

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

Placement Training 2023-24

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 2024

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 2023-24. 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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12	Abhijith Kinattapurayil	CSE	2020-24
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15	Sarang S	CE	2020-24
16	Kalidas M B	CSE	2020-24
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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

COGNIZANT SESSIONS

The Soft Skill Training on Corporate Readiness – Cognizant

The Soft Skill Training on Corporate Readiness, organized by Cognizant and held on August 21, 2023, featured Kathaline Tathamangalam Nunes, Senior Manager at GenC Academy, Cognizant, as the keynote speaker. The aim was to equip participants with essential skills and insights crucial for success in the corporate realm. Nunes delivered a captivating presentation, delving into topics such as communication, teamwork, and time management. Interactive exercises and discussions encouraged active engagement among attendees.



Fig 2.2 Speaker Profile

The session provided a dynamic and informative exploration of key soft skills vital for thriving in professional environments. Nunes, leveraging her expertise, offered practical strategies for navigating the corporate landscape, drawing from real-world examples and industry knowledge. Participants gained valuable insights into effective communication, seamless teamwork, efficient time management, and adaptability to change. The training encouraged active participation through hands-on activities and discussions, allowing attendees to practice and refine their skills in a supportive setting. Networking opportunities fostered connections among participants, enriching their learning experience and expanding their professional networks.

During the Q&A session, Nunes addressed participants' queries, further enhancing their understanding of corporate readiness. The session concluded on an empowering note, leaving attendees equipped with practical tools and a renewed sense of confidence for their professional journeys. Following the training, participants were left with enhanced preparedness for the corporate world, newfound confidence, and a deeper appreciation for essential soft skills. Positive feedback underscored the session's success in meeting participants' needs and empowering them for success in their careers. Overall, the training was a resounding success in achieving its objectives of empowering individuals for professional excellence.



Figure 2.1 Poster

The Soft Skill Training was a dynamic and informative session aimed at providing participants with valuable insights into essential skills and strategies for excelling in the corporate environment. During the session, Nunes captivated participants with her engaging and informative presentation on corporate readiness. Leveraging her extensive expertise, Nunes delved into the difficulties of navigating the corporate landscape, offering valuable insights into the expectations and challenges

professionals might encounter. Drawing from real-world examples and industry knowledge, she provided attendees with practical strategies to enhance their readiness for the corporate world.

Technical session on MLOps

The Technical Session on MLOps held on June 10, 2023, was a significant event that shed light on the integration of Machine Learning Operations (MLOps) within the context of the evolving digital landscape. The session was graced by esteemed speakers, Mahesh Kumar Bangalore Chandranna and Nishant Narayan Singh, who provided valuable insights and perspectives on this emerging field.

Attendees gained insights into Cognizant's approach to MLOps, learning about the organization's strategies and methodologies for leveraging machine learning to optimize business operations. The speakers also discussed industry best practices, offering practical guidance drawn from real-world experiences to assist attendees in implementing MLOps within their organizations effectively.



Figure 2.3 Speaker Profile



Figure 2.4 Speaker Profile

The session emphasized the transformative potential of MLOps in today's 'Phygital' world, where physical and digital boundaries are increasingly blurred. Attendees were encouraged to embrace MLOps as a means to drive innovation and gain a competitive advantage in their respective organizations. The session provided valuable insights and actionable strategies for leveraging MLOps effectively in the evolving digital landscape.



Figure 2.5 Poster

The session yielded positive outcomes including an enhanced understanding of MLOps, insights into Cognizant's approach, practical guidance on implementation drawn from industry best practices, recognition of MLOps' transformative potential in the 'Phygital' world, and inspiration for innovation. Attendees left the session equipped with knowledge and inspiration to effectively integrate machine learning into operational workflows, driving innovation and competitive advantage within their organizations.

Career in IT

The session commenced with Ejaz Mohammed Pallikkalakathu, Digital Engineering Leader at Cognizant, sharing his insights and expertise on the vast landscape of IT careers. Throughout the session, Ejaz aimed to enlighten the audience about the diverse opportunities available within the IT sector and provide guidance for those aspiring to embark on a career in this field. Ejaz emphasized the transformative power of IT careers in shaping the future and driving innovation across various industries. Ejaz highlighted the integral role of IT professionals in harnessing technology to address challenges, create solutions, and propel global progress.



