Delhi College of Engineering

66 years of Innovation & Excellence in Technical Education

DCE

PROSPECTUS 2007-2008

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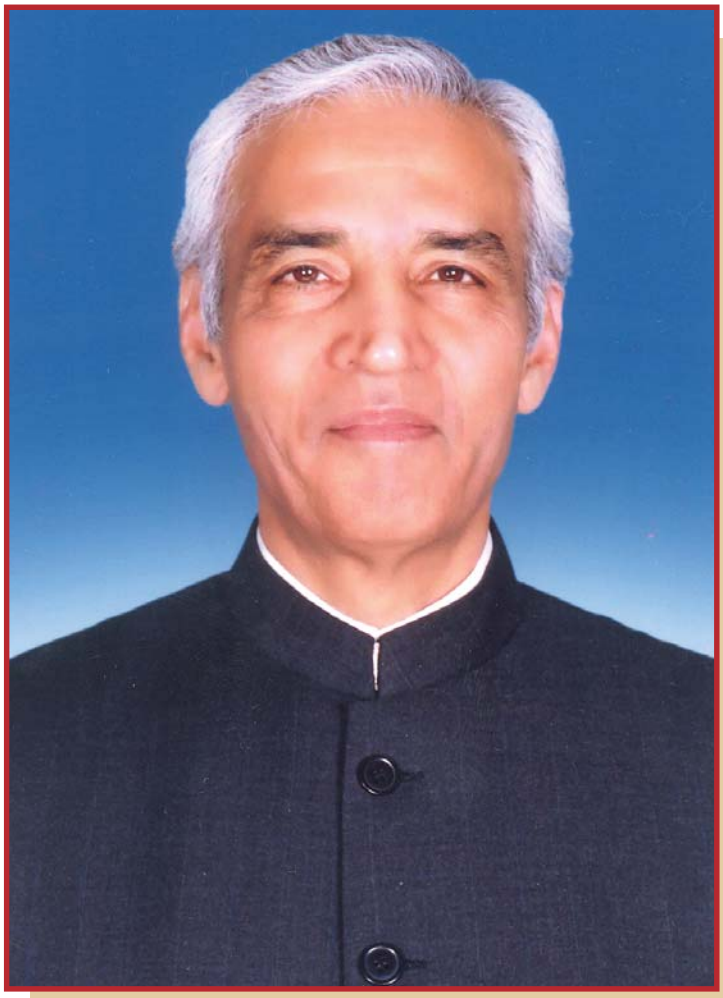


His Excellencey Shri Tejendra Khanna

Lt. Governor, Delhi

Important Dates

(Concerned with the Admission Process)

ACTIVITY	B.E.	M.E./M.Sc.	Ph.D
Date of release of Application Form for the admission	15.06.2007 Friday	15.06.2007 Friday	15.06.2007 Friday
Last date for request of Application Form by post to reach the College	25.06.2007 Monday	28.06.2007 Thursday	17.07.2007 Tuesday
Last date for sale of Application Form at DCE (upto 1.00 p.m.)	04.07.2007 Wednesday	09.07.2007 Monday	30.07.2007 Monday
Last date for receipt of completed form to reach the college (upto 4.00 p.m.)	04.07.2007 Wednesday	09.07.2007 Monday	30.07.2007 Monday
Counselling starts	11.07.2007 Wednesday	—	—
Registration and Teaching start for Ist SEM	01.08.2007 Wednesday	01.08.2007 Wednesday	
Last date for Admission	31.08.2007 Friday	31.08.2007 Friday	—

On the day of registration students are required to bring three passport size photograph for the identity card and registration

Chairman, Admission Committee
Prof. A. Trivedi
Civil Engineering Department
DELHI COLLEGE OF ENGINEERING
Bawana Road, Delhi-110 042
Ph.: 011-27871018 • Fax : 91-11-27871023

SMT. SHIELA DIKSHIT
Hon'ble Chief Minister
Government of NCT Delhi

Sh. Ramesh Narayanaswami
Chief Secretary
Govt. of NCT Delhi

Dr. G Narendra Kumar
Secretary (TTE)
Govt. of NCT Delhi

Prof. Deepak Pental
Vice-Chancellor
University of Delhi

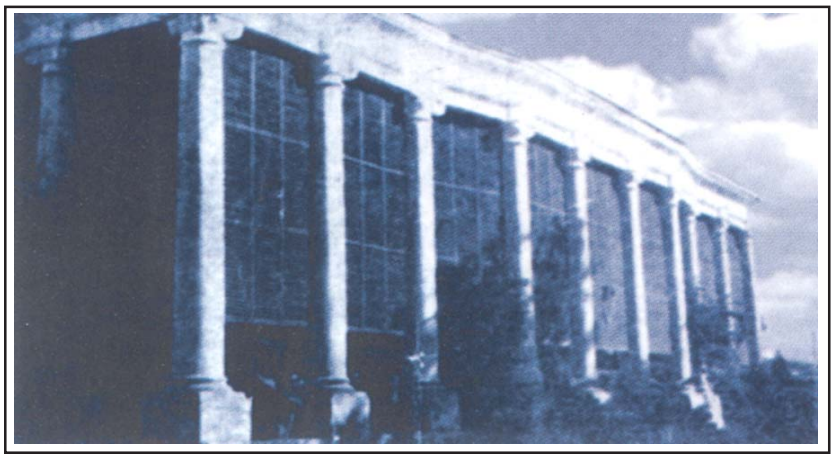
DCE

DCE *today imparts education & training in* ***10 BRANCHES FOR BACHELOR OF ENGINEERING*** *Degree program with an intake of 670*

PG *education in 11 specialized fields of* ***ENGINEERING & APPLIED SCIENCE*** *intake 200*

B. Tech *(Part-time) Degree Program for* ***IN-SERVICE DIPLOMA ENGINEERS*** *with an intake of 120*

and ***25 Ph.D.*** *Research Schoarships and, Supervision and* ***updating of Engineering Knowledge*** *under CEP*



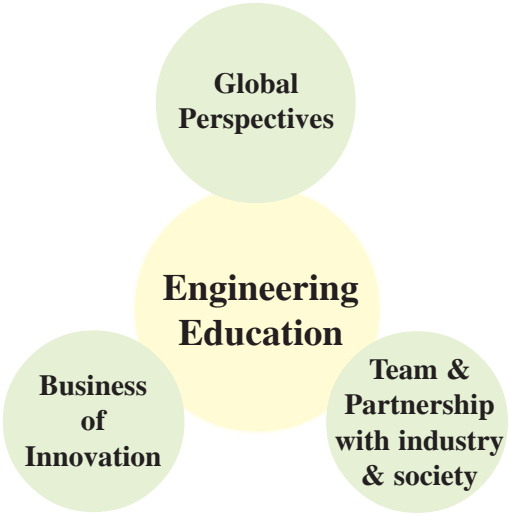
The main building of the Technical High-School-Delhi Polytechnic was, in 1639, the library of Dara Shikoh and the colonnaded portico was added by Sir David Ocherlony, British Resident at the Moughul Court, at the beginning of the 18th century.

Aerial view of Academic Blocks of DCE new campus at Bawana Road, Delhi, splendid and sprawled over 165 acres of land, earned best architecture award from Indian Building Congress, & an inspiration to the talented students and qualified faculty to foster unison and thrill of engineering in a tech savvy campus.

TheApplied Science Block, with new laboratories at the rear, houses the Department of Chemical Engineering and Textile Technology, Art and Architecture of Delhi Polytechnic, which was later earmarked for Department of Applied Chemistry & Polymer Technology, now houses the Office of The Chief Election Commissioner, Delhi

From the Desk of Principal

Prof. D. Goldar, Principal DCE



Engineering education must evolve to keep pace with mighty changes 'Occurring today in business, industry, and society. Engineers must develop attributes and knowledge beyond traditional constraints of the classroom. Engineering education must be designed to accommodate current trends and future needs. We must enhance the flexibility of curricula. Engineering education must create more connections and stronger partnership with the global society in which we are embedded. We must examine the relevance of curricula and strive for fulfillment of university, college, and professional missions.

Our goal is to articulate the role of engineering education in the early part of the 21st century and to establish design specifications that will enable the Delhi College of engineering to be a leader in shaping the future of engineering education. As such we have an obligation to address the full range of higher education, namely: teaching and learning, research, and service to the community. Indeed these three elements must be totally integrated if we are to be effective in the pursuit of our mission.

Engineering and technology play a dominant role in manufacturing, including the manufacturing or processing associated with agricultural products. It should also be clear that engineering expertise and technology are major contributors to mining, construction, transportation and infrastructure. Use of current technologies creation of new technologies are at the heart of the engineering profession. Engineering education must have an eye on the fruits of the profession's labour. Designing our educational program towards these ends will have a tremendous impact on the viability of the profession in practice. In the last quarter century, technology and society exhibited two defining characteristics: namely increasing rates of change and increasing complexity.

Successful commercial technologies have changed in one basic way over the past quarter century: they have become more complex. In 1970, nearly 60 percent of the world's top exports were simple products that could be designed and manufactured through relatively simple processes or methods. It is these top exports that generate the most wealth for a country or region. Again, engineering education must be intimately familiar with the **"business**" of innovation.

The themes outlined above apply more broadly than just to the engineering profession. Consequently, another major element in our design of engineering education is **teamwork and partnership.** The team we now envision is a partnership of scientists, engineers, business people, and society's leaders. It is through these partnerships that the rapid pace and increasing complexity of technology designed to serve society will flourish.

The Delhi College of Engineering has determined its uniqueness in order to be an effective agent of change in engineering education for the 21st century. Our mission consists of three-part, education, research, and service. Furthermore, university tradition is one of inclusion and openness, both in the students we educate and the society we serve. Our commitment is demonstrated by proper concern for the intellectual and personal well being of our students. Clear evidence for this point is found in the deep affection and high regard by which our alumni hold the Delhi College of Engineering. Because we are a large and comprehensive college of engineering, we have a demonstrable impact on the technology and economic well being of the state and nation. In terms of enrollment and technical survey, we are in one of the top 10 engineering institutes in India. Our programmes range from basic professional degree education to advance study leading to a doctorate. One notable competitive advantage is the high-quality student population attracted to our institution. We can offer these students a comprehensive educational experience. And the industry and government agencies that hire our students receive the very best quality graduates. Our contacts with industry, the large participation of students in professional organizations, namely, IEEE, SAE, ASHRAE, ASME, SEM SOCC, SPE & IET etc. and the college's connections with other educational institutions in the country are testimony to the breadth of our institution. The Delhi College of Engineering has a history of seeking partnerships with government and industry in both research and service.

Engineering education for the future will be based on three fundamental requirements:

1. Practice-oriented while firmly on three fundamental requirement:
2. Learning-based
3. Integrative and holistic

The nature of the engineering profession revolves around the practice of engineering and is firmly

rooted in fundamentals. Indeed "To the engineer falls the job of clothing the bare bones of science with life, comfort and hope". Engineering is a practical profession much like the domain of the physician. Certainly the underlying theories of medicine, anatomy, pharmacy, etc. are a necessary aspect of the education of medical doctors. However, no medical education is complete without a firm grounding in the practice of medicine in real life-and-death circumstances. Similarly, the engineer's education is firmly rooted in science, engineering science and design, and the very necessary social sciences and humanities that define the society in which we operate. But it is the practical training that allows the engineer to "doctor" to the technical needs of society. Traditionally, we have left a good portion of the practical training of our profession to industry. Industry has taken our raw engineering graduates and give them the necessary training to accomplish the assigned job, and over the time, an engineer becomes a "seasoned professional". Whereas we, in the academy, have largely focused on engineering science to the extent we have created a profession largely taught by non-practitioners.

There is change in the wind, however. Industry is no longer willing to take on the role of an engineering finishing school, and for very good reasons.

- First, global competition is driving organizations to streamline their operations and education is a process not easily implemented in today's business.

- Second, education is the main business of the university, but it is not the main business of a highly competitive, for profit, technology-oriented enterprise.

- Third, as noted earlier, the pace of innovation is so fast that the education community must be involved in the practice of engineering or we are likely to lose our relevance.

It is important to note that it is not the university alone that must shoulder the responsibility of the practical training of its graduates and the practical experience of its faculty. Industry must shift from being a customer only to being a partner in this practical education of the engineer. Again, using the analogy of the medical profession, doctors in training "do rounds" with experienced physicians in real hospitals. We must create a similar environment in industry where engineers in training can look over the shoulders of experienced engineers/professors while they instruct and do real engineering.

It is critically important for us to design an engineering education that is centered on the learner for at least two reasons: First, it is now impossible to teach in four or even five years all the information and skills required of engineers; and Second, education based on the learner rather than the teacher is far more effective.

The tremendous increase in the complexity of technologies and the enormously rapid increase in the knowledge base that supports technology guarantee that we cannot teach in our curricula all the facts required by the engineering graduate. Our goal in a learning-oriented education is to encourage students with the ability to learn and grow as professionals. Instead of "covering all the required information" (an impossible task in today's world), let us focus on giving students the ability to learn what is needed independent of us. Traditionally, engineering education has been teaching-based. In the teaching-based mode, the instructor is all that really matters and the student takes a passive role. An extreme, negative aspect of the teaching-based philosophy of education shows up , when the process acts as a filter of students rather than an educator of students. Ample evidence exists that this form of education is at best inefficient and at worst ineffective. Finally, our design of engineering education for the 21st century must emphasize the integrating or synthesizing nature of engineering. And, our design of engineering education must recognize the holistic nature of the synthesis. Again it is said "The essence of engineering... is .the process of integrating all knowledge to some purpose. In a poetic sense the engineer must be adept at correlating exactitude with chaos to bring Visions into focus".

Engineering Education Program for 21st Century must demonstrate that their graduates have:

a. an ability to apply knowledge of mathematics, science, and engineering

b. an ability to design and conduct experiments, as well as to analyze and interpret data

c. an ability to design a System, component, or process to meet desired needs

d. an ability to function on multi-disciplinary teams

e. an ability to identify, formulate, and solve engineering problems

f. an understanding of professional and ethical responsibility

g. an ability to communicate effectively

h. the broad education necessary to understand the impact of engineering solutions in a global and societal context

i. a recognition of the need for, and an ability to engage in life-long learning

j. a knowledge of contemporary issues

k. an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

A major goal for our college is to have graduates that have the above abilities and knowledge and know how to expand their knowledge and abilities.

We will promote an **open, honest, and participatory** administration where mutual trust is earned. We will endeavor to **decentralize authority and empower** our departments, faculty, and staff so that decisions can be made by those closest to the point of focus. Authority and responsibility will be coupled. We will endeavor to **align the goals** of the university, college, departments, and faculty. Our **reward system will be consistent** with the niission and goals of our institution. We will create an environment where faculty and staff are encouraged to **continue to develop as professionals.** We will employ the following sound engineering methods to our administration: i) Embrace technology as it applies to our business. ii) Evaluate progress toward goals using meaningful measurements of outcomes. iii) Continually improve our methods of operation iv) Function with an understanding of the importance of timely and thoughtful actions. Administrators in the college will supply **leadership at all levels** of engineering education, both inside the university and outside in the larger context of our professions. We will embrace **diversity and global perspectives** in Engineering Education.

I extend a very warm welcome to all the students who wish to join DCE & NSIT from academic session 2007-2008. I assure all of you that you will be fully equipped with the state-of-the art theoretical knowledge, innovative and creative practical skills and entrepreneurial attitudes to achieve brilliant success in life.

I wish grand success to all of you and your endeavour of higher technical education at DCE and NSIT,

Prof. D. Goldar
Principal

VISITS BY DIGNITARIES

Shri Oscar Fernandes, Honble Minister of Labour Govt. of India and Dr. G. Narendra Kumar, Secrtary (TTE), Govt. of NCT Delhi deliberating with principal, DCE during valedictory function of DCE Festival Week

Shri Oscar Fernandes, H'ble Minister of Labour (Govt. of India) and his wife Mrs. Fernandes, Dr. G. Narendra Kumar, Secretary TTF (Govt. of NCT Delhi) with Principal, Chairman & student members of DCE cultural council

Dr. A.K. Walia, Hon'ble Minister F&P, UP & PWD, Govt. of NCT Delhi, inaugurates the Annual DCE Cultural Festival 2007 alongwith Mr. Karnal Singh, Jt. Commissioner, Delhi Police, Dr. G. Narendra Kumar, Secretary (TTE), Govt. of NCT Delhi & Prof. D. Goldar, Principal, DCE

DELHI COLLEGE OF ENGINEERING

66 Years of Innovation & Excellence in Technical Education

Mission

- To create and sustain an academic environment conducive to **academic and professional excellence.**
- To provide **world class quality technical education** to the inspired youth who join the institute through tough competition.
- To create environment to foster **technology incubation and relevant R&D.**
- To foster **enterprising spirit** among the students.
- To create avenues for technical education and research in **new and emerging technology areas**.
- To create a **technology savvy campus** and to impart **value based education.**
- To create **synergetic partnership with industries** and R&D organizations.

OBJECTIVES:

1. To provide world class quality technical education in engineering and science disciplines.
2. To promote R&D in frontal areas of science & technology.
3. To nurture innovative and creative abilities of students and faculty.
4. To foster enterprising spirit among the students.
5. To establish facilities for technology incubation and promote techno entrepreneurship.
6. To network with leading national and international institutions, R&D organizations and professional bodies.
7. To develop faculty competence to meet the challenges of rapidly changing technological environment.
8. To promote industrial consultancy and sponsored R&D.
9. To strengthen relations with the alumni and involve them in the development of the institute.
10. To transfer the benefits of S&T advancement to the society.

GOALS:

1. To produce high quality, professionally well prepared human resource in engineering and technology disciplines.
2. To adapt in curriculum innovation commensurate to technology changes on regular basis.
3. To transform selected laboratories into world class test houses.
4. To establish facilities for technology incubation and innovation management.
5. To carry out industrially relevant R&D and foster research culture in the laboratories.
6. To establish centers of advanced studies in areas of relevance to national economy.
7. To promote techno-entrepreneurship.
8. To develop synergetic partnership with the industries.
9. To promote e-leaming and e-governance in the institute.
10. To promote continuing education programs (CEP) to in service teachers and working professionals.
11. To promote all round development of students & create a sense of social responsibility.
12. To foster strong academic interactions and exchanges for the benefit of students and faculty.

1.0 INTRODUCTION

1.1 Historical Background

Delhi College of Engineering is one of the premier colleges of Engineering education in India and has played unique and important role in the advancement of technical education. Established in 1941 as Delhi Polytechnic, DCE has played the role of mother institution in establishing IIT Delhi, SPA Delhi, College of Pharmacy Delhi, College of Arts Delhi, NSIT Delhi & many more institutions.

From the very beginning, DCE focused on imparting engineering education, highly relevant for the Indian industries to meet their demand of trained manpower with practical experience and sound theoretical knowledge. One of the very important vision of the DCE is to have very strong relationship with the industries, understand their needs, make students acquainted with hands on training, and prepare the students for industries culture from very first day of their employment. This has paid the dividend and today the student office are in high demand by the industries with -each student having two or more offers; the campus employment being over 200%.

The Delhi polytechnic consisted of a technical high school and specialized senior department, which offers courses in the following disciplines:

1. Arts
2. Architecture
3. Commerce
4. Engineering
5. Applied Science (Chemical Engineering & Technology)
6. Textiles

All-India Certificate, All-India Diploma, Senior Diploma and Advanced Diploma were awarded to the students. In addition, pre-engineering course was also available to matriculates. All these courses were having one very important feature- *the student must undergo all thorough practical course of training in commercial firms, mills or factories as an integral part of*

the curriculum. The main building of the Technical High School was, in 1639, the library of **Dara Shikoh** and the colonnaded portico was added by Sir David Ochterlony, British Resident at the Moghul Court, at the beginning of the 18th century. Prof. Walter William Wood, the father of technical education in India became the founder Principal of Delhi Polytechnic and the institute organized Inaugural Meeting of the Association of Principals of Technical Institutions of India, which was participated by John Sargent Esq. the then Educational Commissioner, GOI; S.M.M. Jaffery Principal Osmania Technical College Hyderabad, Dr. A.H. Pandya Principal Bengal Engineering College Sibpur; C.R.Gerrard Esq. Principal JJ School of Art Bombay; E.K. Ramaswamy Esq. Principal College of Engineering Banglore; P.N.Joshi Principal Victoria Jubilee Technical Institute Bombay; P.C.Dutt Esq. Principal Summer Valley Technical Institute Sylhet; C.Forrester Esq. Principal Indian School of Mines Dhanbad; A.C.Sahgal Esq. Principal Kala Bhawan Technical Institute Baroda; Mukul Dey Esq. Principal Government School of Art Calcutta" which was presided by W. W. Wood Esq. Principal Delhi Polytechnic Delhi. The National Diploma awarded by the Delhi Polytechnic was considered equivalent to B.E. Degree by the then UPSC.

Affiliation to Delhi University

Prof. S. C. Sen, a highly dynamic & visionary principal who took over in 1949 approached University of Delhi for affiliation and starting Bachelor of Engineering degree courses. Professor D. S. Kothari, the then Dean Faculty of Science, University of Delhi was on the advisory board of Delhi polytechnic. The efforts of Prof. Sen and Prof. Kothari resulted into the introduction of B.E. degree in Mechanical Engineering, Electrical Engineering, Chemical Engineering and Textile Engineering in the year 1952. B.E. degree in Civil Engineering was introduced in 1955. In addition to merit of qualifying examination, test and/or interview were held for the selection of candidates for admission.

Delhi College of Science & Technology

In 1958 Government of India decided to convert Delhi Polytechnic into Delhi College of Science & Technology. More than 200 acres of land was allocated; new and grand building came up, but later on the name IIT Delhi was given to the Institute. Functioning of IIT started in 1962; Textile Engineering and Chemical Engineering Departments of Delhi Polytechnic were shifted en-block to IIT Delhi and became part of it. On the persistent demand of Delhi population Delhi Polytechnic remained at Kashmere Gate. .In 1960, Department of Architecture was separated from the college and it became School of Planning and Architecture and now

it is a Deemed University. Pre-engineering courses were abolished in 1962 and the engineering courses were re- named as B.Sc. Engineering. The duration of courses were increased from 4 years to 5 years and the minimum qualification was higher secondary or equivalent with English, Physics, Chemistry and Mathematics.

New Beginning under Delhi Government

Up till 1962, the college was under the direct control of Ministry of Education, Government of India. Since 1963, Delhi Polytechnic was taken over by the then Delhi Administration and Chief Commissioner Delhi was the ex-officio Chairman of the College. It became a Union Territory College and 75% of seats were reserved for the candidates who passed their qualifying examination from a school situated in the Union Territory of Delhi. In 1963, Department of Arts became College of Arts and Department of Commerce & Business Administration was converted to several institutes of Commerce & Secretarial Practices. Fragmentation of Delhi Polytechnic ultimately left behind an engineering institute alone. In 1965, the Delhi Polytechnic was renamed as Delhi College of Engineering and became the first engineering college of Delhi. The journey of engineering education continued and the intake of the college was enhanced from 200 to 250 that year. Professor S.C. Sen, the then Principal led the college successfully to become a unique institute of higher technical education and research. “M. Sc. (Civil Engineering specialization in Structure) full time (2 yr. duration) and part-time (3 yr. duration) courses were introduced in 1966. Prof J.N. Moudgill took over as principal in 1968, and expanded the P.G education by introducing M.Sc. Engineering courses in Electrical and Mechanical Engineering from the academic session 1971. He was later called by Govt of India to establish MACT Bhopal.

The year of 1972 exhibited an enormous growth in the academic activities of the college under the leadership of Professor R. C. Narayan. B.Sc. (Engineering) course of 5 years duration was introduced in Electronics & Communication Engineering. All the departments started M.Sc. and Ph.D. programs. In 1973, the Department of Electrical Engineering introduced M.Sc. (Engg) courses in Instrumentation & Control, and Advanced Electronics; the Department of Mechanical Engineering introduced M.Sc. (Engg) courses in Thermal, and Production; the Department of Civil Engineering introduced M.Sc. (Engg) courses in Structure, Hydraulics & Flood Control, and Public Health Engineering. Electrical Engineering Department introduced M.Sc. in Power Systems in the year 1977. The year of 1979 brought a change in the engineering curriculum.

Introduction of 10+2 system demanded a change in the duration of B.Sc. engineering courses, which was reduced from 5 years to 4 years and the degree was renamed as B.E. The beginning

of new decade of 80's emphasized the development of science department also. Department of Physics started M.Sc. course in Applied Physics in 1981 while Department of Chemistry started M.E. in polymer technology in 1985.

On the persistent demand of diploma holders, the college started B.E. Tech. Courses in Civil, Electrical, Electronics and Mechanical Engineering in the year 1982. The year of 1983 exhibited the decrease in the duration of P.G courses in Engineering, which were made of one and a half-year duration with more emphasis on research project.

Delhi Administration established Delhi Institute of Technology (Presently Netaji Subhash Institute of Technology) in 1985 and the new college was established under the patronage of Delhi College of Engineering. B.E. degree course in Production & Industrial Engineering was started in 1988 while B.E. Degree course in Computer Engineering was started in 1989.

1.2 New Campus of DCE

The foundation stone of New Campus of DCE, under the principalship of Late. Prof. M.L. Mandal was laid by the then Hon'ble Vice President Dr. Shankar Dayal Sharma on May 23, 1989. The capacity utilization of the infrastructure, at the college, is indeed highly satisfying, especially that the college functions now at the new campus of DCE (165 acre land) right from 9.00 a.m. in the morning to right up to 9 p.m. in the evening on all working days. Part-time B. Tech. Degree Programs to the practicing engineers of the National Capital Territory are run in the evening between 6 to 9 p.m. The beginning of last decade of century brought dynamic and energetic Principals Prof. M. Paldas and Prof. P.B. Sharma to lead the college community.

Introduction of CEE Entrance test, new examination policy and curriculum innovation were some of the exemplary work carried out in 1990 with the initiative of Prof. M. Paldas as Dean (FOT) D.U. **The college became highly vibrant and dynamic with enormous activity in all the facet of academic and extra-curricular.**

The college organized more than **32 national level symposia and seminars, 6 chapters of International societies** were opened to have meaningful interaction and participation not only from India but from abroad also.

