

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

Placement Training 2020-21

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 2021

DECLARATION

We hereby affirm that this activity report constitutes genuine documentation detailing the array of training initiatives carried out by the Career Guidance & Placement Unit (CGPU) throughout the academic year 2020-21. 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.

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Date: 31/03/2021

Placement Student Coordinators

Sl. No	Name	Class	Batch
1	Anju George	CSE	2017-21
2	Mohammed Anees A B	CSE	2017-21
3	Amritesh Kumar Gupta	IT	2017-21
4	Varsha V	ECE	2017-21
5	Arun Raj. K	EEE	2017-21
6	Gokul Manohar	ME	2017-21
7	Swathi. S	ME	2017-21
8	Akhila Thilakan	CE	2017-21
9	Nada Abdul Nassir	M.Tech	2019-21

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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.

CHAPTER 2
PLACEMENT TRAINING ORGANISED

Date	Details	Resource Person/Company
1-Feb-2020	Quantitative Aptitude Day 1	Pragmatix Learning Edutech Pvt. Ltd
2-Feb-2020	Quantitative Aptitude Day 2	Pragmatix Learning Edutech Pvt. Ltd
8-July-2020	Quantitative Aptitude Day 3	Pragmatix Learning Edutech Pvt. Ltd
9-July-2020	Quantitative Aptitude Day 4	Pragmatix Learning Edutech Pvt. Ltd
10-July-2020	Logical Reasoning Day 1	Pragmatix Learning Edutech Pvt. Ltd
3-Aug-2020	Logical Reasoning Day 2	Pragmatix Learning Edutech Pvt. Ltd
4-Aug-2020	Logical Reasoning Day 3	Pragmatix Learning Edutech Pvt. Ltd
5-Aug-2020	Logical Reasoning Day 4	Pragmatix Learning Edutech Pvt. Ltd
12-Sep-2020	Verbal Ability Day 1	Pragmatix Learning Edutech Pvt. Ltd
13-Sep-2020	Verbal Ability Day 2	Pragmatix Learning Edutech Pvt. Ltd
22-Sep-2020	Verbal Ability Day 3	Pragmatix Learning Edutech Pvt. Ltd
20-Oct-2020	Infosys Interview training	Pragmatix Learning Edutech Pvt. Ltd
24-Oct-2020	CTS Interview training	Pragmatix Learning Edutech Pvt. Ltd
13-Dec-2020	Experion pattern training	Pragmatix Learning Edutech Pvt. Ltd

23-Mar-2021	Quest pattern training Day 1	Pragmatix Learning Edutech Pvt. Ltd
28-Mar-2021	QBurst pattern training Day 2	Pragmatix Learning Edutech Pvt. Ltd

Quantitative Aptitude Day 1

Date: 1-Feb-2020

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

Topics Covered:

Numbers:

- Introduction to numbers and their classifications, including natural numbers, whole numbers, integers, rational numbers, and real numbers.
- Operations on numbers, such as addition, subtraction, multiplication, and division.
- Properties of numbers, including divisibility rules, prime numbers, composite numbers, and factors.
- Techniques for solving problems involving arithmetic operations, number patterns, and divisibility.

Percentages:

- Concept of percentages and their significance in real-life scenarios.
- Calculation of percentages, including percentage increase, decrease, and comparison.
- Applications of percentages in various contexts, such as profit and loss, discounts, interest, and markups.
- Strategies for solving percentage-based problems using proportionality and algebraic methods.

Averages:

- Definition of averages (mean) and their relevance in data analysis.
- Calculation of arithmetic mean for a set of numbers.
- Application of averages in scenarios involving data interpretation, including average speed, average age, average score, and average temperature.

- Techniques for solving problems related to averages, including weighted averages and mixture problems.

The Quantitative Aptitude Day 1 session provided participants with a solid foundation in numbers, percentages, and averages. Through interactive discussions and practical exercises, participants gained confidence in solving numerical problems and applying quantitative reasoning skills in various contexts.

