



# Moodlakatte Institute of Technology

TRAINING AND PLACEMENT CELL

<b>TOPIC</b> <b>Q-Spiders Placement Training</b>	
<b>Organized On</b> Dec 6 <sup>th</sup> 2021 – Dec 23 <sup>rd</sup> 2021	
<b>Resource Person</b> Harshan/Akshay/Kashinath	
<b>Contact Details</b> 9611528505	
<b>Participants</b>	
Branch/ Section: 6th Semester CSE,ECE,MECH,EEE	Number of
Students: 62	

1	Name of the Activity/Event:	Technical Grooming
2	Venue:	MIT Kundapura
3	Date:	Dec 6 <sup>th</sup> 2021-Dec 23 <sup>rd</sup> 2021
4	Topic:	SQL/Core Java, Python & Programming
5	Nature of Participants:	6th Semester CSE,ECE,MECH,EEE
6	Number of Participants:	63
7	Staff Coordinator:	2
8	Resource Person(s):	Harshan/Akshay/Kashinath
9	<p><b>Brief Summary of Activity/Event:</b></p> <p><b>a. Objective:</b></p> <ul style="list-style-type: none"> <li>• Provide a comprehensive understanding of SQL and its applications in database management.</li> <li>• Enhance the students' knowledge and proficiency in Core Java programming.</li> <li>• Develop a solid foundation in Data Structures &amp; Algorithms, enabling students to design efficient and optimized solutions.</li> <li>• 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.</li> </ul> <p><b>b. Technical Description:</b></p> <p>The SQL training module aimed to equip students with the necessary skills to work with databases. The topics covered during the training included:</p> <ul style="list-style-type: none"> <li>• Introduction to SQL and its importance in database management.</li> <li>• Understanding database concepts such as tables, relationships, and constraints.</li> <li>• Writing SQL queries to retrieve, manipulate, and update data.</li> <li>• Performing advanced operations like joining multiple tables, subqueries, and aggregate functions.</li> <li>• Introduction to database normalization and database design principles.</li> </ul> <p><b>Core Java &amp; Programming (60 hours):</b></p>	

- The Core Java & Programming module focused on strengthening the students' 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.

**Outcome:**

**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 collect

**Outcome :**

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.

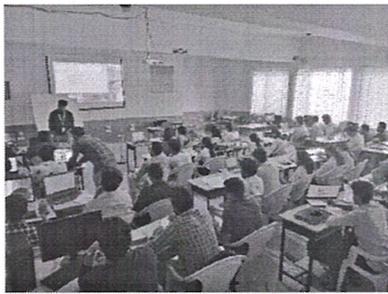
**c. Summary of feedback:**

**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.

**1 Photographs:**

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*Principal*

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