"Emerging Trends in Technical Education" organized in 1992 gave an impetus to rethink about the technical education patterns in India. Management of environment was on the top of the agenda in 1994 and polymer science & technology draw the attention of all the educational

administrators in 1996. B.E. degree level course was started in Polymer Science & Chemical Technology and Environment Engineering in 1998.

Last decade has witnessed enormous growth in the application of Information Technology and Biotechnology. DCE has remained dynamic and vibrant all through year, and carved its niche in these fields of studies by introducing B.E. Degree course in Information Technology during the year 2002 and B.E. Degree course in Biotechnology during the year 2004. A national seminar and curriculum workshop on, **"Sports Engineering"** held in 2004, and **EDP program for Food Processing Industries** held during 2006 are the efforts being made to pave the path for introduction of B.E. Sports Engineering and B.E. Food Technology in very near future.

Delhi College of Engineering today imparts education and training in 10 branches of engineering at Graduate level with an intake of 670 during the morning session; 4 part-time B. Tech. Degree programs are being run in the evening with an intake of 120. Full-time and part-time PG education is given in Eleven specialized fields of science and engineering with an intake of 198.

Our Ph.D. program awards scholarship to 25 students. In addition, sponsored research and development activities are also supported by Government funding agencies and Industries in large number of areas of mutual interest. The key to success is our emphasis on quality research and innovative design.

1.3 DCE-A World Class Knowledge Enterprise

DCE aims to become a world class knowledge enterprise in the near future. This necessarily demands for world class infrastructure, most modern class rooms, up-to-date laboratories, an excellent library and information system, qualified and motivated faculty, intimate interaction with the industries and professional societies and many more. Steps have already been taken to create; an environment commensurate to the need and desire of DCEites for the purpose. Some of the steps are detailed below:

Four B.E. level degree programs in the following disciplines have been identified for introduction in the phased manner. The. college shall establish new departments in the disciplines.

1. BE Sports Engineering
2. BE Food Technology
3. BE Aerospace Engineering
4. BE Automobile Engineering

All the departments have identified M.E. level degree programs for introduction in'the phased manner as detailed below:

DEPARTMENT OF ELECTRONICS & COMMUNICATION

1 M.E. (VLSI Design & embedded Systems)

2. M.E.(Optomechatronics)

DEPARTMENT OF COMPUTER ENGINEERING

1. M.E. (Software Engineering)

2. M.E. (High Performance Computing)

DEPARTMENT OF ELECTRICAL ENGINEERING

1. M.E. (Power System)

DEPARTMENT OF INFORMATION TECHNOLOGY

1. M.E. (Information Systems Management)

2. M.E. (Microwave & Optical Communication)

DEPARTMENT OF MECHANICAL ENGINEERING

1. M.E. (Technology Management & Innovations)

2. M.E. (Automobile Engineering)

3. M.E. (Robotics)

DEPARTMENT OF CIVIL ENGINEERING

1. M.E. (Disaster Management)

2. M.E. (Infrastructure Engineering Management)

3. M.E. (Soil Mechanics & Foundation Engineering)

DEPARTMENT OF BIOTECHNOLOGY

1. M.E. (Biotechnology)

2. M.E. (Genomics)

3. M.E. (bio-informatics)

DEPARTMENT OF APPLIED MATHEMATICS

1. M.Sc. in Industrial Mathematics

1.4 DCE : Activities & Future Plans

1. DCE School of Management with Alumni Support programmes proposed: MBA (Technology & knowledge Mgt) .MBA (Information System Mgt). Dual Degree Programmes: BE and MBA -integrated 5 yrs programmes and Executive Development programme.

2. Centre for Information Security with the support from Ministry of IT, Govt of India proposed Programmes: ME (Information System Security), Dual Degree Programme: BE & ME integrated 5 yrs. and training programmes for in service professionals

3. DCE-PURA Providing Urban Amenities in Rural Areas: the main focus shall be on Energy Farming, Bio-Diesel processing, Bio-fertilizer unit, Integrated Water management, De-centralized Power Generation, Medical Plants and Herbs, and Focus on Rural jobs and sustainability

4. Centre of Excellence in knowledge Technology. The focus shall be on Advance Studies and Research in Knowledge Technologies, and R & D in Cutting Edge Technologies viz A I and Machine Intelligence, Intelligent Communication System, Intelligent Transportation Systems, Nanotechnology And Embedded System, Green Energy Technologies, and Bio-informatics

Research and Development Activities

The college lays greater emphasis on R & D activities, particularly at UG level large number of students have taken a relevant industry R & D projects in their BE final year. Several students have visited foreign universities and R & D organisations. High level delegations from USA, UK, China, South Korea, Japan, Taiwan, Australia etc. have visited last DCE for R & D collaborations. The major emphasis of our R & D activities consist of Bio-diesel, automobile, conducting polymers, information security & high speed computing.

DCE Biodiesel Innovations

In India, the interest in biodiesel has grown vividly during the last few years. The chief rationale for biodiesel in India is energy security. Better environmental performance, greening of wastelands and creation of new employment opportunities-are seen as some of the other advantages of biodiesel Delhi College of Engineering has emerged as a leading technological institutions of India which has been ascribed as the center of advanced level research in propagation of petro-plants, their improved agro-practices, development of indigenous biodiesel production technology,

design and development of small to medium capacity biodiesel processing unit, quality assurance of biodiesel and trial of biodiesel in diesel engines and vehicles.

Delhi College of Engineering Unveils its High Capacity Biodiesel Production Unit

Delhi College of Engineering has developed a biodiesel production unit that is capable of producing over 600 litres of biodiesel daily under MNES Sponsored project granted to the college. The production unit has a very innovative design and is first of its kind in India. 10-member team of college has taken five months in development of this unit and it has costed around Rs.3.5 lacs. While, the conventional design units had only one to two vessels, the new unit have six vessels and can produce at least 200 liters of bio-diesel as per the ASTM/BIS standards in eight hours. The college is filing application for patent for the unique design of the production unit.

Visit of High Level Thai Delegation to DCE

A high level Thai Delegation led by Sh. Viset Choopiban , Hon'ble Minister of Energy, Government of Thailand visited Delhi College of Engineering on October 5, 2005 to see the biodiesel research at the college. This visit was arranged in association with PCRA. The minister was accompanied by Mrs. Siripom Sailasutta, Director General of Department of Alternative Energy Development and Efficiency, Thailand. The Hon'ble Minister was highly impressed with the biodiesel research at DCE and he commended the efforts of DCE biodiesel team in dissemination of indigenously developed technology to the rural masses and small entrepreneurs.

Sponsored Research Projects

DCE is executing a Ministry of Non Conventional Energy Sources, Govt. of India, funded research project entitled "Development of an efficient biodiesel reactor for rural application and utilization of multi feedstock derived biodiesel in medium capacity diesel engine". The total grant sanctioned by the ministry is Rs. 18.92 lacs.

The college is also undertaking a Petroleum Conservation Research Association (PCRA) funded research project entitled "Development & process optimization of a medium capacity state of the art biodiesel processing unit" worth Rs. 15 lacs. During this project a biodiesel processing unit of capacity of 1000 liters per day would be developed. This unit would be capable of even converting high FFA low grade oil into quality biodiesel.

Super Mileage Vehicle

The Auto Industry around the world is focusing its innovation on improving fuel efficiency and on reducing the environment pollution. While fuel quality is important for reducing exhaust emissions, it is important to get maximum mileage per liter so that we are in a position to conserve the fast depleting fossil fuels. With the aim of improving fuel efficiency, 14 members student team of Delhi College of Engineering has designed and developed a supermileage vehicle to participate in the world wide supermileage vehicle competition organized by SAE International (Society of Automobile Engineers) at Marshall, Michigan, USA. This prestigious event had participation from universities from France, America, U.K. etc. Incidentally, Michigan is the home for auto industry and houses General Electric and Chrslyer Corporation a world auto gaints. This is the first time a team from India has participated in the world competition on innovative concept car.

The supermileage vehicle developed by DCE is an innovatively designed concept car having a total weight of 55 kilograms. The vehicle is powered by 3.5 hp, 4 stroke engine which has been suitably modified to reduce its capacity from 140 c.c. to 60 c.c. so as to achieve approximately 150 kms. per liter. DCE and Department of Science and Technology of Government of India are the major supporters of the project. A number of auto industries, including Maruti, Minda, have also supported the development of the innovative car. The car body of fiber glass has been painted by DuPont Refinish colors. DuPont Performance coating is one of the sparrows of this "Team Endeavour".

Intel Planet Lab at DCE

The Delhi College of Engineering (DCE) has been selected by Intel Technology Pvt Ltd. And ERNET to join Planet Lab Consortium, which already has one hundred fifty of the world' universities, UC Berkeley, University of Washington, AT&T Labs, Cambridge University, France Telecom, HP. NEC Labs as its members.

Knowledge Park at DCE

Delhi has all the opportunities to be developed as major knowledge hub in the country with its deep rooted tradition of quality education and research in science and technology. The present Concept Paper provides the broad framework for development of Delhi as a major knowledge hub in India.

The university together with its knowledge infrastructure significantly contributes to the development of knowledge enterprises. The knowledge hub has state-of-the art connectivity and is networked with industries and R&D institutions. National and global networking is a part of the knowledge hub operational strategy. The focus of the knowledge hub is on the development of world-class human capital in the knowledge intensive areas of science and technology relevant to knowledge industry and knowledge based services in addition to the growth of world class relevant research and development. A knowledge hub is thus, the nucleus of both the cultivation of new knowledge as well as the Centre for Transformation of Knowledge into Prosperity through knowledge enterprise development. The knowledge hub thrives on its strength of scaling the new and emerging areas of technology and on its capabilities of integrating science and technology together for propelling the growth of knowledge industry. In this regard it is proposed to identify the following areas of interest for the Knowledge Park. Energy Sector, Telecom Sector,lnfrastructure Engineering Sector, Information Technology Sector and Bio-and Nano-Technology Sector.

DCE is in the process of organizing corporate meet with the above corporate people from different five sectors to get conceptual idea for the construction of Knowledge Park in DCE & its day to day functioning.

Er. Sanjiv Ahuja, CEO, Orange SA (UK), (Alumni of DCE)

GLIMPSES

COLLEGE CONVOCATION, APRIL 26, 2007

MEDIA COVERAGE

पढ़-लिखकर गरीबों को नहीं भूलें : तेजेंद्र

दिल्ली कॉलेज ऑफ इंजीनियरिंग के दीक्षांत समारोह में सफल छात्रों को डिग्रियां बांटी गईं।

भास्कर न्यूज. नई दिल्ली

उपराज्यपाल तेजेंद्र खन्ना ने इंजीनियरिंग की डिग्री पाने वाले छात्रों को मशविरा दिया है कि वे अच्छे व जिम्मेवार शहरी और ईमानदार पेशेवर बनें। वे जिस प्रोजेक्ट या काम से जुड़ें, वह तकनीकी मानकों को 100 फीस सुनिश्चित करें क्योंकि अगर मानकों पूरा होने में एक फीसदी की भी गड़ होगी तो आम जनता का भारी नुक बात हमेशा जेहन में

पूरी तरह भूल जाना जो निम्न स्तरीय गुजर-बसर कर रहे हैं, एकदम अमानवीय व अनैतिक है। छात्रों को जिम्मेवार शहरी बनने की नसीहत देते हुए उन्होंने कहा कि वह हर नियम-कानूनों का पालन करें, चाहे वह यातायात के नियम हों या भवन उप-नियम। अगर आप नियम तोड़ते हैं और बच निकलते हैं तो निश्चित ही उसका हर्जाना किसी न किसी को भरना पड़ता है, यह किसी भी सभ्य

L-G praises DCE graduates

Statesman News Service

NEW DELHI, April 26: The gold medal to students.

Lt Governor's Gold Medal was awarded to Abhishek Chatterjee for his

Lieutenant Governor lauded the achievements of the students and faculty for technological innovations in areas like design-

competi-
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fessional excellence in engineering field to achieve zero tolerance compliance with proper technical specifications is the need of India and acceptable to global society.

India is presently embarking on massive programme of infrastructure development and expansion and our engineers have to play a vital role in these long duration assets which will serve the country for decades to come,"

नियम को गंभीरता से लें दिल्लीवासी

सहारा न्यूज ब्यूरो
नई दिल्ली 26 अप्रैल।

उपराज्यपाल तेजेन्द्र खन्ना ने एक बार फिर दोहराया कि दिल्लीवासी अपनी हदों में रहें तो दिल्ली को विश्वस्तरीय शहर बनने से कोई नहीं रोक सकता। इसके लिए जरूरी है कि एक अच्छा नागरिक होने के नाते दिल्लीवासी अपने जिम्मेदारी को समझें और नियम कायदों का ईमानदारी से पालन करें। यातायात नियमों और भवन उपनियमों आदि को गंभीरता से लें और उसका उल्लंघन करने से बचें। उपराज्यपाल आज बवाना स्थित दिल्ली कालेज ऑफ इंजीनियरिंग के दीक्षांत समारोह को संबोधित कर रहे थे।

दीक्षांत समारोह में बीई के 328, बीटेक के 99 व स्नातकोत्तर के 104 विद्यार्थियों को उपाधियां वितरित की गईं। इंजीनियरिंग की विभिन्न शाखाओं के प्रतिभाशाली छात्र-छात्राओं को स्वर्ण पदकों से भी सम्मानित किया। इस मौके पर श्री खन्ना ने छात्र अभिषेक चटर्जी को स्वर्ण पदक, श्रुति

दिल्ली कॉलेज ऑफ इंजीनियरिंग के दीक्षांत समारोह में छात्रा को डिग्री प्रदान करते उपराज्यपाल तेजेंद्र खन्ना।

प्रधानाचार्य स्वर्ण पदक से नवाजा। समारोह में आईपी यूनिवर्सिटी के कुलपति प्रो. के. के. अग्रवाल, तकनीकी शिक्षा विभाग सचिव डा. जी नरेन्द्र कुमार भी उपस्थित थे।

उपराज्यपाल ने इस बात पर खुशी जताई कि डीसीई में नॉलेज पार्क की स्थापना की जा रही है

जाएंगी। स्नातकोत्तर पाठ्यक्रमों में है। कालेज के प्रधानाचार्य प्रो. डी साफ्टवेयर इंजीनियरिंग, माइक्रोवेव, टेक्नालॉजी में भी

It's raining dollars at DCE

THURSDAY, APRIL 26, 2007

3

Amit Kumar

amit.kumar@mid-day.com

The Delhi College of Engineering is set to join the big league of elite management institutions, if this year's placements are anything to go by.

The highest salary offered this year is Rs 40 lakh ($80,000 per annum), by US-based company Schlumberger Oilfield Services

Deepak Agarwal

Joseph Rajan

Sushant Kakkar

Salary boom

Front page

डीसीई के छात्रों को विदेश से न्योता

कॉलेज के छात्रों को भी प्रबंधन संस्थानों की तर्ज पर लाखों की पगार का प्रस्ताव

नई दिल्ली/बृजेश सिंह

देश के प्रतिष्ठित शिक्षा संस्थानों में शुमार दिल्ली कालेज ऑफ इंजीनियरिंग (डीसीई) की ख्याति विदेशों तक भी पहुंच गयी है। इसी की एक बानगी यह है कि 57 विदेशी कंपनिया डीसीई का दौरा करने के बाद कालेज के छात्रों को शत प्रतिशत प्लेसमेंट देने जा रही हैं। जिसमें एक बड़ी ब्रिटिश मारूति, महिन्द्रा एंड महिन्द्रा और माइक्रोसाफ्ट जैसी कंपनियों ने भी डीसीई छात्रों का चयन किया है। दुनिया में डीजल इंजन बनाने वाली जापान की अग्रणी

विदेशी कंपनियां सालाना 40 लाख रुपये तक मेहनताना देने के लिए तैयार

आईआईएम जैसे संस्थान शामिल है। कालेज प्रशासन का कहना है कि इस बार कालेज के छात्रों को शतप्रतिशत प्लेसमेंट मिला है। कालेज की उपलब्धि यही नही खत्म होती। इस उपलब्धि से प्रभावित होकर इंटेल कंपनी ने डीसीई को प्लेनेट लैब से जोड़ने के लिए चयनित किया है। जिससे दुनिया के सिर्फ 150 बड़े

MEDIA COVERAGE

com

दिल्ली

हिन्दुस्तान नई दिल्ली, शुक्रवार, 27 अप्रैल, 2007

दिल्ली बने विश्व की बौद्धिक राजधानी : खन्ना

नई दिल्ली (ह.सं.)। हम लोगों को ऐसा प्रयास करना चाहिए कि भारत विश्व में उदार व देखभाल करने वाली आर्थिक तकनीक शक्ति के रूप में उभरे और दिल्ली विश्व की बौद्धिक राजधानी बने। ये बातें दिल्ली के उपराज्यपाल तेजेन्द्र खन्ना ने मुख्य अतिथि के रूप में दिल्ली कॉलेज ऑफ इंजीनियरिंग (डीसीई) में कही। मौका था संस्थान का दीक्षा समारोह का।

उन्होंने युवा इंजीनियरों को

दिल्ली कॉलेज ऑफ इंजीनियरिंग का दीक्षा समारोह

श्री खन्ना ने कहा कि इंजीनियर वे लोग हैं जो ज्ञान को समृद्धि में बदल देते हैं, वे ज्ञानवान कर्मचारी होते हैं जो देश को प्रतियोगात्मक मदद देने वाले बनें। उन्होंने शिक्षक जगत को सलाह दी कि वे डीसीई में इंजीनियरिंग के उभरते कोर्स फाइनेंशियल

तकनीकी दृष्टि को समय और परिवेश के साथ बदलने की जरूरत है। उन्होंने कहा कि शिक्षा नित चलने वाली प्रक्रिया है। डिग्री या अवार्ड कोई मंजिल नहीं। हम सभी को जीवन भर अपने को छात्र समझते हुए बदलते जमाने के साथ सीखते रहना चाहिए।

दीक्षा समारोह में बीई की 328, बीटेक की 99 व पोस्ट ग्रेजुएट की 104 डिग्रियां प्रदान की गईं। 2005-06 के लिए अभिषेक चटर्जी को लेफ्टिनेंट गवर्नर गोल्ड मेडल और

दीक्षा समारोह को संबोधित करते उपराज्यपाल तेजेन्द्र खन्ना।

DCE to offer new courses, boost industry-specific research

EXPRESS NEWS SERVICE
NEW DELHI, APRIL 26

THE Delhi College of Engineering will soon offer new courses in software engineering, microwave and optical communications, information security, bio and nano-technology and also initiate focus on industry-relevant research

doctoral programmes. Goldar said that the focus of DCE in the coming years would be on industry-relevant research to strengthen technology missions of the country.

He also informed that in 11th Five-Year Plan, the college plans to attain self-sufficiency in power generation,

DCE has signed MoU with foreign universities such as University of Utah, USA and University of Technology, Sydney, Australia, to promote student exchange and transfer of knowledge between the two organisations, he added.

Lauding efforts of DCE in turning out high

DCE to start nanotech course soon

TIMES NEWS NETWORK

New Delhi: The teaching community should constantly change the existing curricula and link it to the expanding wave of knowledge, advised Lieutenant governor Tejendra Khanna on Thursday while addressing the Delhi College of Engineering (DCE) annual convocation.

On the occasion, the college announced to introduce courses in software engineering, microwave and optical communications, information security, bio and nanotechnology in the near future.

While giving away degrees to 531 engineering graduates and postgraduates of the college, Khanna stated that DCE should excel in emerging engineering disciplines like financial engineering, system engineering, health care engineering and social engineering.

"Professional excellence in engineering field to achieve zero tolerance compliance with proper technical specifications is the need of India and acceptable to global society"

DCE में पांच नए कोर्स जल्द शुरू होंगे

पेज 5 का शेष

स्टूडेंट को पोस्ट ग्रेजुएट डिग्री और उपाधि प्रदान की। इसके बाद DCE के प्रिंसिपल प्रो डी गोल्डर ने घोषणा की कि कॉलेज में जल्द ही इंजीनियरिंग के पांच नए कोर्स की शुरूआत होने जा रही है। इनमें साफ्टवेयर इंजीनियरिंग, माइक्रोवेव इंजीनियरिंग, ऑप्टिकल सिक्योरिटी इंजीनियरिंग, बायो और नेनो टेक्नालॉजी इंजीनियरिंग जैसे कोर्स शामिल हैं। उन्होंने बताया कि कॉलेज इस समय इंजीनियरिंग के 15 पोस्ट ग्रेजुएट और डॉक्टरल प्रोग्राम के अलावा 10 फुल टाइम और चार पार्ट टाइम अंडरग्रेजुएट इंजीनियरिंग कोर्स चला रहा है। DCE खासतौर देसी उद्योगों के जरूरत को ध्यान में रखते हुए रिसर्च और टेक्नालॉजी के विकास के काम में लगा है। उन्होंने बताया कि कॉलेज अपनी ऊर्जा

जरूरतों, साफ पेयजल तथा सोलिड लिक्विड वेस्ट मैनेजमेंट के निपटान निर्भर हो जाएगा। प्रिंसिपल ने बता DCE के स्टूडेंट ने हाइब्रिड कार, फ वन कार, पानी के अंदर चलने वाला और बिना ड्राइवर कार जैसे कई प्रोजेक्ट किए हैं, जिनकी दुनि में सराहना हुई है।

यही कारण है कि कंपनी ने DCE को प लैब से जोड़ने के सेलेक्ट किया है, वि विश्व के 150 वि विश्वविद्यालय जुड़े हैं। इस मौके पर गोविंद सिंह इंद्रप्रस्थ यूनिवर्सिटी के चांसलर प्रो के के अग्रवाल दिल्ली सरकार के टेक्निकल एजू डिपार्टमेंट के सेक्रेटरी जी नरेंद्र ने DCE के स्टूडेंट के शानदार एकेड रिकार्ड की तारीफ की।

दैनिक जागरण | 5 | www.jagran.com | दिल्ली

इंजीनियर नैतिकता से कोई समझौता न करें : खन्ना

पश्चिमी दिल्ली,जागरण संवाददाता : उपराज्यपाल तेजेंदर खन्ना ने इंजीनियरों को नैतिकता से कोई समझौता न करने का सलाह दिया। यह बात उन्होंने दिल्ली कालेज आफ इंजीनियरिंग के दीक्षांत समारोह के दौरान कहीं। इस मौके पर अभिषेक चटर्जी को उनके सम्पूर्ण शैक्षणिक व व्यावसायिक गतिविधियों में उत्कृष्ट प्रदर्शन के लिए उपराज्यपाल का स्वर्ण पदक प्रदान किया गया। मुख्यमंत्री का स्वर्ण पदक सुश्री शीला दीक्षित को, रीतेश शर्मा को प्रिंसिपल का स्वर्ण पदक दिया गया। समारोह में बीई के 328, बी टेक के 99 व पीजी के 104 इंजीनियरों को उपाधियां व प्रमाण पत्र वितरित किया गया।

समारोह में प्रिंसिपल प्रो डीलदार ने बताया कि डीसीई साफ्टवेयर इंजीनियरिंग, माइक्रोवेव एंड आप्टिकल कम्यूनिकेशन, इंफोरमेशन सिक्योरिटी, बायो व नेनो टेक्नोलाजी पाठ्यक्रम की शुरुआत कर रही है। उपाधियां वितरित करने के बाद उपराज्यपाल तेजिंदर खन्ना ने इंजीनियरों को संबोधन में ऊंचाई हासिल करने की शुभकामनाएं दीं। उन्होंने कहा कि व्यावसायिक जीवन में सफल होने के लिए ईमानदार होना बहुत जरूरी है। उन्होंने देश के विकास में इंजीनियरों की भूमिका को महत्वपूर्ण बताते हुए कहा कि किसी भी तालब में इंजीनियरों को नैतिकता से

व्यापार रोड स्थित दिल्ली इंजीनियरिंग कालेज के दीक्षांत समारोह के दौरान उपराज्यपाल तेजेंद्र खन्ना, प्रिंसिपल प्रो.डी.गोलदार व प्रो.के.के. अग्रवाल। जागरण

समझौता नहीं करनी चाहिए। साथ ही उन्होंने एक जिम्मेदार शहरी बनने का भी सलाह दिया।

इस मौके पर डीसीई के प्रिंसिपल ने संस्थान की शिक्षा नीति का जिक्र करते हुए कहा कि हम 21वीं सदी में त्रिस्तरीय विधि का इस्तेमाल कर रहे हैं। जिसमें शोध, शिक्षा, सेवा (नौकरी) शामिल हैं। उन्होंने बताया कि इस वर्ष प्लेसमेंट बहुत अच्छा रहा है। शुभ्वगेर नाम की एक ब्रिटिश कम्पनी ने तीन विद्यार्थियों को 40 लाख रुपये सालाना की पैकेज की है। गुरु गोविन्द सिंह इंद्रप्रस्थ विवि के कुलपति प्रो. के.के अग्रवाल ने कहा कि डिग्री या अवार्ड मंजिल नहीं होना चाहिए। सफलता महत्वपूर्ण है और इसे सतत प्रयास करके ही प्राप्त किया जा सकता है। डा. जी नरेंद्र कुमार ने बदलते जमाने में टीम वर्क को समय की जरूरत बताया।

VISITS OF FOREIGN DELEGATIONS TO DCE

Prof. D. Goldar, Principal, welcomes Prof. Julia King,
Vice-Chancellor of Aston University, UK

Prof. Julia King, Vice-Chancellor of Aston University, UK
with Principal & Faculty Members of DCE

Prof. D. Goldar, Principal, welcomes Dr. George H. Atkinson
S & T Advisor to the Secretary of States, USA

Prof. D. Goldar, Principal DCE, welcomes Dr. David W. Leebron,
President of Rice University, USA

VISITS OF FOREIGN DELEGATIONS TO DCE

Principal welcomes Dr. David W. Leeborn, Dr. Kevin J. Foyle & Dr. Sallie Keller-Mcnulty from USA alongwith Prof. (Retd.) YVSR Sastry of DCE

Principal DCE welcomes Dr. Richard H. Rooley, Presidential Member of Ashrae, USA

Principal & Faculty of DCE, receive Korean Delegation

Prof. D. Goldar, recevies a delegation of Faculty & Students from Yonsei University, South Korea

VISITS OF FOREIGN DELEGATIONS TO DCE

Prof. D. Goldar, Principal, welcomes a delegation from Yanmar Company Limited, Japan

Principal, Faculty & M.E. Structural Engineering Students, receive Dr. David Harvey & Dr. Darren Byrne of the Institute of Structural Engineering, UK

Prof. D. Goldar, Principal, introduces the dignitaries Dr. David Harvey & Dr. Darren Byrne, S. Ghosh, of the Institute of Structural Engineering, UK

Dr. Dhuppar & Dr. Pradeep Sharma of UTS, Australia with Prof. D. Goldar, Principal DCE for signing of MOU between UTS & DCE

VISITS OF FOREIGN DELEGATIONS TO DCE

Prof. D. Goldar, Principal, DCE, welcomes Dr. Moon Kyum Kim, Dean, College of Engineering, Yonsei University, Seoul Korea on his visit to DCE

Prof. D. Goldar, Principal, introduces the South Korean Delegation to staff & students

Prof. Eun Gu Lee From Hankuk University Seoul (Korea) presents momento to Prof. D.Goldar, Principal, DCE

Principal welcomes Prof. Bhuvnesh Goswami and his brother from USA (Alumni of DCE)

2.0 ACADEMIC DEPARTMENTS

Department of Electronics & Communication Engineering

Ever increasing pace of development in electronics, audio and video communications systems and the automation in industry have made an electronic engineer a catalyst for the change of the modern society. Electronics gadgets and communication systems of present age have tremendously improved the quality of life. With the tempo of events throughout the world, it has become essential to have more efficient communication network with the latest electronic devices and circuits.

