Non-Teaching Staff Recruitment

(Advertisement No. IITT/STAFFREC/02/2023 dated 23-08-2023)

Syllabus for JTS (Computer Science and Engineering)

1. Linux Operating System: Commands, administration, shell scripting, remote configuration, and Installation and maintenance of Linux and Windows operating systems on physical and virtual machines

2. Computer Network: Network protocols, Network protocol analyzers (such as Wireshark), Routing and switching, Network design, Network security

3. Database and Web programming: Database design and normalization, SQL programming, Working with MySQL, HTML, Frontend and backend programming

4. Software Tools and Technologies: Integrated Development Environments, Version control systems (e.g., Git), Text editors (e.g., Vim)

Exam components for JTS (CSE):

Level - I

    Screening Test (MCQ type with Negative marking): Both technical questions and logical/analytical aptitude questions.

Level - II

  A. **Written Test (**Descriptive type): Understanding and application of knowledge.

  B. **Practical Test:** Practical usage with more emphasis on command-line usage, as applicable.

Level - III

    Trade Test (Pass/Fail nature, minimum 50% score is required to Pass): Basic working with Linux systems, Computer, and Networks

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