

Telegram

Phone

ENGCOL, DELHI

2517248

DELHI COLLEGE OF ENGINEERING

(Formerly Delhi Polytechnic)

Established in 1940

Kashmere Gate, Delhi-110006.

PRINCIPAL'S COUNCIL

Phone :

Chairman :	M Paldas	Principal	2524705
Vice-Chairman :	P Kundu	Hd Electrical Engg	2524701
Members :	Y V S R Sastry	Hd Mechanical Engg	239970
	J C Bhatia	Hd Maths	2913908
	S K Mazumdar	Hd Civil Engg	2518140
	M S Saxena,	Hd T & P, Humanities	2524247
	R Prakash	Hd Prod & Industrial Engg	237697
	V P Bhatnagar	Hd Physics	2913908
	R Chandra	Hd Chemistry	2524607
	D Roychoudhury	Hd Computer Engg	2524701
	A K Sinha	Hd Electronics & Comm Engg	2524701
Member - Secretary	J M L Kapoor	Administrative Officer	2517248

Teacher-in -charge	Evening Courses : Dr. G L Verma	237467
Teacher-in-charge	B. E. Admissions : Prof A F S A Aowal	2518140 237697
Teacher-in-charge	B. E. (Tech) Part-time Admissions : Prof U C Jindal	239970 2524247

1. INTRODUCTION

Delhi College of Engineering which provides instruction for the undergraduate and post-graduate courses of the University of Delhi in Electrical/Electronics & Communication/Civil/Mechanical/Production & Industrial Engineering disciplines and post-graduate courses in Applied Physics and Polymer Technology and full time Ph. D programme in all Depts has had a very chequered history of more than 48 years.

Starting in 1940 as Delhi Polytechnic, it has pioneered many important projects in technical education and through this process has steadily grown to its present position as a premier Engineering College in the country.

The educational philosophy of the institution is based on the realization that in this mechanised age, man must not only use technology increasingly as aid to living, but he must also cultivate the sensitivity to appreciate spiritual, moral and aesthetic values so as to make his life fuller and richer. Conceptual skills are much more important than technical skills and human relations have a precedence over handling machines. Therefore, the curricular and co-curricular activities have been so designed that they include a fair share of sciences, technology, arts and humanities.

Although in educational matters, it takes a long time to achieve the objectives, yet it is a matter of great satisfaction that the alumni of this institution have more than justified our aspirations by their professional competence and good citizenship. With its crop of more talented young students than ordinarily found in an educational institution, each batch of students have established a standard over which the successive groups have consistently improved with the result that out of nearly 8500 students that have passed out so far from this institution in various professional fields, many are occupying high positions of responsibility and distinction in Industry, Government, Defence, Educational and Research Organisations, both within the country and abroad.

The present campus at Kashmere Gate is not adequate for further expansion and proper development of the college. Therefore, 164 acres of land have been acquired at Bawana Road (near Badli Railway Station) in North Delhi and a most modern, beautiful Campus for the College is being developed. The new campus will have the provision of residence for Faculty, Staff & Students (including girls and married students), Auditorium, Open Air Theatre, Students' Activity Centre, Gymnasium, Indoor Stadium, Swimming Pool, Shopping Centre, Community & Health Centre, and other staff and students amenities. The new campus will have beautiful landscape and artificial lake and all the buildings are planned and designed with aesthetic and architectural beauty in harmony with the environment.

2. COURSES OF STUDY :

The Institution admits students to the following courses of the University of Delhi.

2.1 DEPARTMENTS OF ELECTRICAL ENGINEERING, ELECTRONICS & COMMUNICATION AND COMPUTER ENGINEERING

The ever increasing demand for electric energy, faster and novel means of audio and video communication systems and the automation in industry etc. have made the electrical engineer an indispensable member of the modern society. Under the worsening energy crisis the role of an electrical engineer comprises the design and development of more efficient electrical machinery, power systems, control equipment and systems. With ever-increasing 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 Electrical Engineering lays emphasis on deep understanding of electrical and electronic networks and devices, electromagnetic field theory, computer fundamentals, electrical energy converters and electrical energy distribution systems, including their protection and communication and control systems etc.

