syllogisms, logical deductions,

coding and decoding, and alpha-numerical series. Engaged participants in solving various logical

reasoning problems to enhance analytical thinking and reasoning abilities, tailored to Infosys-specific

question formats. Shared strategies for approaching different question types and tips for improving

accuracy and speed in the reasoning section.

Verbal Ability:

Covered reading comprehension, vocabulary, sentence completion, para jumbles, and sentence

correction, emphasizing Infosys-specific question types and language usage. Emphasized improving

reading comprehension skills, expanding vocabulary, and enhancing grammatical accuracy, tailored

to the verbal ability section of the Infosys assessment. Conducted practical exercises and discussions

to reinforce understanding and application of concepts, focusing on Infosys-specific verbal ability

question formats.to perform at their best and achieve success in their career aspirations with Infosys.

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**Infosys Pattern Training Day 2** 

**Date**: 24-July-2022

**Training organization:** Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2019-23 CSE, IT, ECE, EEE, ME, CE

Topics covered in Day 2:

Infosys Specific Modules:

Provided an overview of the Infosys online assessment pattern, including question types and

assessment criteria. Detailed discussion on Infosys-specific aptitude question types and strategies,

reasoning section preparation, and verbal ability section preparation. Shared insights into Infosys's

recruitment process and tips for effectively navigating each stage of the assessment.

**Problem Solving Session** 

**Date**: 26-July-2022

**Training organization:** Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2019-23 CSE, IT, ECE, EEE, ME, CE

The Problem Solving in C training session aimed to enhance participants' programming skills in the

C language through practical problem-solving exercises. Participants were guided through various

problem-solving techniques and programming constructs in C to tackle a range of challenges.

Key Highlights:

Introduction to Problem Solving in C:

Discussed the importance of problem-solving skills in software development and engineering.

Introduced the C programming language as a powerful tool for implementing algorithms and

solving problems.

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 Emphasized the significance of structured and modular programming practices for efficient problem-solving.

#### Programming Constructs in C:

- Covered fundamental programming constructs in C, including variables, data types, operators, control structures (if-else, switch-case, loops), functions, and arrays.
- Provided explanations and examples of each construct to ensure understanding and familiarity.
   Problem-solving Techniques:
  - Presented various problem-solving techniques such as brute force, divide and conquer, dynamic programming, and recursion.
  - Illustrated how to apply these techniques to solve different types of problems efficiently in C.
  - Encouraged participants to analyze problem statements, identify appropriate techniques, and implement solutions in C.

The Problem-Solving in C training session provided participants with invaluable experience and skills essential for cracking placement tests, particularly in technical domains. By delving into practical exercises and guided learning, participants not only strengthened their programming skills but also gained confidence in tackling a wide array of challenges commonly encountered in placement assessments.

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## CHAPTER 3 CONCLUSION

In summary, during the 2022-23 Academic year, the Career Guidance & Placement Unit (CGPU) achieved significant milestones by organizing many successful events. We've notably helped new students pursue their dreams. While we've had successes, we've also recognized past problems and taken steps to fix them. We're committed to getting better and supporting our students' success.

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## CHAPTER 4 CONTACT

- ➤ Official Email Address cgpu@lbscek.ac.in
- ➤ Official Website <a href="https://lbscek.ac.in/career-guidance-placement-unit-cgpu/">https://lbscek.ac.in/career-guidance-placement-unit-cgpu/</a>
- ➤ Placement Officer Dr. Rahul C <u>rahul@lbscek.ac.in</u> 9995401430
- ➤ Placement Coordinator Dr. Sarith Divakar M <u>sarith@lbscek.ac.in</u> 9946760222