Besides giving a thorough grounding in basic sciences and engineering subjects, the curriculum in electronics and communication engineering lays greater emphasis on deep understanding of fundamental principles and state of the art knowledge of Electronic Devices & Circuits, Computer Architecture & Microprocessors, VLSI & Embedded Systems, Electromagnetic Field Theory, Analog and Digital Communications, Digital Signal Processing, Microwave & Broadband Communications.

The Department of Electronics & Communication Engineering has seen a significant growth over the last 33 years, especially because of the rapid advances in electronics, communications and computer engineering. The department today caters 120 UG students in Electronics & Communication Engineering in regular daytime program and 30 UG students in evening B.Tech program with electives in Computer Communication & Electronic Switching, Fault-Tolerant Computing, Digital Signal Processing and Optical Communication. The department is collaborating with the Applied Physics Department of the college for developing a center for excellence and relevance in optical communication i.e. TIFAC CORE Center in Fiber Optics & Optical Communication.

The M.E. Program in Electronics & Communication specializes in VLSI-CAD and Communications Systems. Department is also planning to start a Post Graduate Course in VLSI & Embedded Systems. Project and Industrial Training is an integral part of the curriculum and are carried out in frontal areas of technology. The Department has following well developed laboratories:

- Electronic Devices and Circuits Laboratory
- Telecommunications Laboratory
- Microwave Laboratory
- Optical Communication Laboratory
- Linear Integrated Circuit & BiMOS Laboratory

- Computation & Instrumentation Laboratory
- VLSI-CAD / Digital System Laboratory
- Microprocessors & Digital Signal Processing Laboratory
- Microwave CAD Labroratory

Department is doing advance level research work in the area of Microstrip Antenna Design, Sensor Networks, Image Processing, Pervasive Computing, Analog Circuits using current Conveyors, Design of digital systems with FPGA & CPLD devices and in optical communication & RF Communication Labaratory facilties are available for these research work.

A special feature of the department is its sophisticated equipments and test setup for research in the area of electronics and communication engineering. The faculty and students of this department have developed a number of instrument systems in collaboration with a leading R&D organizations, namely, Transputer based Fault- Tolerant Architecture with DOE, New Delhi, VHDL Simulation & FPGA implementation of Communication Circuits with CEERI, New Delhi and In-circuit Test Development for PLC with Rockwell Automation. Department has also developed VLSI circuits in collaboration with nSys, NewDelhi, ST Micro electronics, Noida.

Department is carring out research work in the area of Microstrip Antenna Design, Sensor Network, Image Processing, Pervasive Computing, Analog Circuits using Current Conveyors, Design of Digial systems with FPGA & CPLD devices and optical communication & RE Communication.

Department had organised a workshop on WCDMA by QUALCOMM UNIVERSITY, USA

Department of Computer Engineering

Computer has revolutionized not only the data processing and storage, but also the quality of life, communication, manufacturing and transportation. PC, Laptop, Internet and tele conference has become a household commodity.

Department of Computer Engineering was established in the college in 1989 and a BE Degree course in Computer Engineering was started with an intake of 20. Now it has increased to 90. In last decade, computer engineering department has developed state-of the art laboratories in the various field of computer engineering-processor development & testing lab, signal processing lab, LIC lab, software lab, networking lab, web designing lab, multi-media lab, CAD-CAM lab, software engineering lab etc.

The curriculum in computer engineering lay greater emphasis on design and development, in addition to software packages. A greater emphasis is on the electronics science & engineering. Industrial training is an integral part of the curriculum. Miniaturization in computer technology, audio-video and image processing, storage and retrieval, data processing, communication and nano-technology etc are going to affect the computer knowledge in the coming decades.

In 1996, the department has started M.E. degree level program in Computer Technology and Application.

Ph.D. Programs

The Department of Computer Engineering has focused attention on quality research and industrial design and development. A large number of problems have been taken up is close collaboration of industries. Excellent facilities are available to conduct research for the award of Ph.D. degree of University of Delhi in the areas of microprocessor application, computer communication & networking, optimization, programming, ANN, Speech recognition, image processing, microchips, nano technology etc. The College offers certain number of scholarship to full time Ph.D. students. In addition, AICTE, UGC, CSIR, DST and other scholarship awardees can also take up Ph.D program.

Department of Information Technology

Recent advancements in the areas of computers, softwares, 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. In the recent years, the world has seen the area of Information Technology rapidly growing. 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. Department offers mainly Undergraduate and PhD programmes.

As the demand for a very fast transmission of information over global networks is growing at an exponential rate, the impact of optical communication is increasingly felt in nearly all aspects of communication technology. Keeping in view the phenomenal growth in fiber-optic communications, the department is also starting a M.E. level program in microwave and optical communication from the academic year 2007-2008. Emphasis of B.E. Information Technology curriculum is mainly focused on computer science, software development, networking, communication, web engineering, security, hardware design and management. Specialized knowledge on the analysis and design of information systems is imparted. Further, industrial training and various electives related to emerging IT areas forms an important component of Information Technology curriculum, so that the students are able to meet the challenges faced by today's industries. The course for IT was tailor made to fit the needs of the field of IT with a great emphasis on the managerial facets of software development in order to create not just engineers who are part-time managers, but manager-engineers. The course includes sufficient management subjects to meet the above goals. It favors web centric technologies and information management along with conventional areas and associated projects.

The objective of the curriculum in Information Technology at DCE is to provide a high quality world class education in Information Technology at the Bachelor level (UG). It provides an excellent hands on preparation for students who seek employment in a wide variety of IT-related fields. The Industry-driven curriculum is frequently updated to furnish Students with the latest in transferable knowledge and skills required by IT employers and industry leaders. Unlike traditional Computer Science or Computer Engineering Programs, which deal with Information systems form the computer point of view, the IT curriculum concentrates on the foundations and applications for these systems form the user's side. It provides creative solutions to perplexing

problems by preparing IT professionals who pay the role of user's advocate in the emerging information era. It is ensured, therefore, that DCE-IT students will always receive a knowledge base to equip them not only to use available technology applications, but to develop and apply technology innovation to create novel solutions.

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

Department of Electrical Engineering

The Department of Electrical Engineering has significantly grown since last 65 years from its inception. With the advent of growth in Industrial Electronics, Industrial Communication and Energy Sources & Utilization the department has developed an important place in the National Capital Region of Delhi. Department has an annual intake of 90 U.G. students in Electrical Engineering program, 18 P.G. students in Control and Instrumentation program, in addition to 3-4 research scholars for Ph.D program. Shortly the department is opening new P.G. program in Power System.

The students are motivated for technical and creational activities besides classroom teaching and laboratory exercises through technical fests like TROIKA and RENAISSANCE organized under IEEE and IET student's chapter respectively. The students are also encouraged to participate in various group learning and discussion activities besides presentation of seminar and term paper presentations on individual basis. Emphasis is laid on Computer based Assignments through Modelling and Simulation of various Electrical Systems in well-equipped laboratories. In past several students of the department undertook Industrial training at International Organizations, and many others have presented their technical papers at various contests abroad, and have brought laurels to the department.

Department is proud to have a well qualified faculty with all the Professors and Assistant Professors having Ph.D degrees from reputed institutes like IITs, Delhi University etc. and majority of the Lecturers have already done/doing significant research for the award of Ph.D degrees. The Department offers diverse area of research centered around Intelligent Control, Optimization, Power Quality, Renewable Energy Sources, FACTs, Electrical Drives and Hybrid Electric Vehicles. To cater the needs of experimentation and R&D activities, the department has ten (10) well-equipped laboratories in the area of viz, Electrical Machines, Power Systems, Power Electronics, Control Systems, Process Control, Computers, Microprocessors, and Instrumentation & Measurements. The laboratories are equipped with sophisticated equipments, test setups, FPGA based data acquisition system, embedded controllers, Digital Signal Processors, Medium power Inverter-converters, various Electrical Drives, PLCs, Power analyzers, spectrum analyzers, etc to name a few. Some sponsored projects have been carried out / being carried out in the area of FACTs and Electric Drives with the grant from AICTE and a project on Broadband on Power lines with NDPL for which the department is likely to sign the MOU. The Department is also engaged in consultancy on turnkey basis.

Faculty members of the department have published more than 15 papers in International and National Journals of repute in 2006-07. Moreover, the department is able to contribute research papers in IEEE Transactions and IEEE Proceedings, Journals in Electrical Engineering from Elsevier Sciences, etc. on a regular basis each year. Each year many research papers are presented

in various IEEE international conferences in abroad and inland. The department also generously contributes in professional activities undertaken by IEEE and IET Delhi chapters. Several popular technical books have been authored by the faculty members of-the department, and this legacy has been furthered in recent years. Some faculty members have received awards of merit in research and development and some have acquired patent for their research.

The department plans to have three new labs for Testing, Calibration & Standardization, Industrial Automation, Bio-Instrumentation. and Distributed Generation & Energy Conservation in future. A In addition to these, the department plans to have a Distribution and Automation Park and Center for Excellence in Expert Systems and SCADA. The department is also planning to open one P.G. course in Power Electronics & Industrial Automation and a UG course in Industrial Electronics & Instrumentation. Hosting of one biannual National Electrical Engineering Conference "ELECON' and one International Conference once in every four years, workshop and Invited Lecture series every year has also been the future agenda of the department to further the professional activities. The department also owes to take-up the challenges of providing efficient Electrical Systems and Energy Sources for countrymen at large.

Department of Mechanical, Production & Industrial Engineering

The Department of Mechanical Engineering has seen considerable growth since its inception in 1941 with the intake in Undergraduate courses rising from 30 to 150 (120 for Mechanical and 30 for Production & Industrial Engineering). The department also offers Post Graduate courses with specialization in Thermal Engineering and Production & Industrial Engineering with total intake of 46 Students. PhD Programmes in all fields of Mechanical Engineering are also offered.

The department boasts of modern laboratories equipped with latest experimental set-ups and research facilities for instrumentation, metal cutting, experimental stress analysis, strength of materials, fluid mechanics, I.C. engines, automotive engineering, robotics, heat transfer, solar energy, flexible manufacturing system, CFD, and supported by software like view-flex, AutoCAD, ABAQUS (FEM), FLUENT, and Automotive engine design. Research and development is facilitated by NT enabled workstations and competitive robots with digital controller. In addition microprocessors, microcontrollers, PLC, MET lab, spectrum analyzer and logic analyzer are available for project work. The department has a modern work-shop equipped with latest machinery. The students are given training on CNC Milling & CNC lathe machine trainer. The welding laboratory is equipped with pulse TIG, Ultrasonic welding Plasma arc cutting, submerged, arc welding, fume extractor and digtial image processing software for testing etc. in the welding area.

The department is one of the few in country to have an advance bio-diesel research centre. Different species ofTBOand non edible oil such as mahua, linseed, high FFA rice bran oil, jatropha, karanja and vegetable oil are converted to bio-diesel as per quality standard of ASTM D-6751. The centre has been a leading research institution in the country involved in developing small to medium capacity bio-diesel processing units, conducting bio-diesel training programmes for farmers and setting up quality assurance facility of bio-diesel. The research projects are sponsored by different government organization like ministry of New & Renewable Energy, Govt. of India, and Petroleum Conservation Research Association. The department is also working extensively with the industry and an MOU is to be signed with Yanmar Co. Ltd., Osaka, Japan for running a Yanmar diesel engine on neat bio diesel for 5000 hours.

The department has been awarded a research project titled “Development of Ice slurry production Technology” under research promotion scheme by AICTE. A project on “Development of Solar Photovoltaic Powered Vehicle” has been approved by Ministry of New & Renewable Energy, Govt. of India. The Department also organizes conferences and short-term courses for the benefit of its Faculty members and students.

The Mechanical Engineering Department has very active student chapters like SAE, ASME, and ASHRAE. SAE student chapter of the department takes part in almost all student vehicle design competitions of SAE like Formula Students, Mini Baja, and Super Mileage besides other international vehicle design competitions like Alternative Energy Vehicle. This year students will be participating in Autonomous underwater Vehicle (AUV) and World Solar challenge Car, 2007 competitions to be held in USA and Australia respectively. The department also has an ISHRAE student chapter. Under the aegis of these student chapters, industrial visits and specialized lectures are conducted.

The department is blessed to have a strong faculty, with all teachers either holding a Ph.D. or nearing completion of their doctorate. There have been numerous publications by the department faculty in international journals, highlighting the emphasis on research and development. The industrial engineering courses of the department are designed to develop the students to have managerial and decision making skills thereby preparing them for the competitive global business environment. In a recent survey conducted by Times of India and published in Pick of the Times, the department of Mechanical Engineering was adjudged the best in Asia.

Full Time Ph.D. Programs:

A few full time scholarships are available for research and development in the areas of thermal engineering, power plants, I.C. engines, alternate fuels, refrigeration and air conditioning, turbo machinery, gas dynamics, machine design, machine dynamics, kinematics, stress analysis, fluid mechanics, instrumentation & finite element analysis, foundry technology, meteorology and welding technology, supply chain management, simulation of the system & CPO.

A student of the Mechanical Engineering of 2007 batch has been offered a package of Rs. 42 lakhs per annum.

Department of Civil and Environmental Engineering

The Department, aims at improving the civic life of man by harmonising the natural resources available on earth. Civil engineering deals with the construction, soil mechanics, transportation, municipal and sanitary, surveying and mapping, and hydraulics. While a construction engineer deals with the design and supervision of construction of bridges, buildings, tunnels and dams. Engineers specialized in soil mechanic are vital and relevant for conquest of areas ranging from Antarctica to the moon. Transportation engineering deals with the planning, design and construction of roads, streets and thoroughfares. Broadly a civil engineer is expected to do planning, research, design and construction of buildings and roads; traffic and transportation, irrigation and power, water supply and sewage disposal, dams and reservoirs, ports and harbours, airways and navigation, treatment for industrial wastes and abatement of air pollution and disaster mitigation.

Besides the basic and engineering sciences, the curriculum in Civil Engineering covers various professional subjects e.g. structures, foundation, construction, work management and cost, transportation engineering, irrigation engineering, hydraulics, and environmental engineering and earthquake technology etc.

The Department was established in 1955. Four year B.E. degree course, National Certificate and diploma courses, were started with an intake of 20 only. However, the department of civil engineering excelled in a short time and first PG program in structure was started in 1966. Today, Department caters for 100 UG students: 70 in Civil Engineering and 30 in Environmental Engineering. M.E. degree level Programme in Hydraulics and Flood Control, Structural Engineering and Environmental Engineering and Water Resources Engineering. For last 30 years, M.E. in Structural, Environmental and Hydraulics and Flood Control Engineering has contributed significantly to the manpower development in these highly relevant area of national importance.

The UG curriculum is broad-based and designed to introduce the students with a wide range of problems encountered by civil and environmental engineers. Electives and independently conducted projects are offered in the final year to enable the student to develop additional depth in areas of special interest to them. Survey camp and practical training which are part of the curriculum, aim to exposing the students to actual field problems. Laboratory experiments, computer aided analysis, design & drawing and the tutorial classes are held to build confidence in the students.

The Department is well equipped with laboratories related to Structure, Concrete testing, Soil Mechanics, Highway Engineering, Experimental Stress Analysis, Computational Mechanics,

Educational Technology, Photogrammetry and GIS facilities, Environmental Engineering and Hydraulics laboratories. The Department undertakes to organize special lectures and discussion by eminent persons from the field and industry.

The Department has established a student chapter namely "SEM DCE Student Chapter" with the Society for Experimental Mechanics, USA. The interested students are allowed to become member with SEM DCE student chapter.

Ph.D. Programs

The Department of Civil & Environmental Engineering lay greater emphasis on quality research and industrial design and development. Excellent facilities are available to conduct research for the award of Ph.D. degree of University of Delhi in the following disciplines of Civil Engineering.

Structural Engineering, Structural Dynamics, Earth Quake Engineering, Water Resources Engineering, Environmental Engineering, Experimental Mechanics.

Department Bio-Technology

Department of Biotechnology, established in the year 2004, is presently imparting education for bachelor of engineering degree in Biotechnology. Biotechnology is a multi disciplinary science, which includes life sciences, chemical sciences, engineering sciences, bio informatics, computer sciences, business and management and ethical issues. It is the study of life, its origins, diversity and intricacies. It emphasizes the relationship between structure and function in living systems and the processes, by which organisms grow, reproduce and interact with each other and their environment. The discipline is dynamic and rapidly advancing.

Biotechnology is also a multi-billion enterprise that focuses on the manipulation of organisms, in some cases created by recombinant DNA technology, to perform necessary services for the production of marketable products. It is an exciting, fast-paced and growth-oriented industry with applications that affect virtually every aspect of daily life. For industries to capitalize on the biotechnology boom and to remain competitive in this rapidly evolving market, there must be a technically competent workforce available to support the research, development and manufacturing of commercial products. The human resources must be updated routinely on advances in technology and regulatory issues that pertain to the biotechnology workplace.

The curriculum in Biotechnology has an optimal mix of basic and advanced science courses such as Biochemistry, Cell Biology, Immunology, Genetics, and laboratory courses, allied engineering subjects such as mechanical workshop, electronics, electrical engineering. We strongly emphasize on computer course such as Computer in Molecular Biology, Practical Computer Concepts for Bioinformatics, Protein Bioinformatics, Phylogenetics & Comparative Genomics, Gene Identifications, and microarrays and Analysis.

In future, we plan to focus on Marketing Aspects of Biotechnology, Managing Biotech Professionals, Legal Aspects of Biotechnology, and creating a Biotechnology Enterprise by expanding our experience with the business aspects of biotechnology. Department of Bio-technology is proposing to start a M.E. Degree program from the academic session 2007-08. Applications of bio-technology in food processing and presentation have been explored is a recently organised EDP for food processing Industries.

Sh. P.L. Kaul, President, All India Food Processor Association inaugurates the programme

Department of Applied Chemistry & Polymer Technology

The department has contributed significantly to higher education and research in the area of Applied Chemistry and Polymer Technology. Since 1998, the department is offering four year B.E. course on Polymer Science & Chemical Technology. The department is also offering course on M.E. Polymer Technology since 1986 The department admits a few research scholars with scholarships from Ministry of HRD, Govt. of India. The annual intake of B.E. students is 40 which is likely to be increased to 60 from the session 2007-08. The annual intake of regular M.E. students is 18 and part-time is 5. Both B.E. & M.E. Courses are interdisciplinary to prepare the technical manpower for chemical and polymer industry. The department has six regular teachers. The Govt. of N.C.T of Delhi has recently created 13 more teaching positions for B.E. course. These positions are likely to be filled soon.

The department has 13 well-established laboratories on Applied Chemistry, Polymer Chemistry, Polymer Synthesis, Polymer Testing & Characterization, Polymer Processing, Rubber Technology, Chemical Technology, Chemical Reaction Engineering, Textile Technology, M.E. Lab, Research Labs, etc. B.E. & M.E. students carry out their minor/major projects in these laboratories jointly with experts from industry and teachers of the department. The department has undertaken a few sponsored projects funded by AICTE, CSIR, UGC, DRDO, etc. The department has produced about 30 Ph.D's. The teachers of the department have published nearly 100 research papers in national and international journals. The faculty has written text books on Applied Chemistry, Polymer Composites and e-book chapters. The department has organized Curriculum Development Workshops in 2004 & 2007 and has continuously updated B.E. & M.E. syllabi. The department conducts annual technical festival TATVA in which the students and experts from industry participate in academic deliberations to enhance Industry-Institute interactions. Such useful interactions help the students for industrial trainings and job placements. The department plans to establish world-class laboratories for undertaking joint research projects with industry, national and international universities. The department shall soon open up for consultancy projects.

Mr. Arunava Guha, Vice President (Marketing) Reliance Industries Limited inaugurates the Technical Conference TATVA-2007

Department of Applied Mathematics

Mathematics is the base of all engineering as well as technological branches. A sound knowledge of mathematical tools makes a technocrat to excel in his profession. In fact the "Industrial Mathematics", a branch of Applied Mathematics, which is relevant for contemporary technological problems, is not only the queen of all sciences but is also the mother of all technologies.

The Department of Applied Mathematics offers courses to undergraduate and postgraduate students of various engineering disciplines. The syllabi have been designed in the areas of Applied Mathematics, Computational Techniques and Statistics to impart sound knowledge of the various mathematical tools and their applications in the engineering disciplines. Deptt has established the computer programming

Research Activities & Full Time Ph.D. Programs

The department has the necessary expertise available in the following research areas of current interest:

Information theory & its Applications
Graphtheory
Numerical Simulation
Number Theory & Combinatorics
Relativistic Cosmological Models
Complex Analysis
Algebra, and
Approximation Theory
A few full time Ph.D. scholarships are available in the above fields.

Department of Applied Physics

The Applied Physics Department of Delhi College of Engineering, being a part of an Engineering College has always laid emphasis on the applied aspects of Science. This department is providing sound science base for all engineering disciplines students in I semester and II semester. The courses of the II semester are designed to serve the need for a particular branch of engineering. The department has well equipped laboratories for B.E. students, where experiments are designed to broaden the experimental skills of the students.

Delhi college of Engineering is the only institution in the NCR region which runs M.Sc. Applied Physics course, in addition to catering to the needs of the core Engineering Departments. This M. Sc. (Applied Physics) Course got approval from University of Delhi for the graduates working in the NCR region of Delhi as a part-time course. This course is running in the department successfully for last twenty four years.

The department has well equipped research laboratories, in which ten full time research scholars are working for Ph.D. degree. Regularly research papers are published in International and National journals and presented in National and International seminars.

- The Applied Physics Department has 3 Under Graduate laboratories and 7 PG cum Research laboratories and 1 Innovation Laboratory.
- Each academic year ~ 5 B.E. and 2 M.E. projects are carried out in these laboratories. Ten full-time research scholars are working for their Ph.D. degree.
- Four sponsored projects are going on in the Applied Physics Department.
- Dr. R.K. Sinha is the Technical Consultants of Sterlite Optical Technologies Ltd (the only optical fiber manufacturing company in India) and Infocomm Technology Innovation Center of Reliance Infocomm Ltd.
- M.E. Course in **`Microwave and Optical Communication'** has already been approved by AICTE and University of Delhi. The Applied Physics Department will run this programme in collaboration with Electronics and Communication Engineering Department.
- A proposal for B. E. Engineering Physics is being finalized and will be submitted to the AICTE and University of Delhi soon.
- A proposal for M. E. Material Science and Technology, with special emphasis on smart materials, nano-materials and biomaterials is also being finalized and will be submitted for approval soon.
- Dr. R. K. Sinha has been awarded "Project Formulation Grant" under UK- India

Education and Research Initiative (UKIERI) by British Council, India and is invited to prepare joint research proposal in collaboration with Glasgow University, Cambridge University and University of South Hampton, UK.

- Department of Applied Physics has the Students Chapter of International Society for Optical Engineering (SPIE). This Society comprises of students from all engineering branches of the College. Each year at least one student member of the society is sponsored to visit the International meet of SPIE.

- Applied Physics department along with the SPIE students organized four lectures in various field of Optical Communication.

Department of Humanities

The Department of Humanities offers courses in English, Technical Report Writing, Industrial Organizations, Managerial Economics, Engineering Economics and Accountancy to UO and PO engineering students in an effort to train them for the global economic environment of the 21st Century. Beside giving them in-depth understanding of the labour market in which they are expected to work and emerging employment trends among engineers, students are sensitized towards the specific technological need of urban slums and rural areas as well as socio-economic impact of engineering projects. A conscious effort is also made to develop very good communication skills both verbal and non-verbal as well as social skill among the budding engineers. To achieve this, class room teaching is supplemented by market survey and analysis, paper presentation, group discussion, mock and mono acting etc.

Academic environment of the department is highly vibrant. Faculty members present their papers in national and international seminars /conferences and publish papers in journals of repute.

