Moodlakatte Institute of Technology

TRAINING AND PLACEMENT CELL

TOPIC
Q-Spiders Placement Training
Organized On 11th June 2022 – July 7th 2022
Resource Person **Harshan/Akshay/Kashinath**
Contact Details **9611528505**
Participants
Branch/ Section: 6th Semester CSE,ECE Number of Students: 59

Brief Activity/Event Report of MoU signed with between **"QSpiders Campus Connect"a unit of Test Yantra Software Solutions India Pvt Ltd"**

1	Name of the Activity/Event:	Technical Grooming
2	Venue:	MIT Kundapura
3	Date:	11th June 2022 To July 7th 2022
4	Topic:	SQL/Core Java, Python & Programming
5	Nature of Participants:	CSE ,ECE,MECH.EEE Final Sem Students
6	Number of Participants:	59
7	Staff Coordinator:	2
8	Resource Person(s):	Harshan/Akshay/Kashinath

9 **Brief Summary of Activity/Event:**

   c. **Objective:**

- Provide a comprehensive understanding of SQL and its applications in database management.
- Enhance the students' knowledge and proficiency in Core Java programming.
- Develop a solid foundation in Data Structures & Algorithms, enabling students to design efficient and optimized solutions.
- Aptitude training for engineering students aims to enhance their cognitive and problem-solving abilities, preparing them for academic success, as well as for their professional careers.

   d. **Technical Description:**

The SQL training module aimed to equip students with the necessary skills to work with databases. The topics covered during the training included:

- Introduction to SQL and its importance in database management.
- Understanding database concepts such as tables, relationships, and constraints.
- Writing SQL queries to retrieve, manipulate, and update data.
- Performing advanced operations like joining multiple tables, subqueries, and aggregate functions.

programming skills using the Java language. The training covered the following topics:

- Introduction to Java programming language and its features.
- Syntax, data types, variables, and operators in Java.
- Control statements: loops, decision-making, and branching.
- Object-oriented programming concepts: classes, objects, inheritance, polymorphism, and encapsulation.
- Exception handling, file I/O operations, and multi-threading.
- Introduction to Java collections and generic programming.
- Graphical User Interface (GUI) development using Java Swing.

Aptitude Training :

Improving Problem-Solving Skills: Aptitude training focuses on developing analytical and critical thinking skills.

Preparing for Competitive Exams: Many engineering students aspire to take competitive exams for further studies or job placements. Aptitude training often includes practice for exams like the GRE, GATE, CAT, etc., which have aptitude and reasoning sections.

c. Outcome:

The following are the key outcomes and benefits achieved through the training:

Comprehensive Understanding of SQL:

- Students gained a thorough understanding of SQL and its role in database management.
- They learned to write SQL queries to retrieve, manipulate, and update data in databases.
- Students became familiar with advanced SQL operations such as joining tables, subqueries, and aggregate functions.
- They developed knowledge of database normalization and design principles.
- Proficiency in Core Java & Programming:
- Students acquired a strong foundation in Java programming language and its features.
- They gained proficiency in writing Java code, including syntax, data types, variables, and operators.
- Students learned about control statements, object-oriented programming concepts, and exception handling in Java.
- They became proficient in file I/O operations, multi-threading, and Java collections.

The technical training program on SQL, Core Java ,Python & Programming, for final year students of CSE and ECE yielded several positive outcomes and benefits. The outcomes of a Python programming training program can greatly impact participants' skills, knowledge, and career prospects. The program aimed to enhance the students' technical knowledge, programming skills, and problem-solving abilities.

d. Summary of feedback:

Students: Students appreciated the comprehensive coverage of the training program, which included SQL, Core Java & Programming, and Data Structures & Algorithms. They felt that the program provided them with a well-rounded understanding of these important subjects.

Trainer: The students' overall performance and engagement were highly satisfactory. Their willingness to learn, eagerness for practical application, and collaborative spirit contributed to a successful training program. The students' strong grasp of the concepts, problem-solving abilities, and positive attitude reflect their potential for success in their future endeavors.

e. Action to be taken based on feedback:

Advanced Java Training to also be included in the next training program.

23rd May	24th May	25th May	26th May	27th May	28th May	30th May	31st May	1st June	2nd June	3rd June	4th June
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