With a team of well-qualified teachers, the Department runs both U.G and P.G. Programmes. The U.G Programme offers degrees in : (i) Electrical Engineering (Power) with electives in the areas of Power Systems, High Voltage Engineering, Electrical Machines and Drives, Illumination Engineering, Control Engineering, Nuclear Engineering etc. and (ii) Electronics and Communication Engineering with electives in Computers, Communication Systems, Microelectronics, Radar and Television Engineering etc. and (iii) Computer Engineering.

The department has well-equipped laboratories such as Electrical machines Laboratory, Power Systems Laboratory, Instrumentation and Control Systems Laboratory, Telecommunication and Microwave Laboratory and Computation/Micro Electronics Laboratory. In addition, microprocessor kits and microprocessor based computing machines are available for project work. The College has a full fledged Computer Centre (Refer Clause 8.7).

2.1.1 UNDER GRADUATE COURSES :

- (i) B.E. (Electrical) of 4 years duration
- (ii) B.E. (Electronics and Communication) of 4 years duration.

- (iii) B.E. (Computer Engineering) of 4 years duration.
- (iv) B.E. Tech (Electrical) Part-time evening course of 5 years duration
- (v) B.E. Tech (Electronics and Communication) Part-time evening course of 5 years duration

2.1.2 POST GRADUATE COURSES :

Three Semesters' Full time/Five Semesters' Part time (Day), M.E. in Electrical Engineering Courses in :

- (i) Control and Instrumentation
- (ii) Electronics and Communication
- (iii) Power Apparatus and Systems (subject to the approval from the Ministry of HRD and University of Delhi in respect of full time course)

2.1.3 FULL TIME Ph. D. PROGRAMMES *

A few full time scholarships are available in the following fields.

System Engineering, Electrical Engineering, Electronics and Communication Engineering, Computer Engineering, Interdisciplinary.

* Subject to the approval by the Ministry of HRD and University of Delhi.

2.2 DEPARTMENT OF MECHANICAL ENGINEERING :

Mechanical Engineering is the science of exploring the natural resources of power and propulsion and materials of engineering construction, through the design, development, production, installation and operation of power plants, transport equipment and industrial plants besides the organisation and administration of such plants.

In addition to the basic and engineering sciences like Mathematics, Physics, Chemistry, Graphics, Electrotechniques, Thermodynamics, Mechanics of solids, the programme in Mechanical Engineering lays emphasis on the analysis and synthesis involved in the design, manufacture and operation of prime movers, pumps, compressors, machine tools, mass production techniques etc. Some amount of specialisation is possible in the Final Year of the B.E. (Mechanical) course in (i) Thermal Engineering, (ii) Design.

The Department has well equipped laboratories such as Instrumentation and Experimental Stress Analysis Laboratory, Strength of Materials Laboratory, Fluid Mechanics Laboratory, Internal Combustion Engines Laboratory, Refrigeration and Air-Conditioning laboratory and Automotive Engineering Laboratory etc.

2.2.1 UNDER GRADUATE COURSES :

- (i) B.E. (Mechanical) of 4 years duration.
- (ii) B.E. Tech (Mechanical) Part-time evening course of 5 years duration.

2.2.2 POST GRADUATE COURSE :

Three Semesters' Full time/Five Semesters' Part-time (Day) M.E. Mech.Engg. course in :

- (i) Thermal Engineering

2.2.3 FULL TIME Ph. D. PROGRAMMES *

A few full time scholarships are available in the following fields.

Materials Engineering

* Subject to the approval by the Ministry of HRD and University of Delhi.

2.3 DEPARTMENT OF PRODUCTION AND INDUSTRIAL ENGINEERING :

Production is the first fact of life. It affects every other fact of a society and also the mode of social thinking. In today's dynamic societies with depleting material/energy resource endowment, the Production and Industrial engineering holds the key to faster growth through higher productivity by adopting intergrated design and efficient planning and operation of the whole manufacturing system with control over all its phases of activities.

Production and Industrial Engineering is concerned with the design, improvement and installation of integrated systems of men, materials, equipment and process. It occupies the central position in any industrial enterprise and consists of human-activity systems concerning with the physical workplace at which human activity occurs and the management control systems concerning planning, measuring and controlling all activities within the organization besides designing the production process for a product.