Quantitative Aptitude Day 2

Date: 2-Feb-2020

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

Topics Covered:

Time and Work:

- Introduction to time and work problems involving the relationship between time, rate, and work done.
- Methods for solving time and work problems, including direct proportion, unitary method, and efficiency-based approaches.
- Application of time and work concepts in scenarios involving multiple workers, partial completion, and varying rates of work.
- Techniques for solving complex time and work problems through systematic analysis and logical reasoning.

Pipes and Cisterns:

- Explanation of pipes and cisterns problems involving the inflow and outflow of liquids from

containers.

- Calculation of individual and combined rates of filling and emptying pipes and cisterns.
- Application of concepts such as efficiency, time, and capacity to solve problems related to pipes and cisterns.
- Strategies for handling scenarios involving leakages, simultaneous filling/emptying, and time taken to fill/empty containers.

The Quantitative Aptitude Day 2 session provided participants with a comprehensive understanding of time and work, as well as pipes and cisterns problems. Through interactive discussions and practical exercises, participants gained confidence in solving complex problems and applying quantitative reasoning skills in various contexts.

Quantitative Aptitude Day 3

Date: 8-July-2020

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

Topics Covered:

Time, Speed, and Distance:

- Introduction to the concepts of time, speed, and distance and their interrelationship.
- Formulas and methods for calculating speed, distance, and time based on different scenarios, including constant speed, relative speed, and average speed.
- Application of time, speed, and distance concepts in solving problems related to train journeys, races, and relative motion.
- Strategies for solving complex problems involving multiple entities moving at different speeds and directions.

Boats & Streams:

- Explanation of boat and stream problems involving the motion of boats in still water and streams.
- Calculation of downstream and upstream speeds based on the speed of the boat and the speed of the stream.
- Application of concepts such as relative speed and time to solve problems related to boat journeys in rivers and streams.
- Techniques for handling scenarios involving the crossing of rivers, downstream and upstream trips, and time taken to cover a certain distance.

The Quantitative Aptitude Day 3 session provided participants with a comprehensive understanding of time, speed, and distance, as well as boat and stream problems. Through interactive discussions and practical exercises, participants gained confidence in solving complex problems and applying quantitative reasoning skills in various contexts.

Quantitative Aptitude Day 4

Date: 9-July-2020

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

Topics Covered:

Permutation, Combination, Probability:

- Introduction to permutation and combination as counting techniques used to calculate arrangements and selections of objects.
- Formulas and methods for calculating permutations and combinations, including factorial notation and binomial coefficients.

- Application of permutation and combination concepts in solving problems related to arrangements, selections, and probability calculations.
- Strategies for solving probability problems involving single and compound events, independent and dependent events, and conditional probability.

Profit & Loss, Partnership:

- Explanation of profit and loss concepts, including cost price, selling price, profit, loss, and profit percentage.
- Calculation of profit and loss percentages and determination of the break-even point.
- Application of profit and loss concepts in solving problems related to successive discounts, marked prices, and overhead costs.
- Introduction to partnership concepts, including investments, profit-sharing ratios, and distribution of profits and losses among partners.

The Quantitative Aptitude Day 4 session provided participants with a comprehensive understanding of permutation, combination, probability, profit and loss, and partnership concepts. Through interactive discussions and practical exercises, participants gained confidence in solving complex problems and applying quantitative reasoning skills in various contexts.

Logical Reasoning Day 1

Date: 10-July-2020

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

Topics Covered:

Clocks and Calendars:

- Introduction to clocks and calendars as components of logical reasoning assessments.
- Explanation of basic concepts related to clocks, including time measurement, hour hand, minute hand, and angle between hands.
- Techniques for solving problems involving time-related calculations, such as time differences, time taken to cover a certain distance, and time of meeting.
- Introduction to calendar concepts, including days of the week, months, leap years, and finding the day of the week for a given date.
- Strategies for solving calendar problems involving determining dates, finding the day of the week for historical events, and calculating future or past dates.

The Logical Reasoning Day 1 session provided participants with a comprehensive understanding of clocks and calendars concepts. Through interactive discussions and practical exercises, participants gained confidence in solving complex problems and applying logical reasoning skills in various contexts.