From academic year 2006-07, full-time and part-time Ph.D. programme has been started in the department. Few fellowships are also available for full-time Ph.D. programme. The department has the necessary expertise available in the following research areas of current interest:

- Socio-economic studies and feasibility analysis of engineering projects
- Labour market analysis
- Technical education and skill up-gradation

The department is in the process of setting up Language Laboratory which will expose the students to TOFEL and GRE model of training and practice. By learning to correct their pronunciation, accent & intonation students will improve their communication skills and learn different variations in English expressions. It is also proposed to start an MBA programme in Engineering HR Management and Financial Management and language course in German, French, Japanese, Chinese and Russian.

Department of Training & Placement

The Department of Training & Placement is the backbone of any institute. From the very beginning the college lays greater emphasis on in situ industrial training. Practical Training for B.E. Students is an integral part of the curriculum and in-built into the programs of study.

The students are introduced to industrial practices through training in the college workshops and in factories, installations, work etc. As stipulated under the relevant University Ordinance according to the following programs:

(i) 4 weeks in the college workshops in the Winter Vacations after third semester for Civil/Electrical/Electronics and Communication/Computer Engineering students.

(ii) 4 weeks in college workshops in the Summer Vacations after fourth semester for Mechanical/Production Engineering students.

(iii) 8 weeks in Summer Vacations after sixth semester in industries situated in and around Delhi for all branches of Engineering.

(iv) 8 weeks during Winter Vacations after seventh semester in large scale industries for all branches of Engineering.

Large number of students have been accepted by several foreign companies in US, UK, France & Germany for summer training with financial sustenance. Employment of the students of the college is our major concern. The Placement records of our students are an indicative factor that the college is having very fruitful and meaningful relations with the industries. The demand for our graduates has always been very high. However, during last few years, the demand of our graduates have increased exponentially.

Campus Selection teams from over 125 leading Industries of the country and a large number of Multinationals visit the College campus regularly to recruit our Graduating Engineers. Large no. of companies from France, Germany & US also approach the department for campus selection.

It is a matter of great satisfaction that 3 of our students, one each from Civil, Mechanical and Electrical Engg. have bagged the highest salary of Rs. 43.00 lacs. per annum this year and have been selected by M/s. Schlumberger. It is also a matter of great satisfaction that our placement in each branch is more than 100% and in the branches of Computer Engg., Electronics & Communication Eng.. and Mechanical Engg., it has crossed over 200%. More than 65 international MNCS names have visited our campus so far and more than 20 are still waiting to visit.

Placements this year have again witnessed a quantum jump both in quality and quantity. The companies like TCS, Infosys, Maruti, Microsoft, IBM, Wipro, Free Scale, Bechtel, Samsung, BEL, C-DoT, Alstom, Mahindra & Mahindra, Price Water House, Hughes Systique, GRAIL Research, Schlumberger, Sequences Design, Engineers India Ltd, Tata Motors Ltd, Philips Electronics, BPL, IOCL, Siemens Power, Unitech. are the leading names who have recruited our bright students.

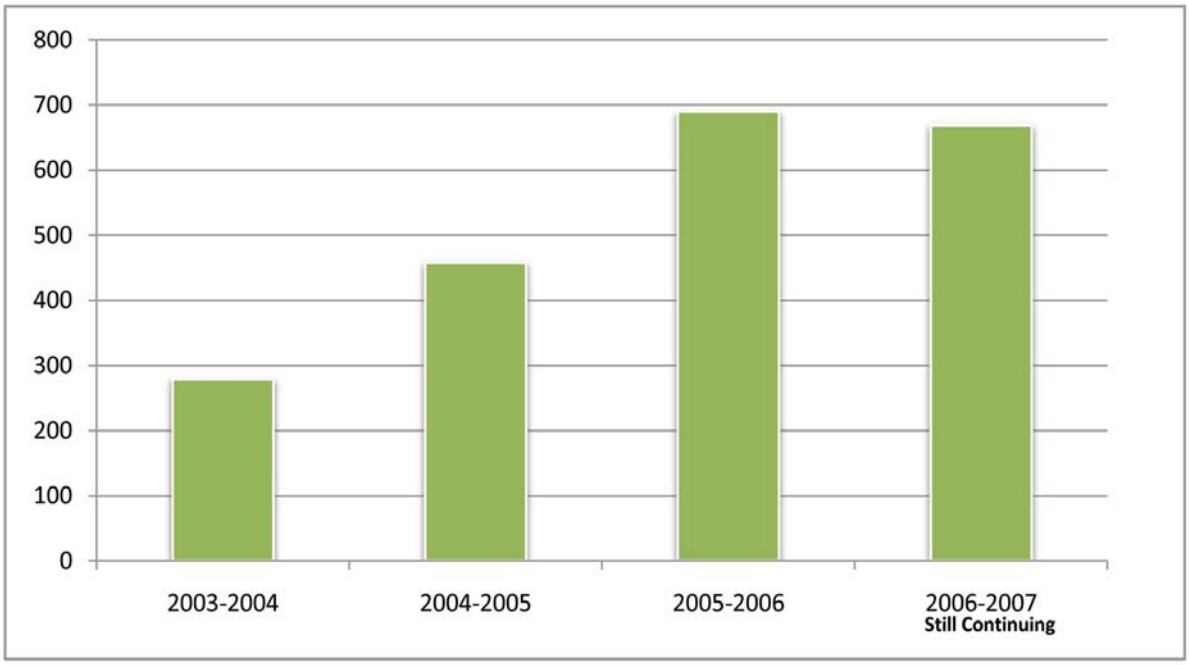
Of course, arranging for the Training and Placements of our students is the primary function, the department also takes initiative for developing right attitudes, soft skills-especially that of verbal communication, motivating our students to have strong technical as well as analytical capabilities, and exposing them to the nuances of economic and financial aspects related to their professional careers.

Adequate and modern infra structural facilities have been created over the years and addition of the facility of Video-Conferencing is on the anvil. Automation of the entire process of booking dates for the companies', call for CVs, feedback mechanism, and arranging for and monitoring the summer & Winter Training of our students, will be our next focus.

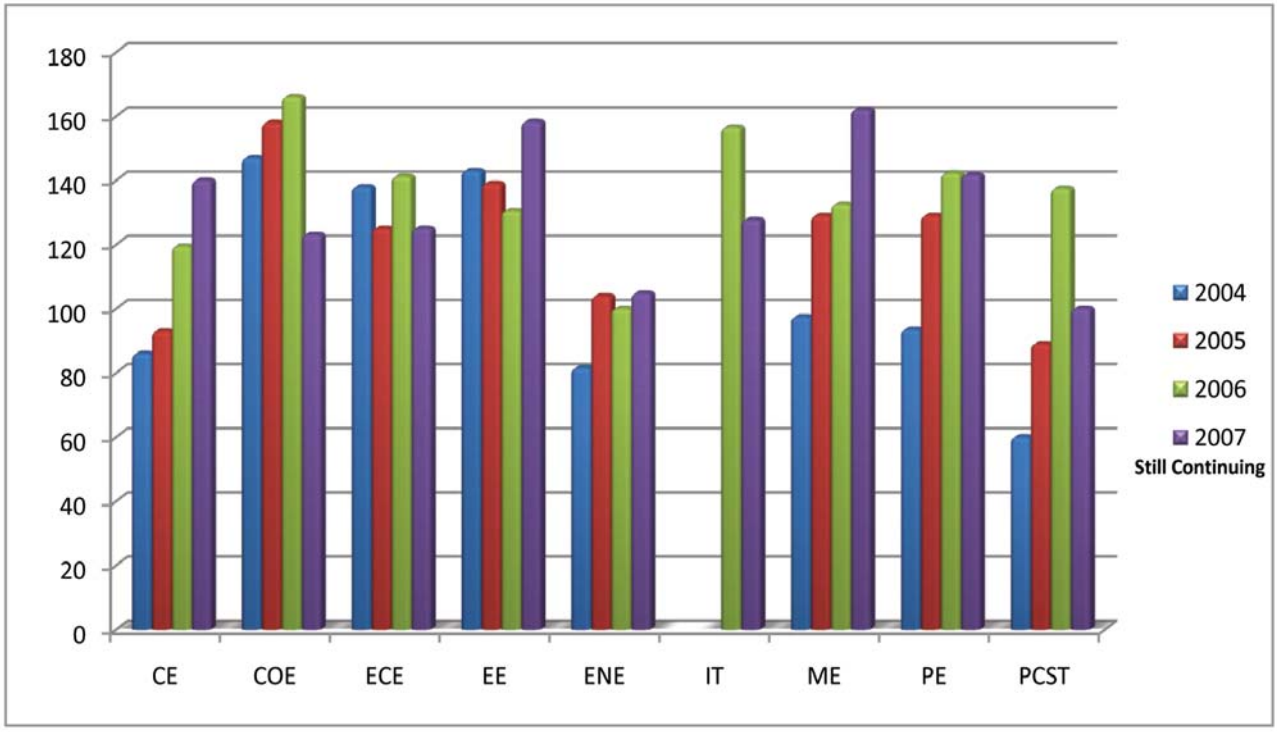
Branch-Wise Analysis of the Placement for B.E. (UG) for Academic Year 2006-2007

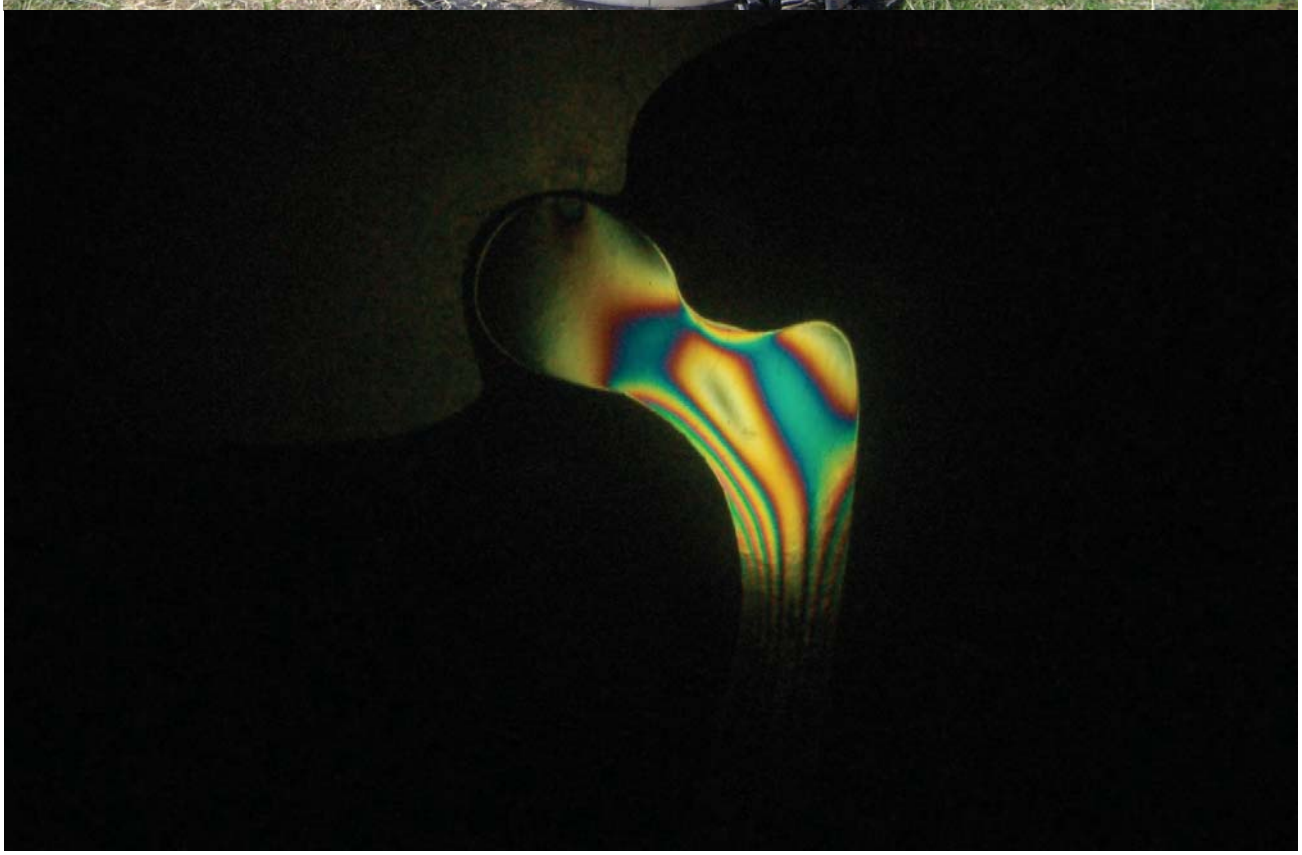
S. No.	Branch	No. of Eligible Students	No. of Placements	Actual % of Placements	Remarks
1.	Civil Engineering	50	70	140	Includes Multiplacements
2.	Computer Engineering	52	64	123.1	Includes Multiplacements
3.	Electronics & Comm. Engg.	84	105	125	Includes Multiplacements
4.	Electrical Engineering	60	95	158.3	Includes Multiplacements
5.	Environmental Engineering	21	22	104.8	Includes Multiplacements
6.	Information Technology	47	60	127.7	Includes Multiplacements
7.	Mechanical Engineering	87	141	162.1	Includes Multiplacements
8.	Production Engineering	24	34	141.7	Includes Multiplacements
9.	Polymer Science & Chemical Technology	32	32	100	Includes Multiplacements

Number of Students Placed (Including PG)



Branch Wise % of Students Placed





Academic Calender for B.E. 2007-2008

ODD SEMESTER

31.07.2007 (Tuesday)	Registration of III, V & VII Semester students
01.08.2007 (Wednesday)	Principal's address, Registration of Ist semester student, & Teaching starts.

Departmental Courses Committee Meeting : August 20-24, 2007 (Monday-Friday)

MID Semester Examination : September 17-21, 2007 (Monday-Friday)

NSS Day : September 29, 2007 (Saturday)

03.10.2007 (Wednesday)	Display of the mid semester examination answer sheets to the students & submission of marks to HOD by the teachers.

Sports Meet : October 3-17, 2007 (Wednesday - Wednesday)

08.11.2007 (Thursday)	Teaching ends for I, III, V, VII semester
13.11.2007 (Tuesday)	Practical examination for I, III, V, VII semester

End Semester Theory Exam. for I, III, V, VII, Semester : 19.11.2007 (Monday) Onwards

0.1.12.2007 (Saturday) to 06.01.2008 (Sunday)	Winter break, Workshop Training, Survey Camp, Industrial Training
31.12.2007 (Monday)	Submission of End-Semester Examination Awards to FOT

EVEN SEMESTER

07.01.2008 (Monday)	Registration & Teaching starts of II, IV, VI semester

Departmental Courses Committee Meeting : February 4-8, 2008 (Monday-Friday)

11.02.2008 (Monday)	Registration & Teaching of VIII semester students

DCE Festival Week : February 17-24, 2008 (Sunday-Sunday) & Alumni Meet

DCE Convocation : March 6, 2008 (Thursday) (Tentative)

MID Semester Examination : March 17-21, 2008 (Monday-Friday)

08.04.2008 (Tuesday)	Display of the mid semester examination answer sheets to the students & submission of marks to HOD by the teachers

NSS Day : April 12, 2008 (Saturday)

25.04.2008 (Friday)	Teaching ends, for II, IV, VI & VIII semester
28.04.2008 (Monday)	II, IV, VI & VIII Semester Practical & Practical Training Examination

End Semester Theory Exam. for II, IV, VI & VIII, Semester : 12.05.2008 (Monday) onwards

28.05.2008 (Wednesday)	Project Examination of VIII Semester & Practicals
01.06.2008 (Sunday) to 31.07.2007 (Thursday)	Summer Vacation, Workshop Training, Industrial Training
16.06.2008 (Monday)	Submission of End Semester Examination Awards to FOT
01.08.2008 (Friday)	College Reopens

3. ADMISSION TO B.E. COURSES

3.1 Courses Offered

The following courses are offered under the Faculty to Technology, Delhi University to Bachelor of Engineering Degree:-

Delhi College of Engineering		Intake
1.	Electronics and Communication Engineering	120
2.	Computer Engineering	90
3.	Electrical Engineering	90
4.	Mechanical Engineering	120
5.	Civil Engineering	70
6.	Production & Industrial Engineering	30
7.	Environmental Engineering	30
8.	Polymer Science & Chemical Technology	40
9.	Information Technology	60
10.	Bio-Technology	20
	Total	**670**

Netaji Subhas Institute of Technology		Intake
1.	Electronics and Communication Engineering	120
2.	Computer Engineering	120
3.	Instrumentation & Control Engineering	120
4.	Manufacuturing Processes & Automation Engineering	60
5.	Information Technology	60
6.	Bio-Technology	20
	Total	**500**
	Grand Total	**1170**

3.2 Eligibility Conditions for Admission

3.2.1 Educational Qualification (For Delhi Region Candidates)

A candidate passing any one of the following examination from recognized School/College/Institute located within the National Capital Territory of Delhi only and securing 60 percent or more marks in the aggregate of Physics, Chemistry and Mathematics shall be eligible for admission to the first semester of

Bachelor of Engineering Courser provided he/she passed in each subject separately:

(i) Senior School Certificate Examination (12-year course) of the Central Board of Secondary Educational (C.B.S.E.), New Delhi.

(ii Indian School Certificate Examination (12-year course) of the Council for Indian School Certificate Examination, New Delhi.

(iii) B.Sc. (Gen.) Group "A" Final Examination of the University of Delhi or equivalent examination.

(iv) B.Sc. (Hons.) Examination in Physics, Chemistry and Mathematics of the University of Delhi with combination of Physics, Chemistry, Mathematics and equal weightage to the subsidiary subject or equivalent examination.

(v) Any other examination recognized as equivalent to the Senior School Certificate Examination of the C.B.S.E. by the University of Delhi.

For Outside Delhi Region Candidates

A candidate passing anyone of the following examinations from the recognized School/College/Institute located outside the National Capital Territory of Delhi only and securing 60 percent or more marks in the aggregate of Physics, Chemistry and Mathematics shall be eligible for admission to the First Semester of Bachelor of Engineering Course provided he/she has passed in each subject separately:

(i) Senior School Certificate Examination (12-year course) of the Central Board of Secondary Educational (C.B.S.E.), New Delhi.

(ii) Indian School Certificate Examination (12-year course) of the Council for Indian School Certificate Examination, New Delhi. .

(iii) B.Sc. (Gen.) Group "A" Final Examination of the University of Delhi or equivalent examination.

(iv) B.Sc. (Hons.) Examination in Physics, Chemistry and Mathematics of the University of Delhi with combination of Physics, Chemistry, Mathematics and equal weightage to the subsidiary subject or equivalent examination.

(v) Any other examination recognized as equivalent. to the Senior School Certificate Examination of the C.B.S.E. by the University of Delhi.

A candidate must additionally have passed English as a subject of study either at the 10th Class level or 12th Class level (core or elective).

Note:

(i) An applicant who has to leave an Engineering Degree Course, or an equivalent course, after

exhausting the permissible number of chances in any other University/Board in India, will not be eligible for admission to Bachelor of Engineering Course.

(ii) Candidates who have appeared at the Annual Examination of the year 2007 and placed in compartment will not be eligible for admission for the year 2007-2008.

(iii) Candidates who have appeared at the Annual Examination of the year 2007 and reappear for the improvement to acquire the eligibility will not be considered for admission for the year 2007-2008.

(iv) No admission will be made directly to the second or any subsequent semester of the course.

(v) No change of branch will be permitted after the commencement of the second semester, even if some seats fall vacant in some of the branches during the course of second semester. .

(vi) No admission will be made after 30.8.2007

3.2.2 Relaxation in Marks for Reserved Categories

Candidate belonging to the following categories, who apply for seats reserved for them shall be allowed a concession in the minimum eligibility requirement as detailed below:

1. Scheduled Castes (SC) and Scheduled Tribes (ST):

Candidates belonging to Scheduled Castes and Scheduled Tribes shall be allowed 10 1 percent concession of marks in the minimum eligibility requirements.

2. Children/War Widows of Defence Personnel Killed/Disabled in Action (CW):

The children and/or widows of personnel of Armed/Para-Military forces killed/disabled in action during hostilities who apply for seats reserved for them shall be allowed relaxation of 5 percent marks in the minimum eligibility requirements .

3. Physically Handicapped (PH):

Candidates belonging to Physically Handicapped category shall be allowed 5% concession of marks in the minimum eligibility requirements.

3.2.3 Age Requirements

Applicant must be 17 years of age and maximum 25 years of age on or before the first October of the year in which he/she seeks admission. Relaxation in minimum age upto one year only with the approval of the Vice-Chancellor is permissible (Such Candidate should apply for relaxation only at the time of admission).

Candidates who are short in age by more than one year are not eligible for admission.

3.3 Region-wise Allocation of Seats:

The total seats marked for the B.E. Courses shall be allocated region-wise as follows:

(i) Delhi Region

For students passing from the recognized Schools/Colleges/Institutions located with the National Capital Territory of Delhi. 85 percent

(ii) Outside Delhi Region

For students passing from the recognized Schools/Colleges/Institutions located outside the National Capital Territory of Delhi. 15 percent

Note:

THE CRITERION FOR DECIDING THE REGION OF THE CANDIDATE OF CEE 2007 WHO HAVE PASSED/APPEARING IN THE QUALIFYING EXAMINATION THROUGH PATRACHAR VIDYALAYA, DELHI/NATIONAL/ INSTITUTE OF OPEN SCHOOL DELHI PROVIDED THE CENTRE OF EXAMINATION WAS/IS .LOCATED IN THE NCT OF DELHI.

(i) Except for the Nominees of Govt. of India, as stated later in Clause 3.7 the admission is open to Indian nationals only.

3.4 Category Codes and Allocation of Seats

REGION/CATEGORY	CATEGORY CODE
DELHI	
General	DG
Scheduled Caste	DC
Scheduled Tribe	DT
Defence	DW
Physically Handicapped	DH
OUTSIDE DELHI	
General	OP
Scheduled Caste	SC
Scheduled Tribe	ST
Defence	OW
Physically Handicapped	PH

The total number of seats in each course and the number of seats for various reserved categories including OBC/SC/ST & PH etc. would be known only after the relevant sanctions are received from MHRD by the University of Delhi. The OBC status is to be determined on the basis of the Central list of OBCs notified by the Ministry of Social Justice & Empowerment on the recommendations of the National Commission for Backward Classes available at the web site of the Commission (http:/ ncbc.nic.in/ backward classes/index.html). The documents in evidence of the OBC status if implemented would be required from the students at the time of granting admission.

However last year's (admission 2006) seats distribution is being given for the reference of the candidates.

3.5 Reservation

The aforesaid allocation of seats carries the following categories of reservation:

(a) Scheduled Castes (SC)

15 percent of the total seats in each Institution.

(b) Scheduled Tribes (ST)

7.5 percent of the total seats in each Institution.

(c) Children/War Widows of Defence Personnel Killed/Disabled in Action (CW)

5 percent of the total seats in each Institution for children/widows of personnel of Armed/ Paramilitary Forces killed/disabled in action during the hostilities in the following priority:-

PRIORITY I - Widows/wards of Defence Personnel killed in action.

PRIORITY II - Wards of serving personnel and ex-servicemen disabled in action.

PRIORITY III - Widows/wards of Defence Personnel who died in peace time with death attributable to Military Service.

PRIORITY IV - Wards of Defence Personnel disabled in peace time with disability attributable to Military Service.

(d) Physically Handicapped (PH)

3 percent of the total seats in each Institution.

The 3 percent reservation may be allocated as followed: 1 percent for persons with low vision or blindness, 1 percent for hearing impaired, 1 percent for those with loco motor disabilities and/or cerebral palsy.

Note: -

(i) In the case of category (a) and (b), the vacant seats are interchangeable.

Last Year's (2006-2007) Seats Distribution at DCE / NSIT

	DCE-EC	DCE-CO	DCE-EE	DCE-ME	DCE-PE	DCE-CE	DCE-EN	DCE-PS	DCE-IT	DCE-BT	DCE Total	NSIT-EC	NSIT-CO	NSIT-IC	NSIT-MP	NSIT-IT	NSIT BT	NSIT Total	GRAND Total
DG	71	53	53	71	18	41	18	24	36	11	**396**	71	71	71	36	36	11	**296**	**692**
DC	15	12	12	15	4	9	4	5	7	3	**86**	16	15	15	7	7	3	**63**	**149**
DT	8	6	5	8	2	4	2	3	4	1	**43**	7	8	8	4	4	1	**32**	**75**
DW	5	4	4	5	1	3	1	1	3	1	**28**	5	5	5	3	3	1	**22**	**50**
DH	3	2	2	3	1	2	1	1	1	1	**17**	3	4	3	1	1	1	**13**	**30**
OP	11	10	10	13	3	7	3	5	6	2	**70**	12	12	13	6	6	2	**51**	**121**
SC	3	2	2	2	1	1	1	1	1	1	**15**	3	2	3	1	2	1	**12**	**27**
ST	2	1	1	1	–	1	–	–	1	–	**7**	1	1	1	1	1	–	**5**	**12**
OW	1	–	1	1	–	1	–	–	–	–	4	1	1	1	1	–	–	4	**8**
PH	1	–	–	1	–	1	–	–	1	–	4	1	1	–	–	–	–	2	**6**
Total	**120**	**90**	**90**	**120**	**30**	**70**	**30**	**40**	**60**	**20**	**670**	**120**	**120**	**120**	**60**	**60**	**20**	**500**	**1170**

(ii) In case sufficient number of eligible candidate from the categories mentioned at (c) above are not available, the vacancies **will be treated as unreserved in the respective Region.**

(iii) The reservation under CW category is available only to such candidates who fall under the above listed four priorities.

(iv) It is the sole responsibility of the candidate to prove his/her eligibility for claiming reservation under any of the reserved categories. The candidates under SC/ST/CW/PH reserved categories will be required to produce the original certificate of the respective reserved category issued by the competent authority (as listed in clause 3.6) the time of counselling. If the category certificate is not found to be in order, no benefit of the reserved category will be given.

3.6 Certificates Required

Candidates applying for any reserved seat as mentioned in Clause 3.5 (a), (b), (c) & (d) (i.e. SC, ST, CW & PH) should submit the following certificates as the case maybe at the time of counselling.

