ACCREDITED BY NAAC WITH 'A' GRADE

VEL TECH RANGARAJAN DR. SAGUNTHALA
R&D INSTITUTE OF SCIENCE AND TECHNOLOGY
(VEL TECH Dr. RR & Dr. SR TECHNICAL UNIVERSITY)

University u/s 3 of UGC Act, 1956
Avadi, Chennai

Vel Tech Dr. RR & Dr. SR Technical University, Chennai
in collaboration with
Centre For Development of Advanced Computing (C-DAC), Pune

Announces M.Tech Admissions in:

M.Tech degree is extended over a period of two academic years, with each year comprising of 2 semesters in which 1st year at VelTech and 2nd year at CDAC. Classes will be conducted by CDAC R&D experts & ICT Industry experts.

M.Tech - CSE
(High Performance Computing Solutions)

The goal of this course is to give you solid foundations for developing, analyzing, and implementing parallel and locality-efficient algorithms. This course focuses on theoretical underpinnings. To give a practical feeling for how algorithms map to and behave on real systems, we will supplement algorithmic theory with hands-on exercises on modern HPC systems, such as OpenMP on shared memory nodes, CUDA for graphics co-processors (GPUs), and MPI models for distributed memory systems. The techniques you'll encounter covers the main algorithm design and analysis ideas for three major classes of machines: for multicore and many core shared memory machines, via the work-span model; for distributed memory machines like clusters and supercomputers, via network models; and for sequential or parallel machines with deep memory hierarchies (e.g., caches).

M.Tech - ECE
(VLSI & Embedded System Design)

The VLSI and Embedded Systems M.Tech. program will cover the fundamentals and engineering aspect of designing and developing IC based systems. Traditionally VLSI technology has emerged out as a successful conglomeration of two streams: material science and electrical engineering. The state of the art VLSI technology requires research in physical devices as well as novel design and development of electrical circuit. The program will focus on developing hands-on skill of designing semiconductor devices and circuits, architecting systems using embedded components such as, CPU, memory and peripherals. Students will be trained in several topics that cut across different domain, starting from lowermost level of physical devices to the top level of application development.

Eligibility Criteria

For CSE: Bachelor's Degree in Engineering or Technology in CSE/ IT/ ECE/ E&I/ EEE/ E&TC/ MCA/ M.Sc Computer or its equivalent
For ECE: Bachelor's Degree in Engineering or Technology in E&TC/ ECE/ EEE/E&I/ M.Sc Electronics or its equivalent

Companies visited on campus

Atos, Capgemini, Coriolis Technologies, fujitsu Consulting, Giesecke & Devrient, Gilbarco Veeder Root India, Harmon, HotWax Systems, IGATE Global Solutions, Innoplexus Consulting, ITC Infotech, Knorr-Bremse Technology, KPIT Technologies, Mediaocean Asia, Mindstix Software, Mobis India, NEC Technology, Paragyte, Prototech, Quick Heal, Rediff, Reflexis, Robert Bosch, Sears IT, Siemens Technology, Silicus Technologies, Spectross, SQS, Sungard, Syntel, Tech Mahindra, Whirlpool, Xpanxion, Yardi Software, Yash Technologies

Enquiry Office

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C-DAC Office

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Entrance examination & counseling will be conducted during the month of June/July. Classes will commence in the month of August.

www.veltechuniv.edu.in; acts.cdac.in