Logical Reasoning Day 2

Date: 3-Aug-2020

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

Topics Covered:

Data Sufficiency:

- Introduction to data sufficiency as a logical reasoning problem type commonly encountered in assessments.
- Explanation of the format and structure of data sufficiency questions, including the stem and the options.
- Strategies for analyzing the given information to determine whether it is sufficient to answer the question posed.
- Techniques for approaching data sufficiency problems systematically, including eliminating irrelevant information and considering multiple scenarios.
- Practice exercises involving a variety of data sufficiency questions from different domains, such as mathematics, logic, and data interpretation.

The Logical Reasoning Day 2 session provided participants with a comprehensive understanding of data sufficiency concepts. Through interactive discussions and practical exercises, participants gained confidence in analyzing data and determining its sufficiency to answer questions effectively in various contexts.

Logical Reasoning Day 3

Date: 4-Aug-2020

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

Topics Covered:

Syllogisms:

- Introduction to syllogism as a logical reasoning problem type involving deductive reasoning.
- Explanation of the structure and components of syllogistic statements, including premises and conclusions.
- Techniques for analyzing syllogistic statements and determining their validity based on standard logical rules (such as the laws of conversion, obversion, and contraposition).
- Strategies for solving syllogism problems using Venn diagrams, Euler diagrams, and logical reasoning rules.
- Practice exercises involving a variety of syllogism problems with different numbers of statements and logical structures.

Logical Deductions:

- Overview of logical deduction as a reasoning process that involves deriving conclusions from given premises.
- Explanation of different types of logical deductions, including conditional statements, deductive reasoning, and logical inference.
- Techniques for making logical deductions using deduction rules, truth tables, and logical equivalences.
- Application of logical deduction principles in solving problems involving conditional statements, logical connectives, and propositional logic.

- Practice exercises involving logical deduction problems from various domains, such as mathematics, language, and puzzle-solving.

The Logical Reasoning Day 3 session provided participants with a comprehensive understanding of syllogisms and logical deductions. Through interactive discussions and practical exercises, participants gained confidence in analyzing logical statements and making deductions effectively in various contexts.

Logical Reasoning Day 4

Date: 5-Aug-2020

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

Topics Covered:

Coding and Decoding:

- Introduction to coding and decoding as logical reasoning problem types involving the transformation of letters, numbers, or symbols according to a certain pattern or rule.
- Explanation of different types of coding and decoding techniques, including letter shifting, letter coding, number coding, and symbol coding.
- Techniques for analyzing coding and decoding patterns and identifying the underlying rules or algorithms.
- Strategies for solving coding and decoding problems using pattern recognition, logical reasoning, and trial and error.
- Practice exercises involving a variety of coding and decoding problems with different coding patterns and complexities.

Alpha-Numerical Series:

- Overview of alpha-numerical series as logical reasoning problem types involving sequences of letters, numbers, or symbols arranged according to a certain pattern or rule.
- Explanation of different types of alpha-numerical series patterns, including arithmetic series, geometric series, alphabetical series, and mixed series.
- Techniques for analyzing alpha-numerical series patterns and identifying the underlying mathematical or logical rules.
- Strategies for solving alpha-numerical series problems using pattern recognition, numerical

reasoning, and logical deduction.

- Practice exercises involving a variety of alpha-numerical series problems with different series types and complexities.

The Logical Reasoning Day 4 session provided participants with a comprehensive understanding of coding and decoding, as well as alpha-numerical series concepts. Through interactive discussions and practical exercises, participants gained confidence in analyzing coding patterns and decoding messages effectively in various contexts.

Verbal Ability Day 1

Date: 12-Sep-2020

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

Topics Covered:

Reading Comprehension:

- Introduction to reading comprehension as a critical component of verbal ability assessments.
- Explanation of reading comprehension strategies, including skimming, scanning, and in-depth reading.
- Techniques for identifying the main idea, supporting details, tone, and author's purpose in a passage.
- Strategies for answering different types of reading comprehension questions, such as factual, inferential, and critical reasoning questions.
- Practice exercises involving reading passages of varying lengths and complexities, followed by comprehension questions.