(a)+(b) For admission to a seat reserved for Scheduled Castes/Scheduled Tribes, a certificate in original from an approved district authority stating the Scheduled Caste/Tribe, to which the candidate belongs. A list of approved authorities is given below:

(i) District Magistrate/Additional Magistrate/Deputy Commissioner/Collector/Additional Deputy Commissioner/Deputy Collector/1st Class Stipendiary Magistrate/City Magistrate (not below the rank of 1st Class Stipendiary Magistrate), Sub-Divisional Magistrate/ Taluka Magistrate/Executive Magistrate/Extra Assistant Commissioner.

(ii) Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate.

(iii) Revenue Officer not below the rank of Tehsildar.

(iv) Sub-Divisional Officer of the area where the candidates and/or his/her family normally resides.

(v) Administrator/Secretary to Administration/Development Officer (Laccadive & Minicoy Islands).

(c) For admission to a seat reserved for Wards/Children/Widows of Personnel of Armed/ Para-Military forces killed/disabled in action during hostilities, entitlement card in original issued by the Record Officer of the Unit/Regiment of Armed Personnel of the Armed Forces in case of Armed Personnel or from the Home Ministry in case of Para-Military forces.

The Children/Widow of the officers and men of Armed forces including paramilitary personnel who died or disabled on duty must submit a certificate to that effect from the following authorities

(i) Secretary, Kendriya Sainik Board, Delhi

(ii) Secretary, Rajya/Zila Sainik Board,

(iii) Officer-in-Charge, Record Office.

Note: A statement to the effect that "the death/disability is attributed to military service" is required to be included in the certificate.

(d) For admission to seat reserved for Physically Handicapped category, a certificate of physical disability issued by a duly notified Medical Board of a District/Government Hospital set up for examining the physically challenged candidates under the provision of the Persons with Disability (equal opportunities, protection of rights and full participation) Act 1995. The certificate should indicate the extent of (i.e. percentage) of the physical handicap and it should bear the photograph of the candidate concerned and it should be countersigned by one of the Doctors constituting the Board issuing the certificates.

3.7 Nominees of the Government of India

(a) One seat over and above the normal total intake in both the Institutions taken together for Wards/Children of India based staff posted at Indian Missions abroad provided they have passed their qualifying examination from outside India. Nominations against this seat will be made by the Ministry of External Affairs, G.O.I., New Delhi. Any person who is sponsored by the Govt. of India on an assignment abroad will be treated to be the staff posted in Indian Mission abroad.

Note: In case of countries where educational facilities are totally inadequate and are not available upto the qualifying standard or due to situation of turmoil in the country, the wards/children of the Indian Missions based personnel who had to study in India are also eligible if a certificate to this effect is issued by the Indian Ambassador in the country concerned and is attached with the application.

However, if the nomination of the Ministry of External Affairs is for more than one candidate, preference will be given to the candidate covered under Clause (a), above.

(b) Six; seats in Delhi College of Engineering (Electrical-1, Electronics and Communication-1, Mechanical-1, Civil-1 Production-1 Computer-1) and three seats in Netaji Subhas Institute of Technology (Electronics and Communication-1, Computer Engineering-1 and

Instrumentation and Control Engineering-1) over and above the normal intake for candidates from friendly and developing countries. Nominations against these seats will be made by the Government of India.

3.8 Procedure for Admission

(a) The admission to the H.E. Courses will be done at Delhi College of Engineering, Delhi for both the Institutions i.e. Delhi College of Engineering (DCE) and Netaji Subhas Institute of Technology (NSIT).

(b) The admission of the candidates belonging to the different Regions and categories will be made as under:-

Delhi Region (General/SC/ST/CW/PH Categories)	On the basis of the Combined Entrance Examination, CEE-2007 held on 27th May, 2007
Outside Delhi Region (General/SC/ST/PH/CW Categories)	On the basis of All India Engineering Entrance Examination (AIEEE) conducted by Central Board of Secondary Education

Note:

(i) The candidates who have passed the qualifying Examination from recognized School/ College/Institute located within the National Capital Territory of Delhi are eligible for admission against 85% seats reserved for Delhi Region Candidate on the basis of CEE-2007.

(ii) The candidates who have passed the qualifying Examination from recognized School/ College/Institute located outside the National Capital Territory of Delhi are eligible for admission against 15% seats reserved for Outside Delhi Region candidates on the basis of All India Merit Rank of AIEEE-2007.

(For those unable to appear in AIEEE on scheduled date of examination for any reason, no re-examination shall be held under any circumstances.)

(c) For all categories of Delhi Region/Outside Delhi Region/Candidates the basis of admission is the rank secured by the candidate in CEE 2007/AIEEE 2007. The candidates who have appeared in CEE 2007/AIEEE 2007 are not automatically considered for admission to B.E. Courses. They are required to submit a separate application on a prescribed form to be procured from Delhi College of Engineering after the announcement of CEE-2007. Result. They should Indicate their rank in the respective category at the

CEE 2007/AIEEE 2007 in the appropriate column (The required Application Form for the B.E. Courses for admission in 2007-08 is attached at the end of this Prospectus).

(d) The candidates who seek admission as nominees of the Government of India need not submit the aforesaid application. Their application must be forwarded through the Ministry of External Affairs, Government of India as detailed under Clause 3.7.

(e) FOR GENERAL/SC/ST/CW CANDIDATES

In case two candidates have the same marks at the CEE/AIEEE marks obtained in Qualifying Examination in subjects of Physics, Chemistry and Mathematics taken together with equal weightage will be the basis of merit for admission. In the event of marks of PCM being equal, the candidate born earlier will be given preference.

(f) MODALITIES FOR ADMISSION TO VARIOUS UNDER GRADUATE/ POST GRADUATE COURSES FOR THE PHYSICALLY DISABLED CANDIDATES (Appendix-X from the Bulletin of Information for CEE-2007 issued by the Faculty of Technology, University of Delhi, page 15-17).

1. Three percent (3%) seats in all undergraduate and postgraduate institutions (including professional and technical institutions) will be reserved for candidates with physical disabilities.

2. Reservation will also be applicable to institutions where admission is through Entrance Examination.

3. Reservation will be implemented college-wise and as far as possible course- wise in under-graduate courses, keeping in mind the suitability of the various courses for physically handicapped students depending inter-alia, on the nature and severity of their disability. The reservation will be implemented Department- wise in post-graduate courses as well as in those under-graduate courses where teaching is available only in one Department/College.

4. Candidates seeking admission under reservation shall be required to fulfill other criteria of admission as detailed in eligibility conditions except relaxation of 5% marks in the minimum eligibility conditions. In case of a course where admission is through the entrance examination 5% concession shall be granted in the through minimum eligibility condition for admission to the test.

5. Candidates with physical disabilities who are able to secure admission in the general category will not be counted in the 3% quota.

6. The 3% reservation may be allocated as follows 1% for persons with low vision or blindness; 1% for hearing impaired; 1% for those with loco motor disabilities and or cerebral palsy. However, if sufficient candidates are not available in a sub-category then candidates from the other sub-categories shall be considered.

7. ***Candidates with more than one type of reservation.*** The reservation shall cut across the existing reservations of SC/ST; Children/Widows/Wives of Officers and Men of Armed forces including Paramilitary forces killed/disabled in action or those who died/ were disabled on duty, etc. in accordance with the principle of interlocking reservations. In other words, there will be sub-reservations for physically disabled candidates in each reserved category, thus a disabled SC/ ST candidate would have preference over an able-bodies SC/ST candidate.

Note: It is clarified that there is no bar to a candidate seeking admission under the physically handicapped category to seek admission either under the General Category or any other reserved category if the candidate is otherwise eligible and entitled to take the benefit of any other reservation.

8. If sufficient numbers of the candidate are not available under the reserved categories then their seats may be filled with general category candidates.

9. Colleges/Departments are free to exceed the 3% reservation quota if necessary (Note: Ordinarily the number of seats reserved would be 1 for 33; 2 for 67 and 3 for 100 and so on. However, the Colleges may round off the number of reserved seats to next higher level, if the number of calculated seats falls more than half way between two levels, e.g. for 54 seats the number of reserved seats would be 1.62, which may be rounded off to 2 though it may appear to be 4% quota. In essence, the nature of reservation should be enabling in spirit and the institution not feel prevented from exceeding the 3% quota.

10. The Dean Students' Welfare (DSW) will arrange for professional counselling of physically challenged students to enable them to decide about courses keeping in view their aptitude, disability, and future career prospectus.

11. All candidates who wish to seek admission to various colleges and in courses where there is not entrance test should register themselves at the Desk for person with disabilities at the Dean Student's Welfare (Main Campus), New Examination Hall, Near University Main Gate. The application form will be available at the Registration desk. The dates and time for availability for submission of forms will be the same as that for general category students.

The applicable form should be accompanied by a certificate of physical disability issued by a duly notified Medical board of a District/Government Hospital set up for examining the physically challenged candidates under the provision of the Persons with Disability (equal opportunities, protection of rights and full participation) Act 1995. The certificate should indicate the extent (i.e. percentage) of the physical handicap and it should bear the photograph of the candidate concerned and it should be countersigned by one of the Doctors constituting the Board issuing the certificate.

Note: (a) In the event of any complaint or doubt either by the University authorities or by the Principal of the college as to the genuineness of the certificate of the extent of the disability of the candidate concerned or in regard to the entitlement of the candidate to seek admission under the category of physically disabled candidates, it is open to the University authorities/the Principal of the College to refer the candidate to a Medical Board to be constituted by the entitlement of the candidate concerned aid if it is found that the candidate is not eligible for entitled under this category, cancel the admission after issuing a show cause notice to the candidate concerned giving him 15 days to reply.

(b) The candidate would give a declaration to the effect that information I furnished in the application form and the documents annexed to the same and information contained therein are true and correct and that in the event of the same being found to be incorrect in any respect, his admission is liable to be cancelled, in addition to any other action that maybe taken against him.

12. In courses where, admission is through entrance test, the candidate should fill separate form prescribed by each Institution/College/Faculty in duplicate. Both copies should be clearly marked for category of reservation. The Institution/College/Faculty shall send one copy of the form for registration at the DSW office. However, if the candidate desire, they may submit forms at the office of the DSW which shall arrange to dispatch the forms to Colleges/Department where the candidates wish to seek admission.

13. Colleges would notify the DSW about dates of tests/interview (wherever applicable) so that these applicants can be informed. The DSW would notify these dates on the notice board and also post the same on the DU website.

14. In all cases, separate merit lists will be made for disabled candidate under 3% quota. However, if the number of applicants for a course/institution exceeds the quota, a priority list of candidates will be prepared taking into account:

a. Marks obtained in the qualifying examinations for admission and

b. Severity of the disability

Note: Marks obtained in the qualifying exams being same, priority will be given to candidate whose disability is more severe, e.g. complete loss of vision over partial loss of vision, or loss of complete limb over loss of few fingers etc.

15. On request of the Deans Students' Welfare, the CMO WUS Health Center would constitute a medical board consisting of (a) medical specialists in the concerned field of disability, (b) rehabilitation experts and (c) nominee of the Dean of Faculty having special knowledge about the proposed discipline of study of candidate. The Medical Board shall examine the candidates to determine the extent of disability on a 10-point scale and recommend the points to be added as weightage to the marks scored in the qualifying examination, for the purpose of admission. The Medical Board chaired by the CMO would function at the WUS Health Center, Chhatra Marg (Near Patel Chest Hospital) at the main campus of the University of Delhi and any additional board, if required, at the WUS Health Centre, South Campus. The medical boards shall meet within one week of the last date of submission of form/announcement of result of entrance examination as the case may be. The candidate can enquire about the dates of medical examination either at the WUS Health Centre or at the office of the DSW. This information will also be available on the DU Website.

16. The medical board shall send all data on disability points awarded to each candidate to be displayed at the DSW office. In case of professional, technical and post-graduate courses and where admission is through entrance examination, the recommendations would be sent directly to Faculty/College with a copy to DSW.

17. The D.S. W. office would add the disability point the marks in qualifying examination and allot college/subject based on preference indicated by candidate in the prescribed form.

.18. The certificate issued by the Medical Board will be valid for the purpose of admission to any college where a candidate has applied within the prescribed date.

19. No college shall refuse admission to any disabled candidate who is otherwise eligible, subject to mandatory 3% quota.

20. As far as possible all admissions of physically disabled candidates should be completed by the last date prescribed for the general category candidates. However, the Dean of the Faculty/Head of the Department/Principal of college would keep the required number of seats vacant in the College/Department concerned until the recommendations of the medical board are received by them and the merit list of the reserved category finalized thereafter.

21. The Delhi University Disabilities Committee shall strictly monitor the implementation of the provision of the reservation in all constituent or affiliated colleges/departments/ institutions of the University of Delhi.

22. Grievances regarding admissions under reservation for persons with disabilities should be reported to the Dean students' Welfare, who will convene meeting of the Grievance Committee set up for the purpose.

(g) All admissions of Delhi College of Engineering and Netaji Subhas Institute of Technology will close on 31.08.2007

(h) The candidates are entirely responsible to prove their eligibility for admission to B. E. Courses at the time of counselling. All admissions will be subject to verification of facts from the original certificates/documents of the candidate.

In case any candidate is found to have furnished false information or certificate etc or is found to have withheld or concealed any material information in his/ her application, he/she will debarred from admission.

If an applicant is found to be ineligible at a later date even after admission to an institute, his/her admission will be cancelled.

The admission to B.E. Courses under Children/War Widows of, Defence Personnel Killed/Disabled in action (CW) (for Delhi Region and Out-side Delhi Region) and Physically Handicapped (PH) will be made through CEE. All such candidates who are applying under these categories will have to appear in Combined Entrance Examination 2007. A separate CEE merit list will be prepared for these categories of Delhi Region as is done for General/SC and ST Categories.

All the candidates of all categories must come for counselling in person or through his/ her representative along with the following documents. In case the candidate or his/her representative does not appear before the B.E. Admission Committee-2007 for counselling on the specified date and time, he/she shall forfeit his/her claim for admission to B.E. Programme during the said year:

The counselling for admission to outside Delhi Region quota of DCE/NSIT for all categories shall also be conducted at Delhi College of Engineering, Delhi by B.E. Admission Committee 2007.

3.8.1 Documents Required at the time of Counselling

(i) The Admit Card of CEE-2007/AlEEE-2007 (except the nominees of Govt. of India)

(ii) The original and attested copy of mark sheet of the qualifying examination as given in clause-3.2.1

(iii) The original and attested copies of certificate and mark sheet of High School or equivalent examination.

(iv) The original certificate and attested copy for the reserved category, if other than the General Category.

(v) Medical fitness certificate in case of General/SC/ST/CW (on the FORMAT given alongwith with the form).

(vi) Medical certificate of physical disability, in original, issued by the duly notified Medical Board of a District/Government Hospital set up for examining the physically challenged candidates under the provisions of Persons with Disability (equal opportunities, protection of rights and full participation) Act 1995. The Certificate should indicate the extent of (i.e. percentage) of the physical handicap and it should bear the photograph of the candidate concerned and it should be countersigned by one of the Doctors constituting the Board issuing the certificate.

The decision of the Delhi University regarding the eligibility/admission of any applicant shall be final.

Disputes, if any, arising out of or relating to any matter whatsoever, concerning the aforesaid B.E. Admission shall be subject to the exclusive jurisdiction of Delhi.

3.9 Instructions for Candidates

The procedure for obtaining the application form is described in Section 3.10. Sale of these forms will start from 15th June 2007 (Friday).

The Applications of Nominees of Govt. of India must be forwarded through the Ministry of External Affairs, Govt. of Indian.,

Branch allotted to a candidate is determined by the criteria as explained in the proceeding two paragraphs vis-a-vis preference of branch given by him/her. Depending on the position of the candidate in the merit list, the highest available choice of the branch as indicated by the candidate is allotted.

The procedure for admission to B.E. Courses in Delhi College of Engineering and Netaji Subhas Institute of Technology for the year 2007 batch will be as follows:

Candidate are required to come for admission as per schedule given later in Section 3.14 provided that they have submitted the Application and have the rank as specified in the schedule. The list of applicants

will be displayed on the Notice Board. **NO LETTERS CALLING THE CANDIDATES FOR ADMISSION WILL BE ISSUED**. The candidate are required to present themselves as per the schedule in Section according to the rank in CEE- 2007. Only those candidates who have submitted Application for admission in the prescribed form in time and have the rank as specified, will be considered for admission.

Only one chance for counselling as notified in the Prospectus will be given to the candidates. The candidates will be called one by one according to their Rank in CEE-2007 from amongst those present at the time and date as specified in Section 3.14. They will be informed of the Branch offered to them as per their preference indicated by them in Application Form and their rank in CEE-2007 and asked to present documents. After verification, the originals and Xerox copies will be retained by the Chairman, Admission Committee and an Admission Slip will be issued.

The candidate must pay the fees immediately to confirm his/her admission.

If a candidate does not report for admission on the scheduled date at the specified time either in person or through his/her nominee for counselling as per his/her CEE-2007 Rank on the notified date(s) and/or refuses the offer of admission depending upon the availability of seats at the time of counselling or if a seat is offered in the Branch which mayor may not be his/her first preference and her she refuses to accept the same or he/she does not pay the fees on the day of admission. He/ she shall forfeit his/her claim for admission to B.E. Programme- during the said year.

The Original Certificates of the admitted candidate will be returned after Dec. 2007 or on withdrawal from the Institute/College whichever is earlier.

3.10 Procedure for Obtaining the Application form for Admission

All candidates seeking admission to B.E. courses in DCE/NSIT are required to submit an application on a prescribed form available from Delhi College Engg., Bawana Road, Delhi-110042 either by post or personally by submitting a **Demand Draft of Rs. 500/- (Rs. Five Hundred Only)** in favor of the Principal, DCE, Delhi-110042 payable at State Bank of India, Samepur, Delhi.

The written request for admission form by post should be accompanied with the following:-

1. Demand Draft of Rs. 500/- as mentioned above. (Candidate should write his/her Name, Address & Telephone No. on the back of the Demand Draft).
2. A self addressed envelop of size 30cm x 25cm with a postage stamp of Rs. 142/-

   The candidate requesting for the application form by post must write on the top of the envelope **"Request for B.E. Form"** and mail it to Administrative Officer, Delhi College of Engineering, Shahbad Daulatpur, Bawana Road, Delhi-110042. Such a request for

the Application Form must reach the Institute on or before 25.06.2007. Request received after that date will not be entertained.

The sale of Application Form will starts from 15.06.2007.

3.11 Instruction for Filling the Application Form*

General: Read the instructions carefully before filling the form. Use capital letters only. Complete all the items. Incomplete applications are liable to be rejected. Avoid over-writing. The instruction are given items-wise as per the order in the application form.

#I(a) As already stated the criterion for deciding the eligibility of an applicant to a seat reserved for a region is the location of school/college from which he/she has studied and passed the Qualifying Examination. Based on the location of the school and reservation if any, identify the two letter codes such as DG, DC, DT, DW, DH, OG, OC, OT, OW and OH given in the table in section 3.4

*** Candidates are advised to see points no. & (a), (b), (c) placed at Annexure-I in this booklet.**

(b) Write the rank, in the respective category, obtained in CEE-2007/AlEEE-2007.

(c) Write the Roll No. of CEE-2007/AIEEE-2007 Examination

#2 Write the name as given in the school records. The postal address should be complete and the pin code number given.

#3 (a) Tick (✓) the appropriate box.

(b) Indicate the religion.

(c) Indicate the nationality.

Please note that the admission to the seats indicated is open to Indian Nationals only.

#4 Write the name of the Qualifying Examination on the basis of which you are seeking admission. If you have passed more than one examination listed at para 3.2 you may select anyone. However, the two letter code must be consistent with the examination. Please note that you are required to submit only an attested photocopy of the mark-sheet at this stage. Original mark-sheets are to be shown at the time of admission.

#5 Write the name of the Board/University which conducted the examination listed .above.

#6 Write the name of the State/Union Territory where the school is located.

.#7 Write the Branch Code in order of your preference (para 3.11 #10(b)). (See Annexure-I)

#8(a) Indicate the total marks obtained in CEE-2007 / AIEEE-2007

(b) Calculate the percentage marks obtained (i) in Physics, Chemistry & Mathematics as indicated by the Board/University rounded to two decimal places. (ii) PCM percentages is calculated by adding Physics, Chemistry, Mathematics percentage and dividing by 3. Aggregate percentage means the total which is considered by the Board/University for the classification of the result.

#9 Tick (✓) the appropriate box. The certificate is to be signed by the candidate after writing the caste.

#10 (a) Write the date of birth as in your school record, i.e. class X certificate.

(b) If you are under-age, indicate the extent of shortage in month and days in the boxes provided. Shortage is to be calculated by subtracting the age on 01.10.2007

The Branch	Institute	Branch Code
B.E. Electronics & Communication Engg. (E&C)	DCE	1
B.E Computer Engg (COE)	DCE	2
B.E. Electrical Engg. (EE)	DCE	3
B.E. Mechanical Engg. (ME)	DCE	4
B.E Production & Industrial Engg. (P&I)	DCE	5
B.E. Civil Engg. (CE)	DCE	6
B.E. Environmental Engg. (ENE)	DCE	7
B.E. Polymer Science & Chemical Technology (PCT)	DCE	8
B.E. Information Technology	DCE	9
B.E. Bio-Tech (BT)	DCE	10
B.E. Electronics & Communication Engg. (E&C)	NSIT	11
B.E Computer Engg (COE)	NSIT	12
B.E. Instrumentation & Control Engg. (IEC)	NSIT	13
B.E. Manufacturing Process & Automation Engg. (MPA)	NSIT	14
B.E. Information Technology	NSIT	15
B.E. Bio-Technology (BT)	NSIT	16
The option once exercised will be treated as the final. No change in the order of preference will be permitted subsequently.		

Note: Since the admission to B.E. Courses at DCE and NSIT are being done centrally, the transfer of branches on the basis of preference may involve a change of the institution also.

11 According to the requirement for admission a candidate must have passed English as a subject at X class or XII class level. Indicate the higher examination in English passed.

#12,13 & 14 Enter the desired information. Pin-code of the institution is essentially I required.

#15 This certificate is to be signed by the Principal of the School where the candidate studied last. Name and address of the school is to be shown at the appropriate place.

#17, 18, 19 & 20 'Enter the desired information.

#21,22 The undertaking(s) are to be signed by the candidate/parent/guardian as the case may be, with date and place.

3. The completed Application Form for B.E. admission is to he submitted to Administrative Officer, Delhi College of Engineering, Shahbad Daulatpur, Bawana Road, Delhi-110042

The Last date for receipt of the completed Application Form is 04.07.2007 (by 4.00 p.m.)

The College (DCE) shall not be responsible for any postal delay or loss. The candidate must ensure that the Institute/College (DCE) receives duly completed application on or before the last date. All applications received after the last date stand rejected automatically.

3.12 Upgradation to a Branch of Higher Preference

(i) A candidate who has been admitted to a Branch other than his/her first choice, will automatically be transferred, as per his/her merit in CEE-2007, to a Branch of his/her higher preferences as indicated in his/her Application. The list of the students with upgraded Branches will be displayed periodically Notifications in the respect will be issued by the Chairman, B.E. Admission Committee.

(ii) **Freezing**

In case a candidate desires to continue in the branch allotted to him/her at the time of admission or a subsequent upgradation, other than his/her higher preference indicated in his/her Application then he/she must submit, a request in writing to the Chairman, B.E. Admission Committee within 3 days of the admission/allotment of branch for freezing the same. Similarly a branch once upgraded may also be got freezed within three days after the upgradation. However, in case of Delhi General (DG) Category, the freeze request, if any, shall have to be given on the day of initial admission itself and not within three days. Any freeze request made later may not be entertained. The students should further note that a change in branch may involve a change in the Institute as well.

(iii) Once an upgradation list is issued, it is mandatory for the students to shift to the

new branch (and to the new Institute, if any). Request for reversion to the old branch will not be entertained.

(iv) **The syllabus for first Semester for all the branches is the same. No change of section/institution will be done during the first semester classes. Once the final upgraded list is displayed (likely on 31.12.2007), the change of branches/institute will be affected immediately, as per the final list. No. change/shift will be allowed thereafter.**

3.13. Time Schedule

Application

15.06.2007 (Friday) : Date of release of Application Forms

25.06.2007 (Monday) : Last date for receipt of request for Application Form by Post

04.07.2007 (Wednesday) : Last date for selling the Application Forms on Counter at DCE by 1.00 P.M.

04.07.2007 (Wednesday) : Last date for receipt of completed Application Forms, at DCE by 4.00 P.M.

MEDICAL EXAMINATION DATES FOR THE PHYSICALLY HANDICAPPED CANDIDATES. All the candidates have to report as per following schedule.

Date & Time	**Venue** **WUS Health Centre, Chhatra Marg (Near Patel Chest Institute), Maurice Nagar, University of Delhi, Delhi-110007**
09.07.2007 & 10.07.2007 2:30 P.M. (tentative)	All candidates who have applied in the category of Physically Handicapped belonging to Delhi Region.

Notes:

(i) All applicants who wish to be considered under the Physically Challenged category shall have to produce a certificate of physically disability issued by a duly notified Medical Board of a District/Government Hospital setup for examining the physically challenged candidates under the provisions of the Persons with Disability (Equal opportunities, protection of rights and participation) Act 1995. The Certificate should indicate the extent of (i.e. percentage) of the physically handicapped and it should bear the photograph of the candidate concerned and it should be countersigned by one of the Doctors constituting the Board issuing the certificates.

(ii) Physically Handicapped candidates shall also submit two recent passport size photographs at the time of medical examination.

(iii) Only such candidates who have been medically examined from the authorities indicated above will be eligible for consideration for admission scheduled on 16.07.2007

(iv) It is in the interest of the candidates under the Physically Handicapped/Category to submit the application forms well time, preferably by 02.07.2007, for necessary processing by the Admission Committee before these are forwarded to the Medical Board, University of Delhi, Delhi. These candidates are required to submit a photocopy of the application form duly filled by them IN ADDITION TO THE ORIGINAL APPLICATION FORM.

