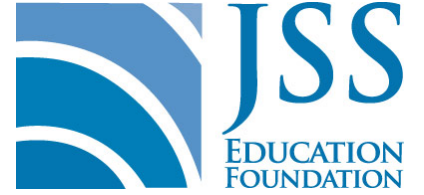


M.TECH (SOFTWARE ENGINEERING)



M.TECH | (SOFTWARE ENGINEERING)

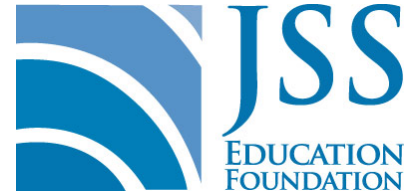
M.TECH

M.S.C (ICT)

M.TECH (S.ENG.G.)

IT CERTIFICATION PROGRAMME

HEALTHCARE MANAGEMENT



M.TECH | (SOFTWARE ENGINEERING)

Introduction and Overview

One of India's most trusted educational institutions; the JSS Education Foundation proudly carries with itself a heritage of building careers. For over 5 decades now, at over 300 educational centers including 3 of the nation's best-known engineering colleges, the JSS Foundation has consistently provided scores of promising cadets a launch pad to the world of technology, commerce and healthcare field.

Rooted in the heartland of information technology – Bangalore, Karnataka, the institution now announces its presence in the Middle East with its new educational center at Dubai's Knowledge Village, JSS Education Foundation. The academy offers the eager young minds working and studying in the region a chance to tap into the values of a disciplined educational system through one of the most innovative teaching modes today online education and blended learning.

M. Tech in Software Engineering

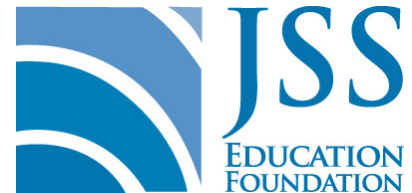
program is a master's level degree program that offers both senior working professionals as well as graduates an opportunity to acquire an entire array of technological skills that are currently in demand by organizations and applicable to diverse spectrums in the field.

M.Tech degree program exposes students to a wide range of courses, combined with specialized research which culminates in a thesis. Such a combination gives students the breadth and depth necessary for pursuing careers in academics as well as industry.

What Can a Student Do with an M.Tech Degree?

M.Tech degree is a desirable qualification for our young engineers seeking a rewarding professional career. Moreover, almost every business that's positioning itself to be competitive in the new "Information Economy" uses high-tech communication systems.

The M.Tech offers the students many pros that can be summarized as follows:



M.TECH (SOFTWARE ENGINEERING)

- M.Tech degree leads to specialization and furthering of interest in a certain area which may lead to PhD
- M.Tech degree is a must for those wishing to apply for Faculty/Research positions in educational Institutes/R&D centers.
- The M.Tech program is a 4 semester (24 months) program; so get more time to work out career opportunities.
- Higher salaries are being offered for M.Tech as compared to B.E.
- MOST IMPORTANTLY to get to be a part of any Nationally reputed Educational Institute and enjoy learning and research.

M.Tech Qualifications

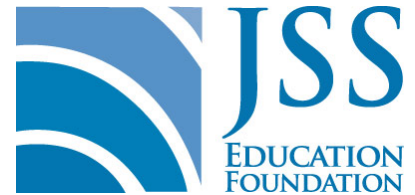
The M.Tech Curriculum consists of 30 credit hours of courses, in which a range of elective courses in areas such as management, business, and software process, and the Software Development Studio can be taken by the student.

M.Tech courses are designed for everyone from young students to senior managers. Their emphasis on student-based learning and practical achievement means that students can enter their workplace with confidence and assurance.

JSS qualifications have always been respected by employers and professional organizations because they are relevant to the workplace. Indeed, when developing new JSS qualifications, more effort is put with key players in the sector, such as, Excel Soft & UKS, to give students the best chance of gaining a good position in the workplace. This qualification is developed in a very special way that blends the best of on-line learning with the most essential elements of face-to-face learning.

Key Program Features

- On-line teaching and learning takes place at the JSS premises in Knowledge Village Dubai, from the working place of the student, or from the student's home.

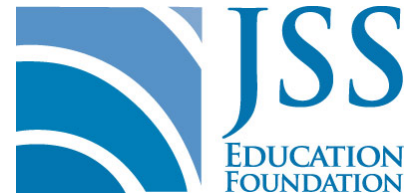


M.TECH (SOFTWARE ENGINEERING)

- A key feature of JSS courses is the self-study element.
- The Program is supported by state-of-the-art multimedia, such as satellite-linked interactive teleconferencing sessions; computer based testing facilities, online interactive tutorial sessions with both faculty experts and peers; through CD ROMs and Internet access.
- The face-to-face element of the course enables proper support and counseling to take place.
- The program itself is delivered and updated by JSS EF India in collaboration with VTU , Visveswaraiah Technological University.
- M.Tech provides students with an excellent opportunity to directly enter the academic sector as tutors of information and technology subjects, if academia is the other alternative.

Eligibility Requirement:

- Bachelor 's degree in Engineering(B.E./ B.Tech.) awarded by a recognized university



M.TECH (SOFTWARE ENGINEERING)

Program Details

It is anticipated that the majority of students will complete the program in the following sequence and time frame.

Semester I

- Advanced Software Engineering I
- Advanced DBMS and Distributed Database
- Advanced Operating System and Distributed Computing
- Advanced Client Server Computing
- Cryptography and Network Security

Semester II

- Advanced Software Engineering II
- Internet Technology
- Multimedia Communications
- Wireless Mobile Communications
- Operating Systems Internals

Semester III & IV

- Project – Thesis

All students has to participate in a project thesis on a subject agreeable to the student and the advisor.