



Jamal Mohamed College (Autonomous) Trichy

Department of Information Technology

B.Sc. Information Technology

Students will be able to

- ✚ Apply modern technical concepts and practices in the core information technologies and integrate IT-based solutions into the user environment.
- ✚ Identify and analyze user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems and solve business world problems using information technology.
- ✚ Recognize the professional, ethical, legal, security and social issues and responsibilities and creation of an effective project plan.
- ✚ Transcribe in business environments in a variety of contexts and make effective presentations.
- ✚ Demonstrate working knowledge of programming, data structures, computer network paradigms, data mining, software testing and multimedia animation



Jamal Mohamed College (Autonomous) Trichy

M.Sc. Information Technology

Students will be able to

- ✚ Demonstrate foundational knowledge on .NET technology. Data structures, Algorithms, Java programming, Web services and software testing.
- ✚ Develop and implement optimal solutions to complex computing problems using industry-recognized best practices and standards.
- ✚ Apply ethical decision making and societal concerns in the development, implementation, and management of IT systems and cyber security.
- ✚ Combine analytical logical and technical aspects to resolve issues in artificial intelligence, machine learning and real time problems.
- ✚ Identify employment prospects in local and international companies or business enterprise and/or competitive exams.