3.14. Schedule of Counselling and Admission

The candidates, called on the basis of the rank obtained in the CEE-2007 and AIEEE-2007, should present themselves for the counselling on the date and time as specified below. A list of the candidates will be displayed on the day of counselling. Only those candidates whose names are listed will be considered for counselling. No. separate lists of selected candidates giving the branches etc. will be displayed.

Reporting Time Place	**One hour before the schedule, unless specified otherwise** Delhi College of Engineering, Bawana Road, Delhi-110042
11.07.2007 (Wednesday) 10.30 A.M.	DT having ranks 1 to 350 in CEE-2007 and ST ranks of 1 to 1,25,000 AIEEE-2007 are to report for counselling
12.07.2007 (Thursday) 10.30 A.M.	All Candidates belonging to CW (All ranks i.e. DW & OW) are to report for counselling.
13.07.2007 (Friday) 10.30 A.M.	The Candidates of DC ranks 1 to 500 are to report for counselling.
14.07.2007 (Saturday) 10.30 A.M.	Candidates of SC ranks 1 to 1,00,000 AIEEE-2007 are to report for counselling.
16.07.2007 (Monday) 10.30 A.M.	All Candidates belong to PH (All ranks) Delhi (DH) in CEE-2007 and outside Delhi (PH) Regions in AIEEE-2007 are to report for counselling.
17.07.2007 (Tuesday) 10.30 A.M.	The Candidates of OP having rank 1 to 10,000 in AIEEE-2007 are to report for counselling
18.07.2007 (Wednesday) 10.30 A.M.	The Candidates of OP having rank 10,001 to 20,000 in AIEEE-2007 are to report for counselling, if seats available

19.07.2007 (Thursday) 10.30 A.M.	The Candidates of DG having rank 1 to 400 in CEE-2007 are to report for counselling.
20.07.2007 (Friday) 10.30 A.M.	The Candidates of DG having rank 401 to 800 in CEE-2007 are to report for counselling.
21.07.2007 (Saturday) 10.30 A.M.	The Candidates of DG having rank 801 to 1200 in CEE-2007 are to report for counselling, if seats are available.
23.07.2007 (Monday) 10.30 A.M.	The Candidates of DG having rank 1201 to 1600 in CEE-2007 are to report for counselling, if seats are available.
24.07.2007 (Tuesday) 10.30 A.M.	The Candidates of DG having rank 1601 to 2000 in CEE-2007 are to report for counselling, if seats are available.
27.07.2007 (Friday) 10.30 A.M.	List of admitted students will be displayed category wise indicating the branch allotted.
01.08.2007 (Wednesday) NSIT	Principal's Address to the new entrants to DCE in the Convocation Hall at 11.00 a.m. followed by registration and orientation.
01.08.2007 (Wednesday) NSIT	Director's Address to the new entrants to NSIT in the Auditorium at 11.00 a.m. followed by registration and orientation.

If the vacancy still persits, candidate next in the merit list to report for counselling, for all categories on 20.08.2007 (Monday) and finally on 31.8.2007 (Friday).

Only one chance for counselling as notified in the Prospectus will be given to the candidates.

MERELY BY CALLING THE CANDIDATES FOR COUNSELLING UNDER CATEGORIES UPTO A SPECIFIED RANK DOES NOT GUARANTEE THEM ADMISSION UNDER ANY OF THE B.E. PROGRAMMES. THE CANDIDATES WILL BE CONSIDERED FOR ADMISSION ACCORDING TO MERIT IF THE VACANCIES STILL PERSIST.

A student who has been duly admitted but has not registered or failed to attend the classes, may submit an application through his/her parent/guardian explaining the reasons. Director/Principal may defer the cancellation of his /her seat if he is satisfied with the explanation.

No admission will be made after 31.08.2007

3.15 Attendance

The attendance of all the students admitted is continuously monitored. The names of those students who have not registered on 01.08.2007 or whose attendance is irregular during the period 02.08.2007 (Thursday) to 13.08.2007 (Monday) will be struck off the rolls without any further reference/intimation.

3.16 Medical Fitness

All fresh admission will be provisional and shall be confirmed only after the candidates have been examined medically according to the norms laid down by the Institute from time to time and found it.

Students applying for admission to the Institute should, however note that various employing agencies (public Sector as well as Private Sector and Govt. Deptts.) have prescribed their own standards of medical fitness for engineering graduates seeking employment in their organization. Those who contemplate to seek employment in those organization in their graduation, should verify for themselves if they satisfy the standards of medical fitness before they decide to join the Institute so as to avoid disappointment later. It should be clearly understood, however, that the Institute takes no responsibility, whatsoever, in this regard.

Academic Calender for 2007-2008 for M.E. /M.Sc.

ODD SEMESTER

01.08.2007 (Wednesday)	Registration of Ist, III, V Semester students & Teaching starts.

MID Semester Examination : September 17-21, 2007 (Monday-Friday)

NSS Day : September 29, 2007 (Saturday)

03.10.2007 (Wednesday)	Display of the mid semester examination answer sheets to the students & submission of marks to HOD by the teachers.

Sports Meet : October 3-17, 2007 (Wednesday - Wednesday)

08.10.2007 (Monday)	III, V Semester Minor Project Submission
08.11.2007 (Thursday)	Teaching ends for I, III, V Semester

End Semester Examination for I, III, V : 19.11.2007 (Monday) onwards

31.12.2007 (Monday)	Submission of End-Semester Examination awards to FOT
01.12.2007 (Saturday) to 06.01.2008 (Sunday)	Winter break, Industrial Training/ Project work

EVEN SEMESTER

07.01.2008 (Monday)	Registration of II, IV, VI Semester students & Teaching starts

MID Semester Examination : March 17-21, 2008 (Monday-Friday)

07.04.2008 (Monday)	Seminar of Major Thesis
08.04.2008 (Tuesday)	Display of the mid semester examination answer sheets to the students & submission of marks to HOD by the teacher

NSS Day : April 12, 2008 (Saturday)

25.04.2008 (Friday)	Teaching ends, for II, IV, VI & VIII semester
28.04.2008 (Monday)	II, IV, VI & VIII Semester Practical & Practical Training Examination

END Semester Examination for II, IV, VI : 12.05.2008 (Monday) onwards

30.05.2008 (Friday)	Last date for submission for Project / Thesis
01.06.2008 (Sunday) to 31.07.2008 (Thursday)	Summer Vocation, Industrial Training / Project work.
16.06.2008 (Monday)	Submission of End Semester Examination awards of FOT
31.07.2008 (Thursday)	Last date for submission of Project / Thesis with late fees
01.08.2008 (Friday)	College Reopens

4.0 POST GRADUATE PROGRAMS

The College admits the students to the following Post Graduate Programs of the University of Delhi :

(i) Master of Engineering (M.E.) Programme
(ii) M.Sc. (Applied Physics) Programme

4.1 Master of Engineering (M.E.) Programmes

The College offers the following M.E. Programme

Departments/Programmes	Number of seats									
	Full Time					Part Time				
1. Civil Engineering	**A**	**B**	**C**	**D**	**E**	**A**	**B**	**C**	**D**	**E**
a) Master of Engg. in Civil Engineering (Structural Engineering)	18	13	3	1	1	5	3	1	0	1
b) Master of Engg. in Civil Engg. (Environmental Engineering)	18	14	3	1	0	5	4	1	–	–
c) Master of Engg. in Civil Engg.	18	14	2	2	–	5	4	0	1	–
2. Electronics & Communication Engg.										
a) Master of Engg. in Electronics & Communication Engineering	18	13	3	1	1	5	4	1	–	–
b) *Master of Engg. in Microwave & Optical Communication Engg.	18	14	2	2	–	–	–	–	–	–
3. Electrical Engineering										
a) Master of Engg. in Electronics Engg. (Control & Instrumentation)	18	13	3	1	1	5	4	1	–	–
b) Master of Engg. in Elect Engineering Power System	18	14	2	2	0	5	4	0	1	–
4. Mechanical Engineering										
a) Master of Engg. in Mech. Engg. (Thermal Engineering)	18	13	3	1	1	5	3	1	–	1
b) Master of Engg. Mech. Engg. (Production Engineering)	18	14	3	1	0	5	4	0	1	0
5. Applied Chemistry										
Master of Engg. in (Polymer Technology)	18	13	3	1	1	5	4	1	–	–
6. Computer Engg.										
Master of Engg. in (Computer Technology & Applications)	18	12	3	2	1	5	4	1	–	–
Grand Total	**198**	**147**	**30**	**15**	**06**	**50**	**38**	**07**	**03**	**02**

A = Total Seats; B= General; C=SC; D=ST and E=PH

*Subject to approval of Delhi University

Note : Full Time Programmes are of 4 semester duration. Part time Programmes are of 6 semester duration.

A few seats not exceeding 50% of the full time total intake of each department over and above the normal intake may be provided to candidates belonging to friendly and developing countries with the approval of Government of India and full time candidate sponsored by Government/Public fulfill the eligibility conditions of 4.2.1 (i) 4.2.2 (i) or 4.2.3 (i), alongwith one year meaningful experience before admission.

Instruction for part-time Programmes are normally arranged from 9.00 a.m. to 11.00 a.m. on 5 days a week and on Saturday / Sundays in necessary. Whenever possible the full-time students and part time students may have Combined classes.

4.2 Educational Qualifications

4.2.1 M.E. (CE.EE.EC.ME/PE)

i) A candidate must have passed the Bachelor's Degree Examination in the appropriate branch of engineering (Electrical/Mechanical/Electronics & Communication/Civil Production/Control & Instrumentation/Computer Engineering) from the University of Delhi or any other Examination recognized by the University Equivalent thereto.

OR

A candidate must have passed in the A.M. I.E. (India) Exam, with appropriate specialisation /Grade I.E. T.E. (lndia), A.M.I.E. (London), A.M. I. Mech. Engg. (London), A.M.I. Structure Engineering, any other examination in the concerned branch recognised as equivalent to B.E. by the University of Delhi.

ii) A candidate for admission to full time PROGRAMME must have qualified in GATE (Graduate Aptitude Test in Engineering).

4.2.2 M.E. (Polymer Technology)

(i) The candidate should have passed B.E. Examination in any branch of Engineering from the University of Delhi or any other Examination recognised by the University equivalent thereto:

OR

M.Sc. (Chemistry) of the University of Delhi or equivalent thereto.

(ii) All the candidates for admission to full-time M.E. Programmes must have qualified in the GATE (Graduate Aptitude Test in Engineering.)

4.2.3 M.E. (Computer Technology and Applications)

(i) The candidate should have passed B.E. (or its equivalent examination as specified in (4.2.1) examination in any branch of Engineering or M.Sc. in Mathematics/Operational Research/Statistics/Computer Science (with Physics at the B.Sc. level) or M.Sc. in Physics/

Electronics Science (with Mathematics at the B.Sc. level) or M.C.A. (with Physics and Mathematics at B.Sc. level) of the University of Delhi or any other examination recognised by the University equivalent there to,

(ii) A candidate for admission to full-time M.E. Programme must have qualified .in the GATE (Graduate Aptitude Test in Engineering)

4.2.4 M.E. (Microwave and optical communication)

i) The candidate should have passed B.E. Examination in Electronics & Communication of the University of Delhi or any other examination recognised by the University equivalent there to.

OR

MSc. Electronics/MSc in Physics with electronics/Radio Physics/Solid State Physics from University of Delhi or any other examination recognised as equivalent by university of Delhi.

ii) A candidate for admission to full-time M.E. Programme must have qualified in the GATE (Graduate Aptitude Test in Engineering)

4.3 Age Requirements

The candidate should have attained the age of 21 years before the first day of October in the year in which he/she seeks admission. However, the Vice Chancellor may relax the age limit to a maximum period of one year.

4.4 The part-time progamme

The following categories of candidates are eligible for admission to these PROGRAMMES provided they satisfy the eligibility requirements as in 4.2.1 (i) or 4.2.2 (i) or 4.2.3 (i)

i) Members working in an Engineering Institution in the National Capital Region, Delhi.

ii) Persons employed in approved reputed Industry/ Research/ Development/ Design/Training Organisations in National Capital Region, Delhi.

iii) The part-time students,

a) must give (i) a clear No objection Certificate (without qualifying conditions) and (ii) Permission to undergo any training/project outside Delhi for about one month. This must be submitted along with the application form.

b) will be required to continue in such employment during entire period of the Programme.

c) must have had meaningful experience of 1 year before admission.

iv) No admission will be made directly to the second year of the Programme.

4.5 Sponsored Candidates

A government organisation or a reputed industry in the National Capital Region of Delhi may sponsor candidates for full-time PROGRAMMES in various specializations provided they satisfy the eligibility requirements as per 4.2.1 (i) or 4.2.2. (i) or 4.2.3. (i) or 4.2.4 (i) and must have meaningful experience of one year before admission.

4.6 Reservation

i) In a post graduate Programme where the number of seats is less than 7, no seat will be reserved for scheduled caste. Where number of seats is 7 or more than 7 and less than 15, 15% of the seats will be reserved for scheduled caste candidates (if no scheduled caste candidate is available, the seats would go to a scheduled tribe candidate, if available). Where the number of seats is 15 or more, reservation @ 15 % and 7.5% of the seats will be made for scheduled caste and scheduled tribes candidates (inter-changeable) respectively, The reservation will be implemented Department-wise.

ii) For reserved category of Scheduled Castes/Scheduled Tribes the minimum eligibility for admission to Post-graduate Programmes will be the minimum pass marks of the University of Delhi. The Scheduled Caste/Scheduled Tribes candidates who had passed the qualifying examination from other Universities, should have secured at least the same percentage of marks at the qualifying examination (equivalent examination of Delhi University) for purpose of admission to the post graduate Programmes,

iii) If the requisite number of Scheduled Castes/Scheduled Tribes candidates are not available by the last date fixed by the university for admission to each Programme, the remaining seats will be treated as unreserved and filled from the general category.

iv) (3%) seats in post graduate programme will be reserved for candidates with physical disability. These reservation will be implemented department wise In post graduate courses. Candidates seeking admission under reservation shall be required to fulfil other criteria of admission as detailed in eligibility conditions except relaxation of 5% marks in the minimum eligibility conditions. The 3% reservation may be allocated as follows: 1 % for persons with low vision or blindness; 1 % for hearing impaired; 1 % for those with locomotor disabilities and or cerebral palsy.

In the M.E. Programmes one Defence Research & Development Organisation sponsored candidate to each Programme, duly selected through DRDO selection interviews, which are participated in by the respective Heads of Departments.

4.7 Procedure for Obtaining Application Form

Prospectus with the application form can be obtained from the Delhi College of Engineering, Bawana Road, Delhi-ll0042 either in person on payment of Rs. 500/- by Demend Draft, or by post on remitting Rs. 600/- drawn in favour of the Principal, Delhi College of Engineering, Delhi and payable at Delhi. No other mode of payment is acceptable. The written request by post must indicate:

i) Applicant's name and address to which the application form is to be sent.

ii) Details of payment

iii) PROGRAMME for which the application form is sought. [M.E.]

iv) Three slips of paper of size 10 cm x 5 cm containing the address to which the application form is to be sent. Candidates asking for application form by post must write on the top of the envelope "Request for Application Form for M.E. PROGRAMME". The request by post should reach the college on or before 28.06.2007

No admission will be made after 31.08.2007

4.8 Instructions to the Applicant of M.E. Programmes for Filling Application

1. Read all the instructions carefully before filling the form. Make sure that you are eligible for Admission.

2. Use Capital letters in filling the application form.

3. One recent passport size photograph is to be pasted at the proper place on the application form.

4. Copies of the following certificates are to be enclosed.

   a) Proof of date of birth.

   b) Proof of passing B.Sc. (Engg.) /B.E./M.Sc. or equivalent.

   c) Mark sheets of all subjects offered for the B.E./B.Sc. Engg. Programme or Equivalent or corresponding examinations in case of other qualifications.

d) For admission to a seat reserved for Scheduled Caste/ Tribe, a certificate in original from an approved district authority stating the Scheduled Caste/Tribe to which the candidate belongs. A list of approved authorities, is given at para 3.6

e) In case of applications to the part-time Programmes or full-time sponsored" a certificate from the employer is to be given on the prescribed form provided in the application/ prospectus.

5. Write your address on the acknowledgment card.

Last date for receipt of completed application form 09.07.2007 College is not responsible for any postal delay or loss, candidates must ensure themselves that College receive the application on or before the due date. All the applications received after the due date stand rejected automatically.

4.9 Selection Procedure

All the applications received will be short listed on the basis performance in GATE qualifying examination respectively for Full-time and Part-time Programmes. The short listed candidates will be called for interview on the prescribed dates.

a) All the applicants (both the full-time and part-time Programmes) must appear for an interview before the appropriate board constituted as follows:

1. Head of the concerned Department in the College (Chairman).
2. All the Professors in the respective Department.
3. The Head of other Engineering Departments or their nominees.
4. Two assistant professors in the concerned department by rotation in order of seniority.

b) Admission of a sponsored candidate for full time Programmes (without scholarship) will be governed by merit as per the procedure laid down for the admission in 4.5.

c) The merit lists of the candidates for admission to M.E. Programmes will be prepared by apportioning the following weightages.

Full Time

Maximum marks		**100**
1.	Weightage for GATE Score	80% of percentile
2.	Interview/Viva-voce	20%

Part-Time and Sponsored

1.	Weightage for Score of Qualification Examination	50%
2.	Written Test Conducted by College	30%
3.	Interview/Viva-voce	20%

Candidates securing less than 50% marks in the above procedure will not be admitted. All admission will be made in the order of merit.

Note: Full-time sponsored candidates must submit a sponsorship certificate in the following:

Certificate for Full time Sponsored Candidate for M.E. Programmes

Certified that Mr./Mrs. .....

employed as ..... in .....

is sponsored to pursue full-time M.E. Programme in .....

..... Department in the specilisation of .....

..... for the year 2007-2008

During the entire period of the Progamme of 24 months Mr./Mrs.....

..... will be on full/half/without pay study leave from the oganisation and

will not be transferred out of Delhi or called back during the period of study.

Date :
Place :

Signature of Competent Authority
of the organisation with Seal

d The programme for selection is as follows:

Interview for part-time candidates	10:00 a.m. 24.07.2007
Interview for full time candidates	10:00 a.m. 25.07.2007

List of eligible candidates for interview & test shall be made available on college website www.dce.ac.in

Note: Candidates are advised to make railway reservation etc. before hand.

Note :-

i) Interview is compulsory.

ii) If any candidate fails to appear in the interview on the scheduled date, he/she will not be considered for admission.

iii) The list of selected candidates along with the wait-list will be put up on the notice board of the concerned department on 27.07.2007.

iv) Selected candidates will be required to submit the original certificate and GATE score card in the concerned department on any working day upto 31.07.2007. They will be given admission slip. They should pay the fees at the fee counter and show the receipt in the department.

v) In case some seats are still unfilled, these will be offered to the wait listed candidates. The candidates who have been wait-listed as announced on 27.07.2007 should report to the department at 10.00 a.m. on 01.08.2007 and the seats will be filled by the wait listed candidates present in order of merit. These candidates shall be required to submit the original certificate and pay the fees by 02.08.2007. Any subsequent vacancies will be filled from the remaining wait-listed candidates in the order of merit.

vi) M.E. Classes will commence from 01.08.2007

vii) No admission will be made directly to the second or higher semester of the Programme.

4.10 M.Sc. Program

The College offers M.Sc. 3 year ((Part-time) Programme in Applied Physics with an intake of 10. The Programme is spread over a period of three years and each year is divided into two semesters. Instruction for students is normally arranged from 9.00 a.m. to 11.00 a.m. on five days a week and on Saturdays / Sundays, if necessary. In addition, the students shall be required to attend laboratory classes during summer and winter vacation till the 5th semester. In the 6th semester they have to work on a project and submit a project report.

4.10.1 Eligibility for Admission

a) A candidate who has passed B.Sc. (Hons.) in Physics or Electronics or B.Sc. (Gen.) Group A (Physics, Mathematics and Chemistry or Electronic Science or Computer Science) Examination of Delhi University or an Examination recognised as equivalent thereto with a minimum of 55% marks in aggregate under 10+2+3 scheme (50% for SC & ST).

OR

Minimum of 60% marks in aggregate under any other scheme (55% for SC and ST) leading to B.Sc. (Hons.) Degree in Physics or B.Sc. Degree with Physics, Mathematics & Chemistry or Electronic Science or Computer Science.

b) A candidate should be employed in approved industry/laboratory in National Capital Region, Delhi for at least 12 months and should be sponsored by his/ her employer.

c) Age requirements etc. as same as M.E. (clause 4.3)

4.10.2 Procedure for obtaining Application Form refer to clause No. 4.7.

4.10.3 Instruction to the Applicants of M.Sc. (Applied Physics) Program for filling Application Form

1. Read all the instructions carefully before filling the form. Make sure that you are eligible for admission.

2. Use block letters in filling the application form.

3. One recent passport size photograph is to be pasted at the proper place on the application form.

4. Copies of the certificates-a) Proof of date birth: b) Proof of passing B.Sc. (General) or B.Sc. (Hons.) Examination or equivalent: c) Mark sheets of all the examinations conducted by the University: d) A certificate from the employer sponsoring the candidate is to be given on the prescribed form provided in the applications. In case of candidates from Scheduled Caste/Tribes, a certificate in original from an approved district authority stating the Scheduled Caste/Tribe, to which the candidate belongs. A list of approved authorities is given at para 3.6, must be enclosed.

5. Write your address on acknowledgment card.

Last date for receipt of completed application Form is 09.07.2007 College is not responsible for any postal delay or loss. Candidates must ensure for themselves that College receives the application on or before the due date. All applications received after the due date stand rejected automatically.

4.10.4 Selection Procedure

All eligible applicants for M.Sc. (Applied Physics) will be required to take written test to be conducted by the college and also to appear for an interview before a board comprising:

i) Head of Physics Department in the College.

ii) Professors and Asstt. Professors in the Department.

iii) Heads of the Department of Applied Mathematics and Applied Chemistry in the College.

iv) Head of the Department of Electrical Engineering or his nominee.

All the eligible candidates will be informed of the syllabus for the written test which will be conducted on 25.07.2007 from 10 A.M. to 11 A.M. The candidates will be interviewed the same day at 2 P.M. The merit list of candidates for admission to M.Sc. (Applied Physics) Programme will be prepared by apportioning the following weightage

to their performance in the qualifying examination (on the basis of which they have sought admission) and the written test and Viva Voce mentioned as below:

	Max. Marks
Qualifying Examination aggregate	50
Written test	30
Viva Voce	20
Total	100

Note:

i) Written test and Viva Voce are compulsory.

ii) If any candidate fails to appear in the test, Interview/Viva Voce on the scheduled date, he/she will not be considered for admission.

iii) The list of selected candidates will be put up on the notice board of the Physics Department on 27.7.2007

iv) Selected Candidates will be required to submit the original Certificate and pay fees at the time of admission upto 31.07.2007

v) No admission will be made directly to second or higher year of the Programme.

vi) Candidates securing less than 45% in the merit list will not be admitted. Admission will be made strictly in the order of merit.

vii) For purposes of merit, weightage of 5 marks will be given to candidates passing B.Sc. (Hons.) Programme in Physics from Delhi University or equivalent examinations.

5. ADMISSION FOR Ph.D. PROGRAM

The college admits Full time scholars for a duration of 4 years. The areas in which the scholarships are available under the various departments are given below:

a) **Electrical / Electronics & Communication / Computer Engineering Departments :** Electrical Machines and Drives, Power Systems, Control Systems, Power Electronics, Microwave Communication, DSP, Micro electronics Devises, VLSI/Fault-Tolerant Computing.

b) **Mechanical Engineering:** Thermal Engineering, I C Engines, Turbo-machinery, Stress Analysis, Fluid Mechanics, Metal Forming and Foundry Technology, Industrial and Technology Management, Flexible Manufacturing and Automation.

c) **Civil Engineering:** Structural Engg., Structural Dynamics, Earthquake Engg. Water Resources Engg., Environmental Engg, Experimental Machinics.

d) **Applied Physics**: Material Science & Superconductivity, Thin-films, Fibre optics and Optical communication and Quantum electronics.

e) **Applied Chemistry:** Polymer Science & Technology, Material Science and Polymer Composites, Ion-exchange, Electro Chemistry, Chemical Themodynamics.

f) **Applied Mathematics:** Graph Theory, Information Theory, Numerical Simulation, Number Theory and Combinatorics, Relativistic Cosmological Models, Algebra, Approximation Theory.

g) **Humanities:** Applied Economics, Engineering Economics, Labour Market Analysis, Techno-Economics Impact of Education.

5.1 Educational Qualifications

The minimum eligibility conditions for the admission to Ph.D Programme under the Faculty of Technology are as follows:

i) **For Engineering Disciplines:** Degree in Master of Engineering/Master of Technology (ME/M. Tech.) in the appropriate, branch from a recognised University/Institution, minimum 55% marks.

ii) **For Applied Sciences:** Degree in Master of Science (M.Sc.) in the appropriate branch from a recognised University/Institution, minimum 55% marks.

5.2 Procedure for Obtaining Application Form :

Prospectus of this college along with the application form can be obtained from Delhi College of Engineering, Bawana Road, Delhi-l10042 either in person on submission of a Demand Draft/ Pay Order of Rs. 500/- at the College counter, or by post on remission Rs. 600/- by a Demand Draft/ Pay Order, drawn in favour of the Principal, Delhi College of Engineering Delhi and payable at Delhi. No other mode of payment is acceptable, the written request by post must indicate the following;

i) Applicant's name and the address to which the application form is to be sent.

ii) Details of Payment

iii) Programmes for which the application form is sought. [Ph.D]

iv) Three slips of paper size 10 cm x 5 cm containing the address to which the application form is to be sent, candidates asking for application form by post must write on the top of the envelope "Request for Application Form for Ph.D. Programme", the request by post should reach the college on or before 17.07.2007. Requests received after that will not be entertained.