Figure 2.6 Resource Person

Attendees gained valuable insights into the multitude of career pathways within the IT domain, ranging from software development and cybersecurity to data analysis and digital transformation. Ejaz elaborated on the unique challenges and opportunities associated with each career path, empowering individuals to make informed decisions based on their interests and skill sets. Drawing from his extensive experience as a Digital Engineering Leader at Cognizant, Ejaz provided real-world examples and case studies to illustrate the importance of digital capabilities and business reinvention in today's competitive landscape. He underscored the need for organizations to embrace digital transformation as a strategic imperative for survival and growth in the digital age.

Moreover, Ejaz shared his passion for mentorship and team building, emphasizing the value of cultivating a culture of collaboration, continuous learning, and innovation within organizations. Ejaz encouraged attendees to actively seek mentorship opportunities and leverage the collective expertise of their peers to accelerate their professional development and achieve their career goals.

In short, the session served as a platform for attendees to gain invaluable insights, inspiration, and practical advice from an industry leader like Ejaz Mohammed Pallikkalakathu. By shedding light on the diverse opportunities, challenges, and best practices within the IT industry, the session empowered attendees to chart their paths and pursue rewarding careers in IT with confidence and purpose.

CHAPTER 3
PLACEMENT TRAINING ORGANISED

Date	Details	Resource Person/Company
1-Apr-2023	Quantitative Aptitude Day 1	Pragmatix Learning Edutech Pvt. Ltd.
2-Apr-2023	Quantitative Aptitude Day 2	Pragmatix Learning Edutech Pvt. Ltd.
9-June-2023	Logical Reasoning Day 1	Pragmatix Learning Edutech Pvt. Ltd.
10-June-2023	Logical Reasoning Day 2	Pragmatix Learning Edutech Pvt. Ltd.
11-June-2023	Recruitment Essentials	Pragmatix Learning Edutech Pvt. Ltd.
17-June-2023	School to College Transition Program Day 1	Know-Up Knowledge Foundation
18-June-2023	School to College Transition Program Day 2	Know-Up Knowledge Foundation
7-Oct-2023	Verbal Ability Day 1	Pragmatix Learning Edutech Pvt. Ltd.
8-Oct-2023	Verbal Ability Day 2	Pragmatix Learning Edutech Pvt. Ltd.
7-Oct-2023	Quantitative Aptitude and Logical Reasoning Day 1	CGP Career Avenues
8-Oct-2023	Quantitative Aptitude and Logical Reasoning Day 2	CGP Career Avenues
19-Jan-2024	Problem Solving Day 1	Pragmatix Learning Edutech Pvt. Ltd.
20-Jan-2024	Problem Solving Day 2	Pragmatix Learning Edutech Pvt. Ltd.
31-Jan-2024	ULTS Pattern Training	Jay's Academy

Quantitative Aptitude Day 1

Date: 1-Apr-2023

Training organization: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2020-24

Placement training programs play a crucial role in preparing students for job interviews and employment opportunities. One of the key areas covered in such training is quantitative aptitude, which assesses a candidate's ability to solve mathematical problems efficiently. This report outlines the specific topics covered in quantitative aptitude training for students, focusing on numbers, percentages, averages, time and work, and pipes and cisterns.

Quantitative Aptitude Topics Covered:

Numbers:

- Understanding properties of numbers, including prime numbers, composite numbers, even and odd numbers.
- Divisibility rules and concepts related to factors and multiples.
- Simplification and approximation techniques for numerical calculations.

Percentages:

- Basics of percentages and their applications in various contexts.
- Percentage increase and decrease calculations.
- Profit and loss problems involving percentages.

Averages:

- Concept of averages and their significance in data analysis.
- Calculation of simple and weighted averages.

- Application of averages in solving problems related to age, marks, and other quantitative data.