The programme of study at under graduate level is designed to produce young engineers with analytical and synthesising abilities, scientific attitude and social sensitivity in the world of rapid technological obsolescence. In addition to the basic and engineering sciences, it sets out to provide a strong base in computer applications in the intergration of various activities like component production, process planning, production planning etc. and then proceeds to build up controls and systems engineering, industrial automation, process engineering and management subjects in order to produce first class

engineers in the new and emerging area of high technology to play a vital role in the national growth. At post graduate level the subjects are dealt in depth. The area is multidisciplinary in nature and adopts a systems approach. It is backed by well equipped laboratories in science of engineering manufacture, metrology, industrial engineering and automation and FMS. Besides, the College has well equipped workshops and computer centre to cater to the needs of the course.

2.3.1 UNDER GRADUATE COURSE :

B.F. (Production & Industrial Engg.) of 4 years duration.

2.3.2. POST GRADUATE COURSE :

Three Semesters Full time/Five Semesters Part time (Day) M.E, Mechanical Engineering course in :

(i) Production Engineering

2.3.3 FULL TIME Ph.D. PROGRAMMES *

A few full time scholarships are available in the following fields :

Production Engineering.

* Subject to the approval by the Ministry of HRD and University of Delhi.

2.4 DEPARTMENT OF CIVIL ENGINEERING :

Civil Engineering aims at improving the civic life of man by harmonizing the natural resources available on earth. It concerns with 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, treatments for industrial wastes and abatement of air pollution etc.

Besides the basic and engineering sciences, the curriculum in Civil Engineering covers various professional subjects e.g. structures, foundation, construction, works management and cost, transportation engg., irrigation engineering, hydraulic and environmental engineering etc.

The Department runs both under-graduate and post-graduate programmes as detailed below. The under-graduate curriculum is broad-based and designed to introduce the students to a wide range of problems encountered by civil engineers. Electives and independently conducted projects are offered in the final year to enable the students to develop additional depth in areas of special interest to them. Survey camp and practical training which are part of the curriculum, aim at exposing the students to actual field problems. Labora-

tory experiments, computer class, design & drawing and the tutorial classes are held to build confidence in the students.

The Post-graduate curriculum prepares the students for research and design-oriented programmes with emphasis on practical problems. The part-time course is intended for persons employed in the industrial sector so as to improve their sphere of activities in their own organisations. These students have also to undertake a research programme, the problems for which are taken from the day to day requirements of the industry and design organisations, besides taking part in the seminars organised by the Department.

The Department is well-equipped with laboratories related to Structures, Concrete testing, Soil Mechanics, Highway Engineering, Experimental Stress Analysis, Environmental Engineering and Hydraulics.

The Department also undertakes to organise special lectures and discussions by eminent persons from the field and Industry.

2.4.1 UNDER GRADUATE COURSES :

- (i) B.E. (Civil) of 4 years duration. (Day time)
- (ii) B.E. Tech. (civil) Part-time course of 5 years duration (Evening).

2.4.2 POST GRADUATE COURSES :

Three Semesters' Full-time and Five Semesters' Part-time M.E. Civil Engineering courses in :

- (i) Structural Engineering
- (ii) Hydraulics and Flood Control.
- (iii) Environmental Engineering

Candidates sponsored by the approved organisations are also admitted in full-time course.

2.4.3 FULL TIME Ph. D. PROGRAMMES : *

A few full time Ph. D scholarships are available in the following fields.

Water Resources Engineering, Environmental Engineering, Materials Engineering, Structural Engineering.

* Subject to the approval by the Ministry of HRD and University of Delhi.

2.5 DEPARTMENT OF PHYSICS :

2.5.1 POST GRADUATE COURSES :

Two years full time M.Sc. (Applied Physics) course. *

M.Sc. Course in Applied Physics is designed to meet the requirements of Scientists working in Laboratories and industrial organisations. Major emphasis is laid on Materials Science, Applied Optics, Instrumentation including Industrial Ultrasonics and Vacuum Techniques. The department has laboratory facilities in these areas.

2.5.2 FULL TIME Ph. D. PROGRAMME : *

A few full time Ph. D scholarships are available in the following fields.

Applied Physics, Interdisciplinary

* Subject to the approval by the Ministry of HRD and University of Delhi.

2.6 DEPARTMENT OF CHEMISTRY :

The Department possesses an excellent infrastructure and laboratory facilities for implementing several High-Tech Research and Development projects in the area of Polymer Technology and Industrial Chemistry.