Last date for receipt of completed application form is 30.07.2007. College is not responsible for any postal delay or loss, candidates must ensure themselves that College receives the application on or before the due date. All the applications received after the due date stand rejected automatically.

5.3 Selection Procedure

The eligible candidates will be called for personal interview in Delhi College of Engineering for which no TA/DA will be admissible. The selection for full time Ph.D. Scholars will be made by the College Research Council comprising of the Principal and all HODs. The selected candidates will be required to pay the fees etc. after getting intimation of their selection.

6. ADMISSION FOR B.TECH. PART-TIME PROGRAMS

The college admits the students for the following B.Tech. Programs of 4 years duration.

Classes are held 6 days a week in the evening from 6.00 pm to 9.00 pm. Some classes may be scheduled for holidays and Sundays during the daytime.

	BRANCHES	INTAKE
1.	B. Tech. (Electrical Engineering)	30
2.	B. Tech. (Electronics & Communication)	30
3.	B. Tech. (Mechanical Engineering)	30
4.	B. Tech. (Civil Engineering)	30
	TOTAL	120

6.1 Eligibility Conditions

A candidate seeking admission to a Programme of study for the degree of B. Tech. (Electrical / Electronics & Communication / Mechanical / Civil Engineering) must have passed the following exam:

a) A State Diploma Examination of 3 Years duration in corresponding branch or any other examination recognised as equivalent there to by the University of Delhi with a minimum aggregate of 55% (45% for Scheduled Caste/Scheduled Tribe candidates).

b) "After passing the said examination, a candidate must be in full time employment, training or apprenticeship in installation, operation and maintenance or some other recognised field of work in an approved engineering works/organisation, located in the National Capital Region, Delhi and contiguous industrial areas in the relevant branch of engineering for a period of not less than one year on the 1st day of October of the year of Entrance Examination and should continue to be in employment for the entire duration of the Programme."

Note: i) "Passing the said examination" will be construed to imply the date of last examination (Annual or otherwise) taken by the candidate leading to Complete Fulfillment of the requirements for the award of three years, State Board Diploma.

ii) The candidate must produce a "No Objection Certificate" in the prescribed form from the employer.

Note: The "No Objection Certificate" issued by the employer be renewed annually.

c) The candidate must have attained 19 years of age before the First October of the year of admission.

d) The candidate must appear in the B.Tech. Entrance Examination (Dates for which have already been notified) and selection will be made on the basis of the merit in the Entrance Examination. .

Note: i) No admission will be made after 31.08.2007.

ii) No admission will be made directly to the second or subsequent year of the Programme.

6.2 Reservations

The seats carry the following reservations:

a) For Scheduled Castes candidates 15% and for Scheduled Tribes candidates 7.5% in each Programme.

b) One seat in each Programme for eligible candidates from amongst the staff of Delhi College of Engineering/ Netaji Subhas Institute of Technology/ Industrial training Institutes and Polytechnics run by Government of Delhi. Such candidates shall also appear in the Entrance Examination and compete amongst themselves for a seat in each branch. Candidates applying for staff seat should route their applications through the Principal/Director Technical Education, Govt. of NCT, Delhi in the case of Polytechnics/ITIs.

c) 3% of the total seats are reserved for Physically Handicapped. These 3% reservation may be allocated as follows: 1% for persons with low vision or blindness, 1% for hearing impaired, 1% for those with locomotor disability and or cerebral palsy.

6.3 Selection Procedure

Selection will be made strictly on the basis of merit in a written test which will consist of Two Parts in one paper of 3 hours duration. The first part will be common to all and the second part will be specific for each Programme.

The exact date for entrance examination and the application forms have already been advertised separately.

7. FEES STRUCTURE

Fee from Indian Students

S. No.	Item of Fee	B.E./ B.Tech. (Rs.)	M.E. FT/PT (Rs.)	M.Sc. (PT) (Rs.)	Ph.D. (Rs.)
1.	**Govt. Component (per annum)**	18,000/-	20,500/-	20,500/-	20,500/-
2.	**Non Govt. Component (per annum)** (Co-curricular activities, Training & Placement, Extra curricular activities, Annual Gathering, Students Welfare, Institutional Development, Misc. Expenditure on Unspecified items)	4,500/-	4,500/-	4,500/-	4,500/-
	Total	**22,500/-**	**25,000/-**	**25,000/-**	**25,000/-**
3.	**Security Deposit (refundable)** (Payable only at the time of Admission)	5,000/-	5,000/-	5,000/-	5,000/-
4.	**University Fee**				
(i)	Enrolment Fee payable only at the time of admission	250/-	FT 150/- PT 200/-	200/-	200/-
(ii)	Development Fee (per annum)	300/-	300/-	300/-	300/-
(iii)	Examination Fee & other fee	2,000/-	2,000/-	2000/-	–
(iv)	D.U. Library Fee { per annum:	–	–	200/-	–
	{ one time (refundable) :	–	–	500/-	–
	Grand Total (Fee payable at the time of admission) in Demand Draft	**30,050/-**	**FT 32,450/- PT 32,500/-**	**33,200/-**	**30,500/-**

All students way have to pay Rs. 1000/- only against life membership of DCE Alumni Association

The fees are to be paid by Demand Draft drawn in favour of Principal, Delhi College of Engineering, Delhi payable at Delhi. No Part payment will be accepted. No other mode of payment is acceptable.

Fee for foreign students (UG US$ 2900 + Rs. 4500 (at the time of admission) + University Fee Rs. 2500/-)

Additional Payment by Foreign Students

University registration Fee and special fee from every Foreign student, seeking admission to a programme of study in DCE will be charged at the rates given below:

Registration Fee (Payable to the University of Delhi)

1. Seeking admission to Graduate Programmes # US $ 300
2. Seeking admission to PG Programmes *US $ 400
3. Seeking admission to a Program * leading US $ 500 to research work
4. **Special Fee (payable to the college), per student per year US $ 100**

Applicable to MHRD sponsored candidates. No direct admission is offered at the UG Level by the Institution.

* NOC from MHRD is must. Candidates can directly apply to institutions for registration

All Deposit are payable in full on admission and the refundable securities are refunded only when the student leaves the Institute after deducting all the dues as determined by the Institute. Security Deposit, will be forfeited by the Institutes if it is not claimed within three years of the candidates's ceasing to be on the rolls of the Institute and shall be deposited to Govt. Account.

For refund of Security Deposit, the student should apply through the Principal/Director of the Institution he/she joins, enclosing therewith Original Fee Receipt, Admission Slip failing which no refund will be admissible. The students shall apply for security on production of Original Fee Receipt to the respective College/Institution to which the fee has been deposited at the time of admission.

Those applying for **withdrawal of admission before 31.08.2007** will be refunded their dues at admissible rates given below.

1. If a student applies for withdrawal of admission on or before the last date of admission through first phase of counseling (i.e. on or 31.07.2007, then a sum of Rs. 5,000/- will be deducted from the fee deposited the students.

2. If a student applies for withdrawal after first phase of counseling, but on or before the last date of closing of admission i.e 31.08.2007, then a sum of Rs. 10,000/- will be deducted from the fee deposited by the students.

3. If a student withdraws after last date of closing of admission, only the refundable security will be refunded.

However, the refundable dues will be paid only after 31.12.2007 once the **admission formalities have been completely frozen.**

8. INFRASTRUCTURE & FACILITIES

8.1 Library

Libraries are backbone of any civilized society and heart of any academic institution. Thus the library at Delhi College of Engineering also acquires a prominent place among the students and faculty. Situated in a three storied centrally air-conditioned Building spread over an area of 5000 squire meters, it is a central place for academic and research activities. The library has a well equipped conference hall with the seating capacity of 150 for academic discussions and reading rooms for 300 users. The Library has a very rich collection of relevant books and journals. The total collection of the library is more than 107136 in main library, 41054 in General Books bank, 9057 in SCP Book Bank and 2681 received through donation. Library budget for book and journals etc. for the year 2007-2008 is Rs. Two crore.

The library services at Delhi College of Engineering are provided to students, staff & faculty members for updating their knowledge and supporting the research and teaching / learning activities.

These services are provided through the central library and departmental libraries. Keeping in view the fast changes in technology, the knowledge base of the library is updated regularly by way of adding new literature in the form of text books, reference books, reports, proceedings, abstracts & indexes, encyclopedias, data books, standards (National & International) Journals & database on CD-ROM. Apart from adding the new literature, the basic literature is also procured for the new programmes along with current one. Some new section and services are also being started to make the library services of ISO 9001 standard.

Prof. S.K. Khanna, Former Chairman AICTE, inaugurates, `Sensitization Workshop on Information Literacy' in Central Library of the College

Main Library

This section has a rich collection of more than 65 thousand unique Titles, covering almost all areas of Engineering, Science & Technology and is open to all students & faculty members, from where they can borrow the required books as per rules.

Book Banks

The College runs a Book Bank intended to assists students, from the economically weaker sections of society, by giving text books on loan to deserving students for the whole academic semester according to the rules framed for the purpose.

The College also runs a Book Bank specially meant for Scheduled Caste and Scheduled Tribe students who can borrow books from the Bank for the whole academic semester according to the rules framed for this purpose.

Reference Section

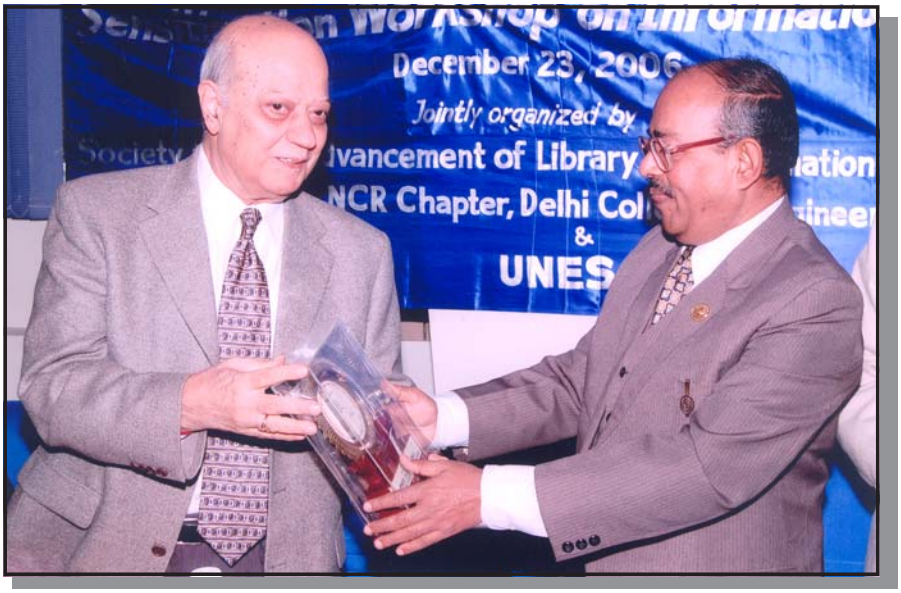
A large number of Encyclopedias, Handbooks, Standards, Reports, Proceedings, Abstracts & Indexes, Data Books, standards, (National & International) are available in the Library.

Additional Reading Section

The library also has a collection of good books on English and Hindi Literature for leisure reading and on the other important subjects like History, Sociology etc.

Journals/Periodicals Section

Journals being the primary source of information are essential to supplement the research activities and are required regularly, Hence Library has good collections of Indian and foreign journals on various subjects of science & technology.



Prof. D.Goldar, Principal, presents momento to Prof. S.K. Khanna, Former Chairman AICTE, at the function of `Sensitization Workshop on information literacy

On-Line Journals

A number of foreign & Indian journals are being subscribed on-line to facilitate the on going research activities & to expand the areas of future research activities. The online Journals are being subscribed including IEL, ASME, ASCE, Science Direct and Springer Link.

Reprography Section

The facilities like Photocopy, Printing, Scanning, Spiral binding, Lamination etc. are provided to the students on payment basis within the premises of the library.

CD-Rom Access to Engineering & Scientific Data Base

Various CD-ROM database i.e. BIS, ASTM, EI-index etc. are being subscribed. Apart from these databases, library also has a good collection of books on CD-ROM and video recordings.

Automation of Library & Services

To keep pace with ongoing technological changes the library records have been computerized for making it accessible to the faculty & students at their work places which not only save the time but also make the simultaneous multiple access of information which otherwise is not possible in print formats. Well known Library management software namely Libsys- 4 is being used for the automation of library services. 73 Pentium IV machines are provided to facilitate the retrieval of information through internet and intranet. Online Public Access Catalogue (OPAC) of books, Journals CDs and Videos available in the library is accessible to the users on intranet. Several useful resources on engineering and technology available on internet have been identified and links are made available on the library Web page http:// www.dce.ac.in / library/ which includes: list of subscribed and free on -line journals / resources / references / databases in Engineering, Science and Technology, list of research papers available through institutional archives

Electronic Resource Centre

The library being the member of consortia of Indian Digital Library of Engineering and Technology (INDEST) and Developing Library Network (DELNET) offers various facilities of member institutions through resource sharing. To provide the efficient management, the constant vigil is kept on the activities of staff and users through Electronic Surveillance system having a 24 hours recording facility and to keep the library services automated, the following work is regularly carried out:

- Data update of Existing Collection/Records Data Entry of New Arrivals.

- Bar Coding of Existing Collection/Records Data Entry of New Arrivals
- Bar Coding of Membership Cards and Incoming Records/Documents
- Procurement/up gradation of Hardware & Software

Continuous Internet search is done for identification of new resources for subsequent development of library home page.

8.2 Computer Center

DCE is having a well equipped centralized computer center to cater the high profile students and faculty in the college. It is housed,in a magnificent state-of the art building having specialized laboratories to provide variety of platforms and computing environment for Va, PG and research students. The center possesses number of servers and over 150 Compaq Pentium-IV computer systems which have been added in the academic session 2003-04. In addition the center has 5 SUN CAD workstations meant for use by VG/PG/PhD students for their projects and research work. The center is fully networked through high- end intelligent CISCO switch, and possesses round the clock 2 Mbps leased line, ISDN and a 4 Mbps leased line in a different pipe for the Wi-Fi connectivity for the academic, administrative and hostel blocks of the campus, with internet facilities on all the nodes. It is also having the latest versions of compilers, scientific, technical and engineering software, training kits etc. for the students of different branches of engineering. During 2004-2005, 200 Pentium -IV have also been added in the center. College also possesses over 600 P-III and P-IV, 6 server computer systems installed in various labs.

Computer programming is an integral part of BE/ME/M.Sc/PhD programs. Besides computer center is also used for conduct of short term training programs for staff and faculty.

Further computer center houses the ***Microsoft MSDN Academy*** with licensed Microsoft softwares made available to all the faculty and students.

DCE is also the nodal academy for information storage and management solutions through its DCE-EMC Academy that conducts training programs at the department of Computer center for faculty of all the engineering institutions in North India twice every year.

DCE Campus wide Network

Present Setup

DCE presently has around 150 computers connected as a LAN in its computer center in its two floors providing internet access (2 Mbps) and programming facilities to all software related laboratories of all the departments of the college, predominantly CaE, IT, ECE, EE and Maths departments.

The academic buildings/library/administrative blocks and all the hostels of DCE are interconnected using Wi-Fi with limited number of access points. The Administrative Block, Training and Placement Block, Convocation Hall and Library are also connected via CAT 5 cables.

Each of the departments need to have their own LANs to be later interconnected using the proposed Optical Fiber Cable Network (OFCN). COE department has its laboratories connected with its LAN as of now and Admin Block is partially networked.

The present network setup satisfies only the basic needs of the Institute's rudimentary Internet connectivity and minimal resource sharing for the connected departments. To put DCE on par with IITs and reputed NITs, it is necessary to use Information Technology as the backone for its academic, research, consultancy and administrative ventures and hence m the academic year ending March 2007 we have placed orders for 4 high end servers, gateway security solution system, E-mail server software, Internet bandwidth of 4 Mbps and 170 high end PC's for faculty members.

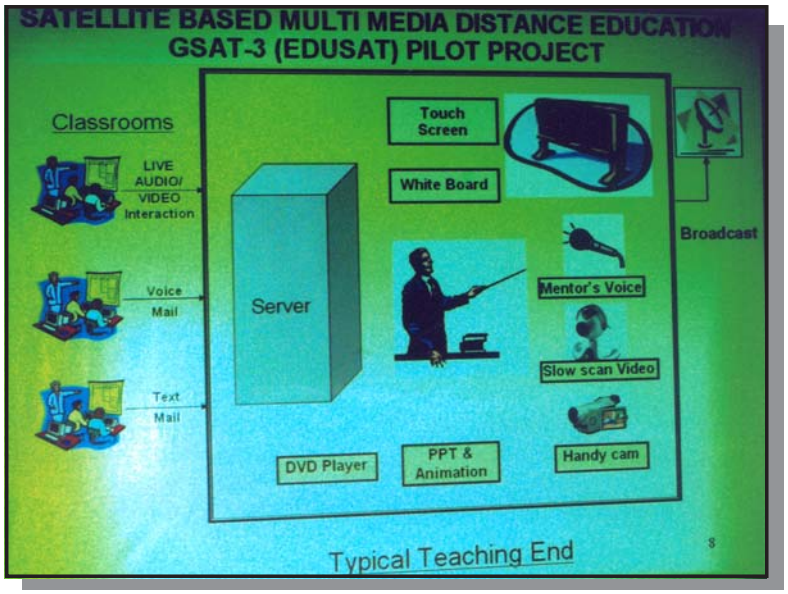
Shri Mukesh Prasad, Secretary (TTE) Govt. of NCT Delhi and Prof. D. Goldar,
Principal DCE, listen to the presentation by Mr. Gaggar from ISRO for setting up , EDUSAT Network

The main objectives of computer center are:

- Setting up of local LANs in all the departments of DCE wherever the same has not yet been.
- Extending the LANs of the departments by a canopy based wireless system so that all the buildings including academic, administrative, residential, hostel and creating hot zones throughout these areas.
- Ensuring that all new buildings are brought under the network .Extending the network to the Student hostels and Faculty residences at an affordable cost so that the already existing PCs and LANs in these areas can also be connected to the network.
- Widening the bandwidth to satisfy its ever increasing academic and research demands from the present 6 Mbps to 10 Mbps.
- Ensuring that all staff and students are connected.
- Deploying IT based services for' the workflow and academics activities and ensure E-Governance.

The Canopy System with Tropos Routers Planned for DCE:

It is proposed to have a mesh topology in the Canopy system with tropos routers for DCE. In urban corridors, large buildings can block the radio signal, while in suburban or rural settings, hills, trees, and other obstructions have a similar effect. Mesh topology creates wireless networks that use multi-hop paths to transmit IP packets between the initiation and termination points. The ability to use different paths between any two points, based on the detected conditions (interference, power outage, obstructions, etc.) allows path redundancy that, in combination with relaxed LOS requirements, results in a very flexible and reliable



A presentation by ISRO Scientist for EDUSAT Network

8.3 Hostels

Hostel accommodation for students on rolls will be allotted to full-time day students by the College Hostel Committee. Application for hostel seats should be submitted in the prescribed form. No ex-student shall be allotted any hostel accommodation.

DCE is having 9 Boys's and 3 Girls hostels in the campus to accommodate 1100 boys and 250 girls. These hostels are named as:

Boys Hostels (9):

1. Bhaskaracharya Hostel
2. Sir C. V. Raman Hostel
3. Sir I.C. Bose Hostel
4 Varahmihir Hostel
5. Sir Visversvaraya Hostel
6. Vivekanand Hostel
7. Subhas Chandra Bose Hostel (Type 1)
8. Chandra Shekhar Azad Hostel (Type 4)
9. P.G Hostel

Girls Hostels (3)

10. Sister Nivediata Hostel
11. Type V Girls Hostel
12. P.G Girls Hostels

The allotment of accommodation to the boys and girls in the Hostel will be made on the following priority, subject to availability of seats in the hostels:

i) The first preference for Hostel Accommodation for the 1st semester B.E. student will be given to the out side Delhi Category. Those from out side of Delhi, but studied in Delhi will be given hostel accommodation at par with outside Delhi students provided they produce certificate for their stay in hostels.

ii) Those within fifteen (15) km radius will not be provided Hostel Accommodation and the others will get Hostel Accommodation as per the distance in between the college and their Residence.

Hostel Fee

	Amount in Rs.
Hostel Room Rent (Per Semester)	2000/-
Electricity & Water Charges (Per Semester)	500/-
Hostel/Mess Establishment, Services & Maintenance Fee (Per Semester)	500/-
Medical Fees (One time)	100/
Mess Advance (Advance for 2 months)	2000/-
Mess Security Deposit (Refundable)	2000/-
Hostel Security Deposit (Refundable)	2000/-
Furniture Security (Refundable)	1000/-
Grand Total	10,100/-

Note :

1. Hostel rent is payable in advance at the beginning of the semester, "Rent" also includes furniture rent.
2. Mess Advance for two months adjustable when the student leaves the mess.
3. Actual mess bill will be calculated on month to month basis. At present it varies between Rs. 800/- per month to Rs. 1000/- per month.

New PG Hostel

4. All the hostel residents are required to vacate their rooms within one week of the last examination each year. The rooms will be re-allocated at the beginning of the academic session.

5. Students who are required to stay in the Hostel beyond the first or second term, for genuine reason, under special circumstances will be allowed on payment of @ Rs. 600/- per month (Rent plus elect/water charges).

6. At any time during the Programme, a student may be required to pay additional deposits or fees to cover increased cost.

7. For all enquiries regarding Hostel accommodation, students should contact the Hostel office in Transit hostel in the College.

8.4 Sports

The students of Delhi College of Engineering are provided with excellent facilities and encouraged to take part in the tournaments held in and around N.C.R. Delhi, , particulars, engineering institutions.

Delhi College of Engineering is having 450 m. track, ground for Football, Hockey, Cricket, two courts for Volely ball, two courts for basketball, three courts for Tennis Iand five courts for Badminton, Table Tennis rooms, Chess Rooms, Carrom Rooms and Gyms are also available in the each hostel of the college campus.

Sports council of Delhi College of Engineering has organized several tournaments \ during 2006-2007 academic sessions. Tentative dates of Sports ARENA-2007 all 3rd Oct. to 17th Oct. 2007.

8.5 Canteen & Shopping Plaza

The college has two stoery canteen building. Separate space is provided for boys & girls students and first floor is exclusively reserved for the faculty. Most modem kitchen with appropriate facilities keeping hygiene in mind have been provided in the Canteen.

A shopping plaza is also in the Campus where day to day need of students viz stationery, photocopy, PCO, Fax, Souvenir, Books and general items all available. Also College is having an extension counter and ATM of SBI.

8.6 Medical Facilities

The DCE is having a full-fledged 20 bed hospital block. Services of two medical practitioners are available to the students throughout day and evening. The college invites specialized medical practitioners for ENT, Eye, Dental care, Nutrition experts once a week. College is having tie-up with several hospitals for emergency. A large number of hospitals are in the vicnity of the college; some of them are Saroj Hospital, Mahavir Hospital, Jaipur Golden Hospital, Akansh nurshing home etc.

FESTIVE MOODS

Mrs. Aparna Goldar & Prof. D.Goldar, participate in the Lohri festival with staff & students on January 13, 2007

A moment of joy & happiness during the celebration of Lohri festival of January 13, 2007

Principal Prof. D. Goldar salutes the Tri Colour at the flag hoisting ceremony on Republic Day 26 January, 2007

FESTIVE MOODS

A moment of National pride on
Republic Day, January 26, 2007

Republic Day celebation by
children of the college staff

ISKCON preacher from USA with
Principal & faculity

9.0 CO-CURRICULAR ACTIVITIES

For the first time in the history of Delhi College of Engineering, a full week known as DCE Festival Week 2007 was celebrated, that marked the beginning of a new and innovative tradition- a tradition of bringing all types of technical as well as cultural activities under one umbrella. The Festival Week began on the **18th of February, 2007** with the inaugural ceremony that was presided by **Dr. A.K. Walia, Hon'ble Minister Govt. of NCT of Delhi,** as the Chief Guest and **Dr. G Narendra Kumar, Secretary, TTE** as the Guest of Honour. The fest comprised of the following individual technical and cultural festivals—

- **Troika**, the annual technical festival of **IEEE** Student Chapter, DCE
- **Innova,** the annual technical festival of **SEM** Student Chapter, DCE
- **Rennaissance**, the annual technical festival of **IET** Student Chapter, DCE
- **Tatva,** the annual technical festival of **SPECT** Student Chapter, DCE
- **Echo,** the annual cultural festival of **Madhurima**— The music society Office.
- **Engifest,** the annual cultural festival of Delhi College of Engineering.

In spite of all types of apprehensions about the smooth sailing of the function, the Festival Week turned out to be a grand success with the campus witnessing maximum crowd during the festival, over all these years. The exquisite blending of technical festivals taking place in the daytime, and thereafter, being concluded by cultural programmes in the evening provided maximum satisfaction to one and all who attended the festivals. On the other hand, eight long days of festival were also a huge test for the patience and perseverance on the part of the organizers, who managed to handle this task exceptionally well.

The Festival Week concluded with the Valediction Ceremony on the **25th of February, 2007** that was presided by **Sh. Oscar Fernandes, Hon'ble Minister, Govt. of India** as the Chief Guest and **Dr. G. Narendra Kumar, Secretary, TTE** as the Guest of Honour. The final hour was marked by a mind blowing performance by celebrity artist **Bombay Rockers** who had flown all the way from Denmark to give their best to the massive crowd that was a witness to the grand new phonomenon — the DCE Festival Week 2007.