Time and Work:

- Fundamental concepts of time and work problems.
- Work efficiency and productivity calculations.
- Problems involving multiple workers and varying work rates.

Pipes and Cisterns:

- Understanding the flow of water in pipes and cisterns.
- Calculation of time taken to fill or empty a cistern.
- Problems involving pipes working together or individually.

Methodology:

The training sessions were conducted through a combination of lectures, interactive problem-solving sessions, and practice exercises. Real-world examples and case studies were used to illustrate the application of quantitative aptitude concepts in practical scenarios. Students were encouraged to participate actively and engage in hands-on problem-solving activities to reinforce their learning.

Conclusion:

Quantitative aptitude is a critical skill for success in job placements and competitive examinations. By covering essential topics such as numbers, percentages, averages, time and work, and pipes and cisterns, the placement training program aimed to equip students with the necessary mathematical skills and problem-solving techniques required to excel in interviews and secure employment opportunities. Continued practice and reinforcement of these concepts enhance students' proficiency in quantitative aptitude and contribute to their overall success in the professional world.

Quantitative Aptitude Day 2

Date: 2-Apr-2023

Training organization: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2020-24

The quantitative aptitude training program expanded its coverage to include advanced topics such as Time, Speed, and Distance; Boats & Streams, Permutation, Combination, Probability, Profit & Loss, and Partnership. These topics are critical for students aspiring to excel in job interviews and competitive examinations. The program aimed to provide a comprehensive understanding of these concepts through a combination of theoretical learning, practical problem-solving, and real-world applications.

Time, Speed, and Distance; Boats & Streams:

- Students were introduced to the fundamental principles governing time, speed, and distance calculations.
- Concepts of relative speed and their application in solving problems involving multiple moving objects were explored.
- Special emphasis was placed on scenarios related to boats and streams, including downstream and upstream motion calculations.

Permutation, Combination, Probability:

- The training delved into the realms of permutation and combination, elucidating their significance in combinatorial mathematics.
- Students learned techniques for calculating permutations and combinations in various contexts, such as arrangements and selections.

- Probability theory was introduced, covering basic probability concepts, including sample spaces, events, and probability calculations.

Profit & Loss, Partnership:

- Profit and loss problems were tackled comprehensively, encompassing scenarios involving cost price, selling price, and profit/loss percentage calculations.
- Strategies for solving partnership problems, including profit sharing and investment distribution among partners, were elucidated.
- Real-world case studies were utilized to illustrate the application of profit & loss and partnership concepts in business scenarios.

The training methodology remained consistent with previous sessions, employing a blend of theoretical instruction, interactive problem-solving sessions, and practical exercises. Students were encouraged to actively engage with the material and apply learned concepts to solve real-world problems.

In conclusion, the expansion of the quantitative aptitude training program to include advanced topics such as Time, Speed, and Distance; Boats & Streams, Permutation, Combination, Probability, Profit & Loss, and Partnership reflects a commitment to providing students with a comprehensive skill set essential for success in job placements and competitive examinations. Through rigorous training and practical application, students are equipped with the necessary quantitative aptitude skills to excel in interviews and secure lucrative employment opportunities in various sectors. Continued practice and reinforcement of these concepts are emphasized to ensure sustained proficiency and long-term success in the professional arena.

Logical Reasoning Day 1

Date: 9-June-2023

Training organization: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2020-24

In addition to quantitative aptitude, the placement training program extended its focus to encompass crucial logical reasoning topics, including Clocks and Calendars and Data Sufficiency. These topics are indispensable for students aiming to excel in various competitive examinations and job interviews. The program aimed to equip students with a comprehensive understanding of these concepts, fostering their ability to analyze and solve complex problems efficiently.

Clocks and Calendars:

- Students were introduced to the fundamentals of clocks and calendars, including their significance in timekeeping and scheduling.
- Concepts such as clock arithmetic, time calculations, and calendar calculations were elucidated.
- Special emphasis was placed on solving problems involving time discrepancies, time intervals, and calendar dates.

Data Sufficiency:

- The training delved into the realm of data sufficiency, focusing on the ability to determine whether the given data is sufficient to answer a particular question.
- Students were acquainted with various types of data-sufficiency questions encountered in competitive examinations and interviews.

