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## Computer Science SYLLABUS FOR Ph.D. ENTRANCE TEST

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Research Methodology, Applied Mathematics, C programming, Object Oriented programming, Java Programming, Computer Organization and Architecture, Data Communication, Computer Network, Wireless Communications, Network Security, Data Structures, Operating System, System Software, Database Management System, Analysis and Design of Algorithms, Theory of Computation, Internet of Things (*IOT*), Linux Internals, Software Engineering, Object Oriented Modeling and Design Patterns, Digital Image Processing, Artificial Intelligence and Pattern Recognition.



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