10. SCHOLARSHIPS & AWARDS

10.1 University of Delhi Scholarships

Following scholarships are awarded annually by the University of Delhi.

i) Pandit Man Mohan Nath Dhar Scholarship, not exceeding two in number, of the value of Rs. 100 p.m. each to the deserving and needy students studying in the University in the undergraduate classes.

ii) Inder Kohli Anand Kohli Scholarships, two in number, each of the value of Rs. 100 p.m. to the needy and deserving students who pass the Senior School Certificate Examination, New Delhi, or equivalent in first division and join anyone of the first degree Programmes in the Faculty of Technology.

iii) Man Mohan Krishna Kaul Scholarships, each of the value of Rs. 100 p.m. to the deserving and needy students who join the first year of the B.E. Elect/Electronics/ Mech./Civil Programmes. The number of scholarships is likely to vary from year to year.

iv) Smt. Savitri Agnihotri Scholarships, two in number of the Rs. 100 p.m. each to the needy and deserving students who join Ist degree Programme in any branch in the Faculty of Technology in Delhi College of Engineering (income ordinarily not exceeding Rs. 750 p.m.)

10.2 University of Delhi Medals

i) President of India Dr. Shankar Dayal Sharma Gold Medal :Awarded by the University to a student adjudged as the best student of the year on basis of the highest proficiency including conduct, character, academic excellence, extra- curricular activities & social service.

ii) L. Jogeshwar Nath Gold Medal: To the best candidate in Technical Education.

iii) Rai Sahib Pt Shri Ram Sharma Memorial Gold Medal :To the candidate who obtains the highest percentage of marks amongst successful candidates for the B.E. Civil Engineering Examination obtaining a first class.

iv) Shri D. V. Kohli Memorial Medal: To the best candidate who secures the highest percentage of marks amongst successful candidates for the B.E. Electrical Engineering Examination obtaining a first class.

v) Engineering Projects India Ltd. Gold Medal: To the best candidate who secures highest marks in the B.E. (Electronics & Communication) Examination.

vi) Babu Ganpat Rai Gold Medal: To the best candidate from amongst the successful candidates for all the M.E. Elect./Mech./Civil Engineering Examinations taken together in a particular year.

vii) Priyank Devetia Gold Medal: To the M.E. (Civil) student who secures highest marks with first division.

10.3 University of Delhi Prizes

Foundation Prize: To the best candidate who secures the highest marks in the total of two papers in optional groups at the B.E. (Mechanical Engineering) Examination.

10.4 DCE Medals

The following medals are awarded by the College at the College Degree Distribution Ceremony.

i. Lt. Governor's Gold Medal awarded to an outgoing student of final year adjudged as the best student of the year on the basis of all round performance.

ii. Chief Minister's Gold Medal awarded to outgoing student of final year adjudged—as the best student on the basis of best academic performance.

iii. Principal's Gold Medal awarded to the outstanding performer of B.Tech. (Part-time) student,

iv. Dr S.P. Luthra Gold Medal awarded to the best performer in Mechanical / Electrical Engineering from amongst the graduates of the year. it.

v. Prof. J.N. Moudgill Gold Medal awarded to the best performer in Mechanical/ Electrical/ Civil Engineering from amongst die graduates of the year.

vi. Prof. V.P. Bhatnagar Gold Medal awarded to the best performer in M.Sc. (Applied Physics).

vii. Prof. Arun Kumar Memorial Gold Medal awarded to the best performer in Civil Engineering from amongst the graduates of the year.

viii. IEEE-P. Kundu Gold Medal awarded to an out going student each of Electrical, E&C, COE & I.T. whose performance is adjudged as best in Industrial Practical Training.

ix. Smt. Jagdamba Devi Shukla Gold Medal awarded to an outgoing female student of final year who secures highest marks in B.E. Programmes irrespective of any branch of engineering.

x. Pt. C.L. Shukla Gold Medal awarded to an outgoing male student of final year who secures highest marks in B.E. Programmes irrespective of any branch of engineering.

xi. Rohit Lakhani Gold Medals awarded to engineering drawing topper of the Ist Semester and aggregate topper of the Ist Semester respectively

xii. DCE Alumni Gold Medal for the topper of B.E. (EC) of Delhi College of Engineering.

xiii. SEMDCE Prof. D. Goldar, Gold Medal is awarded to a member of SEMDCE Student Chapter for securing highest marks in the subject of Determinate structure analysis (CE 201).

xiv. Kewal Krishan Gera Memorial Gold Medal awarded to outgoing student of Mechanical/ Production Engineering.

10.5 DCE Prizes & Scholarships

i. Raj Soin Scholorships : Two Raj Soin Scholorships (covers full tuition fees + US $ 10,000- p.a.) for MBA at Raj Soin college of Business, Wright State University, Ohio, USA, awarded each year to meritorius B.E. final year students on merit come means criteria. Final selection of award is made by Wright State University

ii. Prof. J.B. Pd. Tripathi Memorial Scholarship Rs. 2400/- awarded each year to a student who has scored the highest marks in Chemistry in first year BE Programmes at DCE.

iii. Radhe Shyam Goel Memorial Prize (2 Nos.) of Rs. 500/- each awarded to the best performer in B.E. (Elect) and B.E. (Electronics & Communication).

iv. Shri Ram Chandra Goela Memorial Prize (2 Nos.) of Rs. 500/- each to be given in the form of books to the best performer in final year B.E. (Mechanical) and B.E. (Computer). Recipients of prizes should be from rural background. Any amount pertaining to refund of fee, stipend, Merit Scholarship, Merit-cum-Means Scholarship, prizes, if not claimed by the students within the prescribed period, will be remitted back to the Pay and Accounts Officer concerned and the same will not be re-drawn whatsoever the reason may be Recipients of Medals and Prizes of the previous year are given at the end.

v. 1959 Class Scholarship of Rs. 10,000/- awarded to one student, each of I, II, III & IV year.

vi. Daulat Ram Mehndiratta Scholarship of Rs. 10,000/- awarded to the students each year, who secured highest marks in PCM aggregate in the Senior Secondary Exam, and whose parents income does not exceed Rs. 12,000/- per month.

vii. Association of 1969 Civil Engg. batch DCE scholarship of Rs. 12,000/- awarded each year to four students of Civil Engg. on merit basis.

10.6 DCE Scholarships for M.E. / Ph.D

i. Every student admitted to M.E. full time Programme will be awarded a Scholarship of Rs. 5000/- p.m from the date of admission or commencement of instructions whichever is later, for a maximum period of 24 months subject to the rules made in this respect. Qualifying in GATE is essential. These students will be required to undertake 8 to 10 hours per week related to teaching and research activity as assigned to him by the institute. This could include tutorials, laboratory classes, development and maintenance of laboratories, assistance in research and development activities undertaken by faculty members, maintenance and operation of computers and other central facilities, assistance in library etc. They are also entitled to Rs.10,000/- contingent grant per annum.

ii. Every student admitted to Ph.D. full time Programme will be awarded a Scholarship of Rs. 7000/- p.m. if he holds M.E./ M. Tech and Rs. 6000/- p.m. if he holds M.Sc degree, from the date of admission, for a maximum period of 48 months subject to the rules made in this respect. These students will be required to undertake teaching assistance of B.E. classes to a maximum extent of 8 to 10 hours per week. They are also entitled to annual contingent grant.

10.7 Financial Assistance from Other Sources

i. Some limited financial assistance is made available by University Grants Commission to really needy students towards mess charges, fees, books, clothing, etc. This is disbursed on the recommendations of a Committee set up for the purpose in the college.

ii. Students are also entitled to the scholarships offered by the respective State/ Union Territories under the National Scholarship Scheme of the Government of India.

iii. Students may also apply to the respective State Government, wherever applicable, for loans for pursuing their studies.

Important Academic Rules

1. Every student should always carry on person the Identity Card to be supplied by the Institution on submission of two copies of Photograph (passport size/front pose) immediately after admission and re-endorsed each session. This will help him/her establish his/her identity on public transport, for drawing prizes and scholarships, for receiving money orders and postal articles etc.

2. **Every student must keep at least 75 percent attendance separately in Lectures including tutorial, and practical classes.**

For assessing the candidate, periodical tests, assignments and quizzes are conducted. In case of B.Tech/M.E./M.Sc. (Applied Physics) Programmes, these marks constitute years work marks.

For. B.Tech/M.E./M.Sc. (Applied Physics) Students

If the attendance requirement is not met with and/or the minimum years work marks are not secured even in one subject, the student will be detained in the same class. He/she will have to study the semester/year again whenever taught.

For B.E. Students

The registration of the student stands cancelled if he/she fails to keep the attendance requirement. There are no separate year work marks in case of B.E. students in the new examination scheme in force since 1990-91 session. In this scheme, the candidate is required to score a minimum of 40 percent marks in each subject failing which he is to reappear in that subject as and when offered. He is further required to abide by the rules and regulations governing the new examination scheme.

3. Educational tours to factories, mills, workshops and the other places of interest are arranged periodically and government also contributes to some extent towards the travelling expenses of the students. As these tours are of great educational value, it is compulsory for every student to undertake them according to the programme fixed by the institution. On return, a comprehensive report on the tour is to be submitted by the student.

4. Disciplinary action will be taken against any student using unfair means in examination/tests.

5. The name of the institution depends on students and their conduct in class rooms, play field, functions, hostels and in public places. If any student falls short of gentlemen's code of conduct anywhere, the Principal will enforce discipline by imposing appropriate penalties including rustication from the college.

6. During practical training all students should maintain a day-to-day record of their work and observations in the prescribed Practical Training Diary.

7. At the time of admission every student shall be required to sign a declaration. "I submit myself to the disciplinary jurisdiction of the Vice-Chancellor and the several authorities of University, who may be vested with authority to enforce discipline under the Act, the

Statutes, the Ordinances and the rules that have been framed by the University".

Admission to the College implies acceptance by the student and by his/her parents/ guardian of all provisions given in the College prospectus, University Calendar or any changes in University /College rules, regulations, statutes, ordinances, examination schemes, syllabi, fee, etc. that may be made from time to time.

8. **A student who has been admitted to the B.E. PROGRAMME will have to acquire at least 25 credits by the end of two semesters failing which he will be required to discontinue the studies.**

9. Every student is required to submit a typed copy of his/her project report/thesis/dissertation with illustrations as required for various University Examinations. This will remain the property of the Institution.

Faculty of Electronics & Communication Engineering
Computer Engineering, Electrical Engineering and Information Technology

PROFESSORS

Ashok Bhattachrya
(Digital Electronics)

M.Tech, DIRE,
Ph.D, LMISTE (India)
SR. M.I.E.E.E. (India)

HOD (EC)

D. Roy Choudhary
(Electronics & Control System)

M.Tech, D, Phil.
M.I.E.E.E (U.S.A)

Head (COE)

Parmod Kumar
(Instrumenttation & Control)

B.Sc. (Engg) M.E. Ph.D)
FIE(I), FIETE, MIEEE (USA.)

HOD (EE), Dean (FOT, University of Delhi)

Asok De
(Communication & Microwave)

B.E. Tel. E., M.E. Tel. E.,
Ph.D. F.I.E., F.I.E.T.E.

N.K. Jain
(Power System)

Ph.D, MIE(I), MISTE,
B.Sc, (Engg.) M.Sc (Engg)

Incharge-B.Tech Program
Convenor Knowledge Park

Narendra Kumar
(Power System)

B.Sc. Engg., Ph.D.,
MISTE, MIE (I), MSSI

ASSISTANT PROFESSORS

Murlidhar Kulkarni
(Digital Comm, Optical Comm. & Comp. Network)

B.E., M.Tech., Ph.D,
LIMISTE, MIEEE (USA), MCSI

Head Dept. of Information Technology,
Head Computer Centre

Madhusudan Singh
(Control & Instrumentation)

B.Sc. (Engg.) M.E. (Hons), Ph.D, MIE (I), MIETE (I), LMISTE MIEEE (USA), MIET (UK)

O.P. Verma
(Microwave Engineering)

B.E., M.Tech.

HOD (EE), Dean (FOT, University of Delhi)

Pragati Kumar
(Control & Instrumentation)

M.Tech.

Prem R. Chadha
(Electronics & Communication)
B.E. (Hon.), M.tech.,
Sr. MIEEE (U.S.),
FIETE (L) (I),
LMISTE (I), FIE (I),
SMCSI (L),

Rajesh
(Elect. Comm. Engg)

B.E.M. Tech., MIE (I),
MIEEE (USA)

Vishal Verma
(Power Electronics)

M.Tech., Ph.D.
MIE (I)
MIEEE (USA)

Rajiv Kapoor
(A/Prof)

B.E., M.S.) LMISTE

LECTURERS / LECT SELECTION GRADE/ LECT. SR. SCALE)

Bharat Bhushan
(Control & Instrumentation)

M.Tech.

Narendra Kumar
(Power System)

B.Sc. (Engg.)., M.Sc. (Engg.), Ph.D.,

(On study leave)

Jeebananda Panda
(Applied Electronics)

M.E., MISTE (I), MIETE (I)

Neeraj Kumar Bhagat
(Control System)

BSc. (Engg.), M.Tech. AMIE (I), LMISTE

Rajni Jindal
(Computer Software)

M.C.A., M.E., MIEEE, MWIE, LMISTE, LMCSI,

N.S. Raghava
(Electronics & Comm.)

B.E., M.S.) LMISTE

Priya Mahajan
(Power System)

M.E.

Rachna Garg
(Control & Instrumentation)

M.Tech.

Ram Bhagat
(Control & Instrumentation)

B.Tech., M.E. LMISTE

Rajeshwari Pandey
(Electronics & Communication)

B.Tech., M.E., MISTE, MIEEE (USA)

Suman Bhowmick
(Electrical Machines)

M.E., LMISTE

S. Indu

B.Tech., M.Tech, MISTE, MIEEE (USA)

S.T. Nagarajn
(High Voltage Engineering)

B.E. M.E
LMISTE

Uma Nangia

B.E., M.E., Ph.D

Rajiv Kumar
(Computer Engineering)

B.E., M.E.

Daya Gupta
(Computer Software)

M.Sc., Post-Msc., IITD, Ph.D, MIEEE

Duli Chand Meena
(Electrical Engg.)

B.E., M.E.

Ramjee Lal Meena
(Power Quality)

B.E.,
M.Tech (IITK)

Alok Singh
(Electronics & Communcation)

B.E., M.Tech,
MIEEE (USA)

PROGRAMMERS

S.K. Saxena
(Computer)

M.Sc., M.E., PGDCA,
Ph.D. MISTE, MCSI,
CPF(I)

Manoj Sethi
(Computer)

M.Sc., PGDCM

DEPARTMENT OF MECHNICAL, PRODUCTION & INDUSTRIAL ENGINEEING

PROFESSORS

Sagar Maji
(Thermal Engineering, IC Engines)

B.E., M.Tech, Ph.D.
MSAE Int.

C.K. Dutta
(Welding Technology)

B.E., M.Tech., Ph.D.
(IIT), LMISTE,
LMISTAM, MIIW

S.K. Garg
(Industrial Engg)

M.Tech., Ph.D. (IITD)
LMISTE, LMINVEST

ASSISTANT PROFESSORS

B.D. Pathak
(Turbo Machinery)

B.Sc. (Engg.), M.Sc.
(Engg.), Ph.D. (IITD),
ELE(India)

D.S. Nagesh
(Production Engineering)

B.E., M.Tech.
(Production), PGDPM,
MISTE

J.S. Kalra
(Flexible Manufacturing)

B.Sc., B.E. (Hons.),
M.Sc. Engg.)
M.I.E. (I), MISTE

Naveen Kumar
(Thermal Engineering)

M.Tech., LMISTE

V.K. Sethi
(Kinematics, M/C Design)

B.Sc. (Engg.), M.Sc.
(Engg.)

R.S. Mishra
(Thermal Engg., Solar Energy)

B.Tech., Ph.D., (IITD),
FIWRS, FNEE, FGPI, FIE
FIEE (I), FUWAI, FIGS

Samsher
(Power Plant, Turbo Machinery)

B.Tech., M.Tech, Ph.D., FIE (India), MSAE, MISTE, MISME

Vipin
(Production Engineering)

B.E. (Mech.), M.Tech., (Prod.)

Raj Kumar Singh
(Applied Mecanic)

B.E., M.Tech.

Vishwa Kamal
(Design Engg.)

B.E., (Gold Medal), M.Tech (IITK) (Gold Medal)

S.S. Kuchchwaha
(Thermal Engg.)

B.E. M.E. Ph.D MISTE., MISME, MISHMT,MIE

B.B. Arora
(Thermal Engineering)

B.E., M.E.,

A.K.Pratihar
(Thermal Engineering)

M.E.

Atul Kumar Agrawal

B.E., M.E., Ph.D,

LECTURERS

Amit Pal
(Automobile Engg.)

B.E. (Mech.), M.E. (Mech.)

P.V. Ram Kumar
(Thermal Engg.)

B.E. M.E., LMISME, LMISTE, MSAE

R.K. Singh
(Production and Industrial Engg.)

B.E., M.E., Ph.D, LMISTE, LMISCE, LMISME, LMC, LOGIFT

Reeta Wattal
(Production Engineering)

B.E., M.Tech., Ph.D, MISME, MISTE, MIIW

R.C. Singh
(Production Engineering)

B.E. M.E., LMISTE

Rajiv Chaudhary
(Production Engg.)

M.Tech. (Hons.), MSAE LMISTE

Ranganath M.Singari
(Industrial Production Engineering)

B.E.
MSAE, LMISTE, LMISME, FMNAFE

Ashok Kumar Madan
(CAM/ Automation)

M.Sc. (Engg.), M.Sc.AMI(London)

Vijay Gautam
(Production Engg.,)

B.E., M.Tech.

Akhilesh Arora
M.Tech.

FOREMAN INSTRUCTORS

V. Jeganathan
(Production Engineering/ Selection Grade)

B.E., M.E., PGDMM, LMISTE, LMISME, MSAE

P.K. Jain
(Production Engineering)

B.E., M.E., DBM

N. Yuvraj
(Porduction Engineering)

B.E., M.E.

DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING

PROFESSORS

Principal

Dulal Goldar
(Structural Engg./ Experimental Mechanics)

B.E. (Civil), M.Sc. Civil Engg., (Structures), Ph.D Civil Engg., (Structures), MSEM (US), LMISCMS, LMISWE, St. Coum. Member ACEM.

Pratima Rani Bose
(Structure & Earth Quake Engg.)

B.E., ME, Ph.D. (IITD), LFISET, LMISWE, LMIGS

HOD

S.K. Singh
(Environmental Engineering)

B.E.M. Tech., Ph.D, FIEE, FICS FUWAI, FIGS

Ashutosh Trivedi
(Geotechnical Engg.)

B.Sc. (Engg.), M.Tech., Ph.D., LMASCE (IS), LMISTE, LMIRMTT Dean (CE)

ASSISTANT PROFESSORS

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(Structure Engg.)

B.Tech., M.Tech., Ph.D., MIAWQ(UK)

P.L. Patel
(Hydraulic Engineering)

Ph.D, MIAHR, MISH

M.P S Mahendroo
(Geology)

MSc. (H), PhD

Rakesh Kumar
(Fluid Machanics)

M Tech, Ph.D.
MISH

V.K. Minocha (on lien)
(Water Resources)

B.E, M Tech (IITK),
Ph.D.

Anil Kumar Sahu
(Geotechnical Engg. &
Concrete Technology)

BE, ME, Ph.D., MASCE,
MIGS, AMIE,
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Engg.

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Ph.D. (I.I.T. Bombay)
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B.E., M.Tech.AIE,
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LMIGS, LMIAAPC

Alok Verma
(Structural Engg.)

M.Tech.,
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K. R. Agrawal

Account Officer

Prof. S.K. Singh

Proctor

Dr. A.K. Srivastava

Director Phy. Edu. & Security Officer

R.C. Sharma

Chairman Sports Council

Dr. Awadesh Kumar

Assistant Account Officer

INNOVATIONS BY DCE STUDENTS

Unnamed Aerial Vehicle

Hybrid Car

Supermileage Vehicle

DISTINGUISHED ALUMNI OF DCE

Vinod Dham

Raj Soin

Mr. Pramod Haque is welcomed by the Principal & Head (Trg. & Placement)

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Chairman Emeritus, ITC Ltd.

Durga D. Agarwal
President, Piping Technology,
& Product Inc USA

B.K. Khanna
Managing Director, Siemems
Power Engg., Gurgaon

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CM Dutta
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Karnal Singh
Jt. Commissioner, Delhi Police

Santosh Kumar
DG, NTPC

A.K. Sarin
Engineer Member, DDA

Chander Parkash
CAO, Northern Railways

DELHI COLLEGE OF ENGINEERING

PRINCIPALS

	Name	Tenure
1.	Prof. W.W. Wood	Jan. 1941 to Aug. 1946
2.	Prof. R.G.P.S. Fairbairn	Sept. 1946 to Sept. 1949
3.	Prof. S.C. Sen	Sept. 1949 to Dec.1966
4.	Shri S. Ainul Abidin	Jan. 1967 to Jan. 1968
5.	Prof. J.N. Moudgill	Feb. 1968 to April 1971
6.	Shri T.S. Murty	May 1971 to Jan. 1972
7.	Prof. R.C. Narayan	Feb. 1972 to May 1980
8.	Prof. M.L. Mandal	June 1980 to July 1989
9.	Prof. M. Paldas	Aug. 1989 to Dec. 1990
10.	Prof. P.B. Sharma	Dec. 1990 to Aug. 1999
11.	Prof. N.L. Sachdev	Aug. 1999 to Feb. 2003
12.	Prof. D. Goldar	Feb. 2003 to Aug 2003
13.	Prof. P.B. Sharma	Aug. 2003 to Oct. 2006
14.	**Prof. D. Goldar**	**Oct. 2006 onward**

ANNEXURE-1

#7 (a) Write the Branch Code in order of your preference [Clause 3.11 # 10(b)]

(b) It is mandatory to fill all the 16 boxes of the branch code in the application form failing which it may be assumed that you are not interested in getting admission to branches not mentioned in your application form.

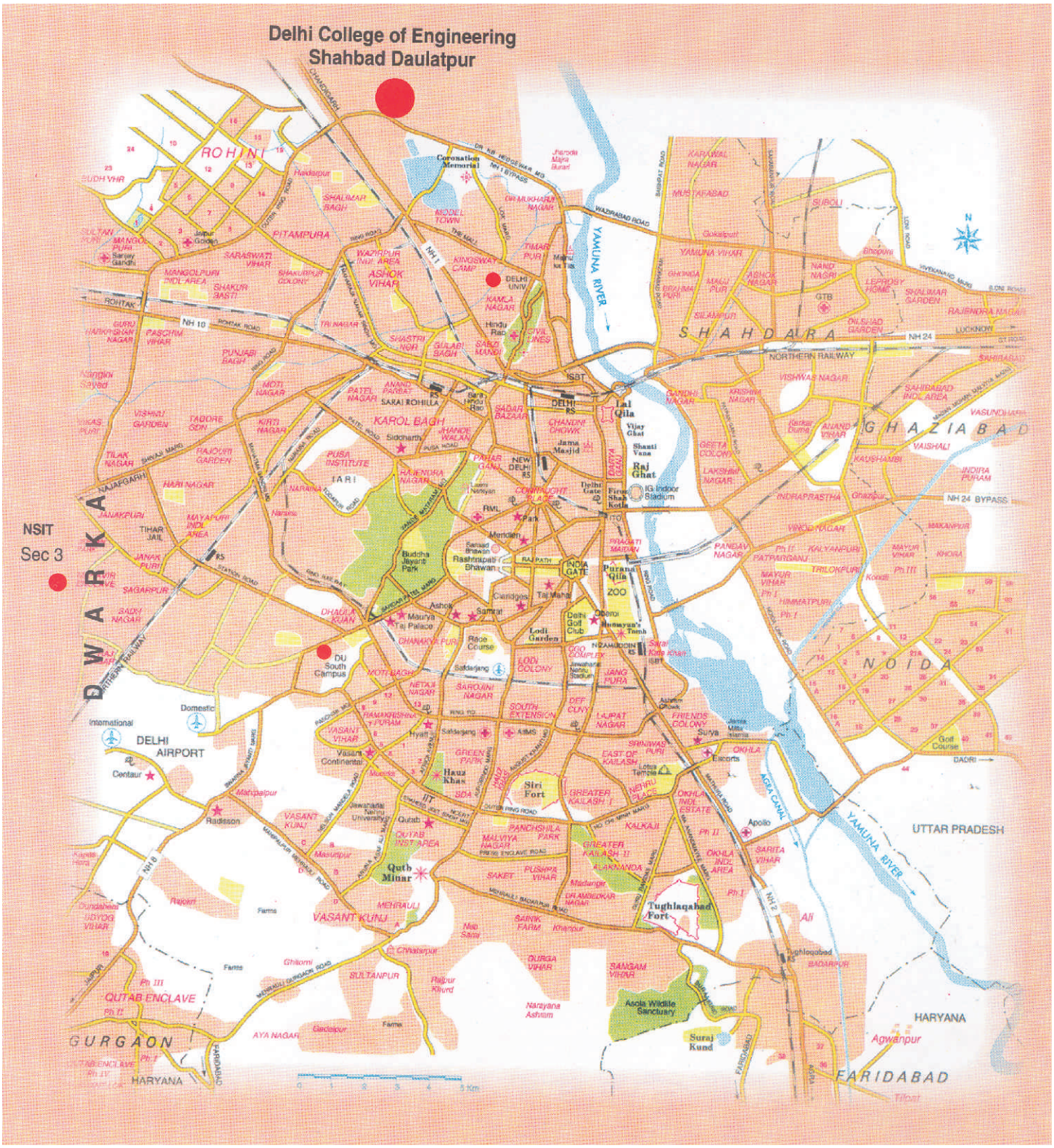
(c) An illustration may be seen for the convenience of the aspirant as follows:

Example: If the order of preference of branch for a candidate is NSIT-ECE, DCE-ECE, NSIT-COE, DCE-ME, DCE-EE, NSIT-ICE, NSIT-IT, DCE-PIE, DCE-IT, NSIT-MPAE-, DCE-PCT, DCE-CE, DCE-BT, NSIT-BT, DCE-ENE.

He/she will fill the #7 of the application form as:

Preference	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI
Branch Code	11	1	12	2	4	3	13	15	5	9	14	8	6	10	16	7

LOCATION MAP
Delhi College of Engineering



For further information, contact :

Dr. K. Singh (Administrative Officer)

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