DELHI COLLEGE OF ENGINEERING
BAWANA ROAD, DELHI-110042

ABOUT D.C.E

With a history stretching back over 67 years, providing technical education within a modern educational environment and strong academic staff, DCE is strongly identified with engineering education in India. Since its inception and foundation ,DCE has constantly lead the way in reform movements, and in the latter era of Republic of India, DCE has assumed pivotal roles in the reconstruction, modernization, and administration of the society. The efforts and expertise of DCE graduates have been major contributors in the planning and construction of India's infrastructure.

DCE is an institution which defines and continues to update methods of engineering and architecture in India. It provides its students with modern educational facilities while retaining traditional values, as well as using its strong industrial contacts to mould young, talented individuals who can compete in the global arena. The aim of DCE is to rank among leading universities globally. Consequently, DCE`s mission is to educate individuals to be competitive not only in India, but all over the world. Within an intensely competitive environment, the college has adopted a dynamic, global, high-quality, creative and communicative approach in education, as well as research and development.

Keeping abreast with modern developments, DCE is constantly restructuring itself and renovating its physical infrastructure as well as its research and education facilities

Department of Information Technology

The recent advancements in the areas of computers, software, networks, internet, communication technology, distributed computing has made huge amount of information available to us. In this high-tech era, information is something without which industry and individuals cannot survive and their success depends on the ability to acquire accurate and timely information. The recent years have seen the area of Information Technology growing rapidly. It deals with dynamic analysis of evolving plethora of information and applying it towards the manipulation of design and development of communication strategies.

Keeping this in mind Delhi College Of Engineering started a B.E. degree level program in Information Technology from academic session 2002-2003 with an intake of 60 students. Emphasis of B.E Information Technology curriculum is on computer science, software development, networking, communication, web engineering, security, hardware design and management. Specialized knowledge on the analysis and design of information system is important component of Information Technology curriculum so as the student are to able to meet the challenges faced by today's industries. The world is increasingly dependent on networked information and communication technologies. But, with growing dependency, new threats to network and information security have emerged; in addition, there is an ever-growing vulnerability to Cyber Crime. Keeping in view the phenomenal growth in information Security, the department is expecting to start M.Tech program in Information Security .

The Department of Information Technology has state-of-art laboratories in the various disciplines such as computer networking lab., Information security lab, satellite communication lab., microwave Cad lab., optical communication lab., web engineering lab., advanced signal processing lab., embedded system lab. The thrust areas of the department are communication technology, computer networking, optical communication, data mining and data warehousing. Faculty of department is involved in the research in the above-mentioned areas and several papers have been published in national/ international journals.

2 days national seminar on Information Security is being organized on 02 and 03 February, 2009, at Delhi College of Engineering, Delhi. The training will be conducted by Department of Information Technology, DCE. Lectures by invited speakers from industry and academia with long standing experience on the subject will be arranged.

SCOPE- Due to the inherent complexity of large number of systems, systematic study is needed for arriving at a verifiable implementation which can be related to international standards.

The main objective of the seminar is the quick review of building blocks such as OS, networks, crypto systems, security standards, security policies, public key infrastructures. Understanding different software threats, or malicious programs, we study Firewall design principles to build perimeter protection from threats and attacks. We also briefly study different security levels such as system security, user security, program security, network security, wireless security. At the end of the course the participant will have good understanding of Information security Planning, Implementation and Management.

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