



## **RECRUITMENT NOTICE FOR GAP, GL & PTI (2025-26 Odd) - DBRAIT**

Selected candidates shall be eligible for an amount of Rs.1000/- per hr for theory and Rs.500/- per hr for practical classes not exceeding Rs.25,000/- per month for Guest Lecturer (Diploma Program). Selection will be based on the performance of the candidates in the Demo theory and practical class. **The candidates shall report to the ACADEMIC CELL at least 30 minutes prior to the scheduled time.**

| S. No | Details of requirement | Educational Qualification                                               | Date and time                       |                                    |
|-------|------------------------|-------------------------------------------------------------------------|-------------------------------------|------------------------------------|
|       |                        |                                                                         | Practical                           | Theory                             |
| 1     | Guest Lecturer (CO/IT) | First class B.E./B.Tech., from recognized university in relevant course | 12.09.2025<br>9:30 am to 12:00 noon | 12.09.2025<br>03:00 pm to 03:30 pm |

### **TOPICS:**

| <b>THEORY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>PRACTICAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| <b>Advance Computer Network</b> <ul style="list-style-type: none"><li>➤ Routing Protocols – Intra-domain Routing (Distance Vector Routing), Link State Routing (OSPF), Inter-domain Routing (Path Vector Routing - BGPv4)</li></ul> <b>Data Structure using C</b> <ul style="list-style-type: none"><li>➤ Searching - Linear Search &amp; Binary Search</li><li>➤ Sorting - Selection Sort, Insertion Sort</li><li>➤ Linked list - Singly Linked list</li></ul> <b>Object Oriented Programming using C++</b> <ul style="list-style-type: none"><li>➤ Constructor and Destructors</li><li>➤ Inheritance</li><li>➤ Polymorphism</li></ul> | <ul style="list-style-type: none"><li>➤ Implement RIP in CISCO packet tracer</li><li>➤ Sub-netting</li><li>➤ Implement sorting algorithm in C</li><li>➤ Algorithm program in C using linked list</li><li>➤ Write program in C++ for parameterized constructor</li><li>➤ Write program in C++ for copy constructor</li><li>➤ Write a programs using single level inheritance</li><li>➤ Write a programs using multilevel inheritance</li><li>➤ Formula and functions in worksheet</li></ul> |



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