- Strategies for analyzing and evaluating the sufficiency of data sets were imparted, along with techniques for efficiently solving data sufficiency problems.

The training methodology maintained its rigor, employing a combination of theoretical instruction, interactive problem-solving sessions, and practical exercises. Real-world examples and case studies were utilized to illustrate the application of logical reasoning concepts in diverse scenarios.

In conclusion, the inclusion of logical reasoning topics such as Clocks and Calendars and Data Sufficiency in the placement training program underscores the importance of a well-rounded skill set for success in job placements and competitive examinations. Through comprehensive training and practical application, students are equipped with the analytical and problem-solving skills necessary to navigate complex challenges with confidence. Continued practice and reinforcement of these concepts are emphasized to ensure sustained proficiency and readiness for the demands of the professional arena.

Logical Reasoning Day 2

Date: 10-June-2023

Training organization: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2020-24

The placement training program broadened its scope to include essential logical reasoning topics such as Syllogisms, Logical Deductions, Coding and Decoding, and Alpha-numerical Series. These topics are vital for students preparing for competitive examinations and job interviews, as they enhance analytical thinking and problem-solving abilities. The program aimed to provide students with a solid foundation in these areas through theoretical learning, practical exercises, and application-oriented training.

Syllogisms and Logical Deductions:

- Students were introduced to the principles of syllogisms, which involve drawing logical conclusions from given premises.
- The training covered various types of syllogistic reasoning, including categorical syllogisms and conditional syllogisms.
- Logical deductions, which involve deriving new information from given premises using deductive reasoning, were explored in depth.
- Strategies for analyzing and evaluating the validity of logical arguments were imparted to students.

Coding and Decoding, Alpha-numerical Series:

- The program delved into the domain of coding and decoding, which involves deciphering patterns or rules to decode encoded messages.
- Students learned techniques for deciphering various types of codes, such as letter shifting, letter substitution, and numerical encoding.
- Alpha-numerical series, which entail identifying patterns in sequences of letters and numbers, were also covered.
- Strategies for identifying and extending patterns in alpha-numerical series were elucidated to enhance students' problem-solving skills.

The training methodology remained consistent with previous sessions, incorporating theoretical instruction, interactive problem-solving sessions, and practical exercises. Real-world examples and case studies were utilized to illustrate the application of logical reasoning concepts in diverse contexts.

In conclusion, the inclusion of logical reasoning topics such as Syllogisms, Logical Deductions, Coding and Decoding, and Alpha-numerical Series in the placement training program underscores the importance of developing analytical thinking and problem-solving skills. Through comprehensive training and practical application, students are equipped with the tools necessary to tackle complex challenges with confidence. Continued practice and reinforcement of these concepts are emphasized to ensure sustained proficiency and readiness for success in competitive examinations and job interviews.

Recruitment Essentials

Date: 11-June-2023

Training organization: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2020-24

The placement training program recognized the importance of equipping students with essential recruitment skills beyond technical knowledge. As such, it incorporated comprehensive modules on Group Discussion (GD), Personal Interview (PI), and Resume Building to prepare students for the multifaceted challenges of job placements.

Group Discussion:

- Students were introduced to the dynamics of group discussions and their significance in the recruitment process.
- The program covered strategies for effective participation in GDs, including articulating viewpoints clearly, active listening, and respectful engagement with fellow participants.
- Techniques for structuring arguments, presenting logical reasoning, and fostering consensus were imparted to students.

Personal Interview:

- The training program focused on preparing students for personal interviews, a crucial stage in the recruitment process.
- Students learned strategies for showcasing their strengths, accomplishments, and suitability for the desired role during interviews.
- Interview etiquette, including professional demeanor, body language, and communication skills, were emphasized.

Resume Building:

- The program addressed the importance of crafting an impressive resume that effectively highlights students' qualifications, experiences, and achievements.
- Students were guided through the process of structuring and formatting resumes to enhance readability and impact.
- Strategies for tailoring resumes to specific job roles and industries were provided.
- Personalized feedback and guidance were offered to help students create compelling resumes that stand out to recruiters.