Vocabulary:

- Overview of vocabulary as a fundamental aspect of language proficiency and verbal ability.
- Explanation of vocabulary acquisition techniques, including reading extensively, context clues, and word roots, prefixes, and suffixes.
- Techniques for improving vocabulary skills through active reading, vocabulary lists, flashcards, and mnemonic devices.
- Strategies for approaching vocabulary questions in verbal ability assessments, such as analogies, synonyms, antonyms, and fill-in-the-blank questions.
- Practice exercises involving vocabulary-building activities, including word meanings, usage in sentences, and analogical reasoning.

The Verbal Ability Day 1 session provided participants with essential skills for improving reading comprehension and vocabulary. Through interactive discussions and practical exercises, participants gained confidence in understanding and analyzing written texts effectively, as well as expanding their vocabulary repertoire.

Verbal Ability Day 2

Date: 13-Sep-2020

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

Topics Covered:

Sentence Completion:

- Introduction to sentence completion as a component of verbal ability assessments, testing understanding of sentence structure and vocabulary.

- Explanation of different types of sentence completion questions, including single-blank and multiple-blank sentences.
- Techniques for identifying context clues and determining the appropriate word or phrase to complete the sentence logically and coherently.
- Strategies for approaching sentence completion questions systematically, including reading the entire sentence and predicting possible answers.
- Practice exercises involving sentence completion questions of varying complexity, focusing on vocabulary usage and sentence coherence.

Para jumbles:

- Overview of para jumbles as a type of question involving the arrangement of jumbled sentences to form a coherent paragraph.
- Explanation of strategies for solving para jumbles questions, including identifying the opening and closing sentences, logical sequencing, and transitional phrases.
- Techniques for analyzing the context, tone, and logical flow of sentences to determine their correct order within the paragraph.
- Strategies for eliminating irrelevant information and selecting the most appropriate sequence of sentences to form a cohesive paragraph.
- Practice exercises involving para jumbles questions of different lengths and complexities, focusing on logical sequencing and coherence.

The Verbal Ability Day 2 session provided participants with essential skills for solving sentence completion and para jumbles questions effectively. Through interactive discussions and practical exercises, participants gained confidence in understanding sentence structures, identifying context clues, and forming cohesive paragraphs.

Verbal Ability Day 3

Date: 22-Sep-2020

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

Topics Covered:

Sentence Correction:

- Introduction to sentence correction as a component of verbal ability assessments, testing grammar and language proficiency.
- Explanation of common types of errors tested in sentence correction questions, including subject-verb agreement, tense consistency, parallelism, and modifier placement.
- Techniques for identifying and correcting errors in sentences, including grammatical rules and logical reasoning.
- Strategies for approaching sentence correction questions efficiently and systematically, including reading the entire sentence and considering the context.
- Practice exercises involving sentence correction questions of varying complexity, focusing on identifying and correcting grammatical errors.

The Verbal Ability Day 3 session provided participants with essential skills for identifying and correcting grammatical errors in sentences. Through interactive discussions and practical exercises, participants gained confidence in applying grammar rules and improving sentence structure in verbal ability assessments.

Infosys Interview training

Date: 20-Oct-2020

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

Topics Covered:

Interview Preparation:

- Introduction to the Infosys interview process, including rounds, format, and expectations.
- Overview of common interview questions asked by Infosys, including behavioral, technical, and situational questions.
- Techniques for preparing for the interview, including researching the company, understanding the job role, and practicing responses to common interview questions.
- Strategies for presenting oneself effectively during the interview, including body language, communication skills, and professionalism.
- Tips for handling different interview scenarios, such as behavioral-based questions, technical assessments, and group discussions.

The Infosys Interview Training session provided participants with valuable insights and strategies for preparing for the Infosys interview process. Through interactive discussions and practical exercises, participants gained confidence in presenting themselves effectively and addressing common interview questions and scenarios.

CTS Interview training

Date: 24-Oct-2020

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

Topics Covered:

Interview Preparation:

- Introduction to the CTS (Cognizant) interview process, including rounds, format, and expectations.
- Overview of common interview questions asked by CTS, including behavioral, technical, and situational questions.
- Techniques for preparing for the interview, including researching the company, understanding the job role, and practicing responses to common interview questions.
- Strategies for presenting oneself effectively during the interview, including body language, communication skills, and professionalism.
- Tips for handling different interview scenarios, such as behavioral-based questions, technical assessments, and group discussions.

