Computer Science Course History

A solid background in the areas below is important to succeed in our graduate program. Please enter the college and university level courses that you have taken, are taking currently, or that you plan to take before entering this department in the areas listed below.

CS: Compilers / Programming Languages

Course Title Compilers	Textbook Compilers: Principles, Techniques, and Tools by Alfred V. Aho, Monica S. Lam, Ravi Sethi, and Jeffrey D. Ullman		
Institution K. K. Wagh Institute of Engineering Education & Research, Nashik	Semester 8	Grade O	Credit 03
Course Title Fundamentals of Programming Languages I & II	Textbook The C Programming Language by Brian Kernighan and Dennis Ritchie, The C++ Programming Language by Bjarne Stroustrup		
Institution K. K. Wagh Institute of Engineering Education & Research, Nashik	Semester 1, 2	Grade O, A	Credit 02 + 02
Course Title Principles of Programming Languages	Textbook Sebesta R., "Concepts of Programming Languages"		
Institution K. K. Wagh Institute of Engineering Education & Research, Nashik	Semester 4	Grade O	Credit 03

CS: Data Structures & Algorithms

Course Title Data Structures and Algorithms	Textbook Horowitz and Sahani, —Fundamentals of Data Structures in C++, Brassard & Bratley, —Fundamentals of Algorithmics		
Institution K. K. Wagh Institute of Engineering Education & Research, Nashik	Semester 3	Grade A+	Credit 04
Course Title Advanced Data Structures	Textbook M Folk, B Zoellick, G. Riccardi, —File Structures, Peter Brass, —Advanced Data Structures		
Institution K. K. Wagh Institute of Engineering Education & Research, Nashik	Semester 4	Grade A+	Credit 04
Course Title Design & Analysis of Algorithms	Textbook Parag Himanshu Dave, Himanshu Bhalchandra Dave, "Design And Analysis of Algorithms"		
Institution K. K. Wagh Institute of Engineering Education & Research, Nashik	Semester 6	Grade A+	Credit 04

CS: OS / Networking / Distributed Systems

Course Title Systems Programming & Operating Systems	Textbook John Donovan, "System Programming", Silberschatz, Galvin, Gagne, "Operating System Principles"		
Institution K. K. Wagh Institute of Engineering Education & Research, Nashik	Semester 6	Grade A+	Credit 04
Course Title Computer Networks	Textbook Andrew S. Tenenbaum, "Computer Networks", Fourauzan B., "Data Communications and Networking"		
Institution K. K. Wagh Institute of Engineering Education & Research, Nashik	Semester 5	Grade A+	Credit 04
Course Title	Textbook		
Institution	Semester	Grade	Credit