The training methodology incorporated a blend of theoretical instruction, interactive workshops, role-playing exercises, and personalized feedback sessions. Real-world examples and case studies were utilized to illustrate best practices and common pitfalls in each aspect of recruitment essentials.

In conclusion, the incorporation of modules on Group Discussion, Personal Interviews, and Resume Building in the placement training program underscores the importance of holistic preparation for job placements. By equipping students with the necessary skills and confidence to excel in these areas, the program enhances their employability and readiness for the recruitment process. Continued

practice, feedback, and refinement of these skills are emphasized to ensure students' success in securing rewarding employment opportunities.

School to College Transition Program Day 1

Date:17-June-2023

Training organization: Know-Up Knowledge Foundation

Batch: 2022-26

The first day of the School to College Transition Program, organized by the Know-Up Knowledge Foundation, was packed with valuable insights and interactive sessions aimed at preparing students for the journey ahead in their academic and professional lives.

Introduction to Engineering Branches:

The session began with an insightful exploration of the diverse branches of engineering. Participants gained a nuanced understanding of each field, including its scope, applications, and unique challenges. This introductory segment aimed to help students make informed decisions regarding their academic paths.

Behavior Modification and Attitude Alignment:

Following the discussion on engineering branches, the program delved into personal development aspects. Participants engaged in activities focused on behavior modification, aligning attitudes conducive to academic success, and fostering a growth mindset. The goal was to instill in students the importance of adaptability and resilience in navigating the transition from school to college.

Self-Motivation and Confidence Building:

Recognizing the significance of self-motivation and confidence in achieving academic goals, the program dedicated a segment to these crucial attributes. Through interactive exercises and discussions, students learned strategies for maintaining motivation and cultivating self-assurance amidst academic challenges.

Industry Interface and Career Opportunities:

In the latter part of the day, the focus shifted towards industry interface and career prospects in engineering. Experts from the industry shared insights into emerging trends, job roles, and growth opportunities within various sectors. This session aimed to broaden students' understanding of the real-world applications of engineering and to inspire them to pursue their passions in alignment with industry demands.

Placement Orientation:

The day concluded with a comprehensive orientation on placements. Students received guidance on resume building, interview preparation, and soft skills development essential for securing internships and job placements in the future. This segment aimed to equip students with practical tools and strategies to enhance their employability and career readiness.

In short, Day 1 of the School to College Transition Program facilitated by the Know-Up Knowledge Foundation provided participants with a holistic perspective on engineering academia, personal development, industry insights, and career preparation. The interactive and informative sessions set a strong foundation for students embarking on their college journey, empowering them to navigate academic and professional challenges with confidence and competence.

School to College Transition Program Day 2

Date:18-June-2023

Training organization: Know-Up Knowledge Foundation

Batch: 2022-26

Day 2 of the School to College Transition Program continued to focus on essential skills aimed at preparing students for success in their college journey. The day's sessions covered a range of topics

including goal setting, first impressions, body language, stage fear reduction, personal grooming & hygiene, and verbal & non-verbal communication skills. Students engaged in interactive discussions to understand the significance of setting both short-term and long-term goals. Practical exercises were conducted to help students identify their personal goals and create actionable plans to achieve them.

First Impression:

The importance of making a positive first impression was emphasized through real-life examples and scenarios. Students participated in role-playing activities to practice introducing themselves confidently and professionally.

Body Language:

Sessions focused on the impact of body language on communication and relationships.

Students learned techniques to improve their body language, such as maintaining eye contact, adopting an open posture, and using gestures effectively.

Stage Fear Reduction:

Strategies for managing and reducing stage fright were discussed, including relaxation techniques and positive visualization.

Practical exercises were conducted to help students gradually overcome their fear of public speaking and performing in front of an audience.

Personal Grooming & Hygiene:

The importance of personal grooming and hygiene in college and professional settings was highlighted.

Practical tips were provided on maintaining a neat appearance and cultivating good personal hygiene habits.

Verbal & Non-Verbal Communication Skills:

Sessions focused on enhancing both verbal and non-verbal communication skills.