The CTS Interview Training session provided participants with valuable insights and strategies for preparing for the CTS interview process. Through interactive discussions and practical exercises, participants gained confidence in presenting themselves effectively and addressing common interview questions and scenarios.

Experion pattern training

Date: 13-Dec-2020

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

Topics Covered:

Experion Pattern Overview:

- Introduction to the Experion interview process, including rounds, format, and expectations.
- Overview of common interview questions asked by Experion, including technical, behavioral, and situational questions.
- Techniques for preparing for the interview, including researching the company, understanding the job role, and practicing responses to common interview questions.
- Strategies for presenting oneself effectively during the interview, including body language, communication skills, and professionalism.
- Tips for handling different interview scenarios, such as technical assessments, case studies, and group discussions.

The Experion Pattern Training session equipped participants with valuable insights and strategies for preparing for the Experion interview process. Through interactive discussions and practical exercises, participants gained confidence in addressing technical challenges, demonstrating problem-solving abilities, and presenting themselves effectively during the interview.

Quest pattern training Day 1

Date: 21-Mar-2021

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

The training session commenced on 21st March 2021 with an introduction to the Quest pattern training provided by Pragmatix Learning Edutech Pvt. Ltd. The trainer began by outlining the objectives and expectations of the training program. Participants were briefed on the methodology that would be employed throughout the training, emphasizing interactive learning and practical application.

Following the introduction, the trainer delved into the basic concepts and principles of the Quest pattern. Through a combination of lectures, group discussions, and interactive exercises, participants gained a foundational understanding of the Quest pattern and its relevance in problem-solving and decision-making scenarios.

Throughout the day, participants engaged in hands-on exercises designed to reinforce their understanding of the Quest pattern. These exercises involved analyzing case studies and applying the Quest pattern framework to identify solutions and make informed decisions. The trainer provided guidance and feedback to ensure that participants grasped the concepts effectively.

The training day concluded with a Q&A session, allowing participants to seek clarification on any doubts or concerns regarding the material covered. Overall, Day 1 provided participants with a solid understanding of the fundamentals of the Quest pattern and laid the groundwork for more advanced topics to be covered on Day 2.

QBurst pattern training Day 2

Date: 28-Mar-2021

Training organisation: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2017-21

On the second day of the training program, participants reconvened to build upon the knowledge gained on Day 1. The session began with a recap of the key concepts and takeaways from the previous day, ensuring that participants were aligned before diving into more advanced topics.

The trainer then proceeded to explore advanced techniques and strategies associated with the Quest pattern. Practical examples and case studies were presented to illustrate the application of these advanced concepts in real-world scenarios. Participants were encouraged to actively participate in discussions and share their insights and experiences.

To further reinforce learning, role-playing exercises were conducted, allowing participants to simulate challenging situations and practice applying the Quest pattern framework to devise effective solutions. The trainer provided constructive feedback and guidance to help participants refine their problem-solving skills.

A feedback session was held towards the end of the day to assess individual progress and address any challenges encountered during the training. Participants had the opportunity to reflect on their learning journey and provide input for future improvements. The training concluded with a discussion on the potential applications of the Quest pattern beyond the training context, highlighting its relevance in various professional and personal settings. Participants left the training program equipped with the knowledge and skills to leverage the Quest pattern effectively in their respective fields.

Overall, the two-day Quest pattern training provided by Pragmatix Learning Edutech Pvt. Ltd. was highly informative and engaging, fostering a conducive learning environment for participants to enhance their problem-solving abilities and decision-making skills.

CHAPTER 3

CONCLUSION

In summary, the Career Guidance & Placement Unit (CGPU) has reached significant milestones throughout the Academic year 2020-21 through the successful execution of various events. Our primary accomplishment lies in the positive impact on new students, steering their aspirations in the right direction. While we rejoice in our achievements, we acknowledge the shortcomings and imperfections of the past year. Nonetheless, we've proactively taken measures to rectify these issues and ensure progress going forward. With a steadfast dedication to continuous growth and learning, we believe there's still ample room for further accomplishments. Our commitment remains unwavering in bolstering the efficacy of our endeavors and fostering the development and success of our students.

CHAPTER 4

CONTACT

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