Students practiced active listening, clarity in speech, and using appropriate gestures to convey messages effectively.

Day 2 of the School to College Transition Program was highly informative and engaging, providing students with valuable skills and insights to navigate their college journey successfully. The interactive nature of the sessions encouraged active participation and fostered a positive learning environment.

Quantitative Aptitude and Logical Reasoning Day 1

Date:7-Oct-2023

Training organization: CGP Career Avenues

Batch: 2021-25

Session 1: Topics Covered: Number System, Time and Work, Pipe and Cisterns

Description: The first session of the day focused on laying the foundation for understanding the number system, time and work, and pipe and cisterns concepts. Participants engaged in learning various methods and techniques to tackle problems related to these topics. Emphasis was placed on understanding the principles behind these concepts and applying them effectively in problem-solving scenarios.

Activities:

- Introduction to basic concepts of the number system including integers, fractions, and decimals. Techniques for solving time and work problems involving multiple individuals or varying work rates.
- Strategies for approaching pipe and cistern problems, including understanding inflow and outflow rates.

Session 2: Topics Covered: Ratio Proportion, Percentage, Profit and Loss

Description: The second session delved into the realms of ratio, proportion, percentage, profit, and loss. Participants explored the fundamental principles underlying these concepts and learned techniques to solve related problems efficiently. The session emphasized practical applications of ratio, proportion, percentage, and profit and loss calculations in real-life scenarios.

Activities:

- Understanding the concept of ratios and proportions and their significance in solving various types of problems.
- Exploring different methods for calculating percentages and applying them in diverse contexts.
- Learning strategies for computing profits and losses and understanding their implications in business transactions.

Students showed enthusiasm and actively participated in the sessions. They demonstrated a willingness to learn and engage with the concepts, which facilitated a conducive learning environment. The trainers provided clear explanations and practical examples, aiding the participants in grasping the concepts effectively. Further practice and reinforcement of these topics are recommended to solidify understanding and enhance problem-solving skills.

Quantitative Aptitude and Logical Reasoning Day 2

Date:8-Oct-2023

Training organization: CGP Career Avenues

Batch: 2021-25

Session 3: Topics Covered: Clocks and Calendar, Directions, Coding and Decoding

Description: The third session of the day introduced participants to concepts related to clocks and

calendars, directions, and coding and decoding. The session aimed to enhance their problem-solving skills and logical reasoning abilities. Participants engaged in understanding the principles behind these topics and practiced solving a variety of problems to reinforce their learning.

Activities:

- Exploring methods for solving problems involving clocks and calendars, including calculating time intervals and determining dates.
- Understanding the principles of directions and practicing solving problems related to finding directions and distances.
- Introduction to coding and decoding techniques and applying them in deciphering patterns and codes.

Session 4:

Topics Covered: Time Speed Distance, Problems on Trains and Boats

In the fourth session, participants delved into the concepts of time, speed, and distance, with a focus on solving problems related to trains and boats. The session aimed to develop participants' ability to analyze and solve problems involving relative motion and distances covered over time. Participants engaged in practical exercises to apply the concepts learned.

Activities:

- Understanding the relationship between time, speed, and distance and applying relevant formulas to solve problems.
- Practicing problem-solving techniques for calculating distances traveled by trains and boats, considering various factors such as speed and time.
- Exploring scenarios involving relative motion and applying concepts to determine meeting points and crossing times.

Students showed continued dedication and enthusiasm throughout the day's sessions. They demonstrated a growing understanding of the concepts introduced and actively participated in problem-solving activities. The trainers provided clear explanations and guidance, facilitating a conducive learning environment. Further practice and reinforcement of these topics are recommended to strengthen understanding and proficiency in aptitude skills.

Verbal Ability Day 1

Date:7-Oct-2023

Training organization: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2020-24

In addition to quantitative and logical reasoning skills, the placement training program recognized the significance of verbal ability in the recruitment process. Therefore, it encompassed essential verbal ability topics such as Reading Comprehension and Vocabulary to enhance students' language proficiency and communication skills.

Reading Comprehension:

- The program focused on developing students' ability to comprehend and analyze written passages effectively.
- Strategies for skimming and scanning passages to identify key information were imparted.
- Students learned techniques for extracting main ideas, identifying supporting details, and understanding the author's tone and purpose.
- Practice exercises and mock tests were provided to enhance students' reading speed, comprehension, and retention.

Vocabulary:

- The training program aimed to expand students' vocabulary repertoire, recognizing its importance in communication and comprehension.
- Students were introduced to various methods for acquiring new words, including reading extensively, using context clues, and employing mnemonic devices.
- Emphasis was placed on learning and understanding word roots, prefixes, and suffixes to decipher unfamiliar words.
- Vocabulary-building exercises, quizzes, and word lists were provided to reinforce learning and retention.

The training methodology employed a combination of theoretical instruction, interactive exercises, and practical applications to reinforce verbal ability skills. Real-world examples and passages from diverse fields were utilized to expose students to different writing styles and topics.

In conclusion, the inclusion of verbal ability topics such as Reading Comprehension and Vocabulary in the placement training program underscores the importance of effective communication and language skills in the recruitment process. By enhancing students' reading comprehension and vocabulary proficiency, the program prepares them to tackle verbal reasoning sections of competitive examinations and interviews with confidence. Continued practice and exposure to diverse reading materials are emphasized to further enhance students' verbal ability skills and readiness for success in the professional arena.

Verbal Ability Day 2

Date: 8-Oct-2023

Training organization: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2020-24

The placement training program extended its coverage to include crucial verbal ability topics such as Sentence Completion and Para jumbles, as well as Sentence Correction. These topics are essential for developing students' language proficiency and communication skills, which are integral to success in competitive examinations and job interviews.

Sentence Completion and Parajumbles:

- The program focused on enhancing students' ability to understand and manipulate sentences effectively.
- Strategies for identifying the logical sequence of sentences in parajumbles were imparted.
- Students learned techniques for identifying transitional phrases, topic sentences, and supporting details to arrange sentences logically.
- Sentence completion exercises were provided to improve students' understanding of sentence structure and coherence.

Sentence Correction:

- The training program aimed to refine students' grammar and syntax skills through sentence correction exercises.
- Common grammatical errors such as subject-verb agreement, tense consistency, and pronoun usage were addressed.
- Students learned strategies for identifying and rectifying errors in sentence structure,

punctuation, and word choice.

- Practice exercises and quizzes were provided to reinforce grammatical rules and improve students' proficiency in sentence correction.

The training methodology incorporated a blend of theoretical instruction, interactive exercises, and practical applications to reinforce verbal ability skills. Real-world examples and sentences from diverse contexts were utilized to expose students to different writing styles and grammatical structures.

In conclusion, the inclusion of verbal ability topics such as Sentence Completion and Para jumbles, as well as Sentence Correction, in the placement training program underscores the importance of strong language skills in the recruitment process. By enhancing students' ability to construct coherent sentences and correct grammatical errors, the program prepares them to excel in the verbal reasoning sections of competitive examinations and interviews. Continued practice and exposure to diverse linguistic contexts are emphasized to further enhance students' verbal ability skills and readiness for success in the professional arena.

Problem solving Day 1

Date: 19-Jan-2024

Training organization: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2020-24

The objective of the problem-solving session was to evaluate candidates' understanding of basic programming concepts in C, including variable declaration, conditional statements, loops, and user input/output. The session began with a brief introduction to the problem-solving process and emphasized the importance of fundamental programming skills in job placements. Candidates were presented with simple programming problems covering concepts such as basic arithmetic operations, conditional statements, loops, user input/output, and optional function definition and invocation.

Candidates were instructed to write C programs to solve the given problems, adhering to standard coding conventions and best practices. They were encouraged to use meaningful variable names, provide clear comments, and ensure proper code formatting. The session began with a brief introduction to the problem-solving process and emphasized the importance of fundamental programming skills in job placements. Candidates were presented with simple programming problems covering concepts such as basic arithmetic operations, conditional statements, loops, user input/output, and optional function definition and invocation.

Candidates were instructed to write C programs to solve the given problems, adhering to standard coding conventions and best practices. They were encouraged to use meaningful variable names, provide clear comments, and ensure proper code formatting. The problem-solving session enabled the assessment of candidates' proficiency in core programming concepts and problem-solving skills. While most candidates demonstrated competence in basic arithmetic operations, conditional statements, and user input/output handling, some encountered challenges with understanding and applying loop constructs effectively, maintaining consistent variable naming conventions, and using standard input/output functions such as `scanf()` and `printf()`.

The basic problem-solving session in C served as an effective tool for evaluating candidates' understanding of core programming concepts and problem-solving skills. By assessing candidates' proficiency in fundamental programming constructs, the session identified areas for improvement and readiness for job placements.

Problem solving Day 2

Date: 20-Jan-2024

Training organization: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2020-24

The objective of the advanced problem-solving session was to evaluate candidates' ability to tackle complex programming challenges and demonstrate proficiency in advanced programming concepts, data structures, algorithms, and problem-solving strategies. The advanced problem-solving session commenced with an introduction to the session's objectives, emphasizing the importance of advanced programming skills in competitive job markets. Candidates were presented with a series of challenging programming problems covering a wide range of topics, including:

- Data Structures: Arrays, Linked Lists, Stacks, Queues, Trees, Graphs.
- Algorithms: Sorting, Searching, Dynamic Programming, Greedy Algorithms, Divide and Conquer.
- Problem-Solving Techniques: Recursion, Backtracking, Memoization, Branch and Bound.

Candidates were instructed to implement efficient solutions to the given problems using the C programming language. They were encouraged to analyze the problem statement, devise an algorithmic approach, and write clean and optimized code. Emphasis was placed on algorithmic efficiency, code readability, and adherence to best coding practices. Upon completion of each problem, candidates were asked to explain their approach, analyze the time and space complexity of their solutions, and discuss any optimizations or alternative approaches. The advanced problem-solving session enabled the assessment of candidates' proficiency in advanced programming concepts and problem-solving skills. Candidates demonstrated the ability to devise efficient solutions to complex problems, effectively utilizing data structures, algorithms, and problem-solving techniques.

ULTS Pattern Training

Date: 20-Jan-2024

Training organization: Pragmatix Learning Edutech Pvt. Ltd.

Batch: 2020-24

The ULTS Pattern Training program has concluded, having fulfilled its objectives of preparing candidates for placement examinations through a comprehensive focus on pattern recognition and problem-solving techniques. Throughout the program, candidates were acquainted with various pattern types, and equipped with efficient solving strategies, and their problem-solving skills and cognitive abilities were enhanced. Employing a diverse methodology, the program extensively covered topics ranging from introduction to patterns to advanced concepts like mixed patterns. Lectures, practice exercises, and mock tests were utilized to reinforce learning and assess candidates' proficiency. Additionally, interactive components such as group discussions and Q&A sessions facilitated peer learning and addressed candidates' queries effectively.

As a result of the program, candidates are expected to have achieved improved pattern recognition, enhanced problem-solving skills, and increased confidence in tackling pattern-based questions. Ultimately, the program aimed for improved placement success by providing candidates with structured training and practice, thereby enhancing their proficiency and confidence in pattern-related problem-solving. With the program now concluded, candidates are encouraged to continue practicing and reinforcing learned concepts to maintain their skills and readiness for future placement examinations, ensuring their sustained success in the competitive job market.

CHAPTER 4

CONCLUSION

In conclusion, the Career Guidance & Placement Unit (CGPU) has accomplished significant milestones throughout the Academic year 2023-24 by successfully organizing numerous events. Our greatest achievement lies in the positive impact made on new students, guiding their dreams and aspirations in the right direction. While we celebrate our successes, we also recognize the shortcomings and flaws from the past year. However, we have taken proactive steps to address these issues and ensure improvement moving forward. With a commitment to continuous growth and learning, we believe that there is still much more that can be achieved. We remain dedicated to enhancing the effectiveness of our efforts and contributing positively to the development and success of our students.

CHAPTER 5

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