2.6.1 POST GRADUATE COURSES :

Three Semester Full-time and Five Semester Part-time (Day) Master of Engineering course in Polymer Technology.

This course has been specifically designed for Engineers/Technologists/Scientists with research, development, manufacturing and management responsibilities in the industries. Its aim is to provide the students a profound education as well as methodical preparation for their own research, educational or industrial activities. Special emphasis is, however, laid on advanced processing concept, design, development, computer-aided plant design, fabrication technology, polymer processing and polymerisation engineering, property estimation and modelling and research with prototype micro-processor based control.

2.6.2 FULL TIME Ph.D. PROGRAMMES : *

A few full-time Ph. D scholarships are available in the following fields.

2.5 DEPARTMENT OF PHYSICS :

2.5.1 POST GRADUATE COURSES :

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M.Sc. Course in Applied Physics is designed to meet the requirements of Scientists working in Laboratories and industrial organisations. Major emphasis is laid on Materials Science, Applied Optics, Instrumentation including Industrial Ultrasonics and Vacuum Techniques. The department has laboratory facilities in these areas.

2.5.2 FULL TIME Ph. D. PROGRAMME : *

A few full time Ph. D scholarships are available in the following fields.

Applied Physics, Interdisciplinary

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2.6.2 FULL TIME Ph.D. PROGRAMMES : *

A few full-time Ph. D scholarships are available in the following fields.

(i) **Applied Chemistry, Polymer Technology.**

* Subject to the approval by the Ministry of HRD and University of Delhi.

2.7 DEPARTMENT OF MATHEMATICS :

2.7.1. POST-GRADUATE COURSES :

(Interdisciplinary)

Three semester full-time/Five semester part-time M.E. course in Computer Applications. *

The M.E. Course in Computer Applications is aimed at providing a thorough training to students in various aspects of computer Science and Applications. The part-time course is intended for persons employed in the industrial sector, defence and research establishments. Particular emphasis is laid on development of systems software and software for scientific and industrial applications. Option is provided to select courses of ones own interest varying from DBM, Financial Management on one hand to Data Communication and networks, CAD and Artificial Intelligence on the other.

LABORATORY/COMPUTATIONAL FACILITIES.

A Computer Centre equipped with an HP-9000/560 System with 8 MB main memory, 307 Mb hard-disc-drive cartridge and magnetic-tape drives, graphic terminals line printer, laser printer, plotters etc. and over a dozen PC/XTs and ATs has been established to provide on hand training to students. These facilities will be further augmented during the year. Besides, students shall be required to take hardware training and utilize experimental facilities in the labs of the department of Electrical Engineering.

* Subject to the approval of Ministry of HRD and University of Delhi. Only part-time students may be admitted during the session 1990-91.

3. PROCEDURE FOR OBTAINING APPLICATION FORM

The admission to B.E. course in Delhi College of Engineering and Delhi Institute of Technology is based on the common application form which can be obtained as given below. However for the detailed information regarding Delhi Institute of Technology the candidates are advised to contact the Director, Delhi Institute of Technology, Kashmere Gate, Delhi directly.

The admission to B.E. (Tech)/M.E./M.Sc. courses in Delhi College of Engineering is based on the application forms available from the college.

Prospectus of this college along with the application form can be obtained from the Delhi College of Engineering, Delhi either in person on

payment of Rs. 10 in cash at the college counter, or by post on remitting the same amount by a crossed postal order, drawn in favour of the Principal, Delhi College of Engineering, Delhi and payable at G.P.O. Delhi. No other mode of payment is acceptable. The written request by post must indicate

- (i) Applicant's name and the address to which the application form is to be sent.
- (ii) Details of Payment
Postal Order No.
Place of issue.
Date of issue.
- (iii) Course for which the application form is sought.
- (iv) Three slips of paper of size 10cmx5cm 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 B.E./M.E./M.Sc. (Applied Physics) Course". The request by post should reach the college on or before 2.7.90. Requests received after that date will not be entertained.

4. B.E. COURSES :

The college offers the following B.E. Courses of 4 years duration.

(i)	B.E. Civil Engineering	70 seats
(ii)	B.E. Electrical Engineering	70 seats
(iii)	B.E. Electronics and Communication Engg.	40 seats
(iv)	B.E. Mechanical Engineering	100 seats
(v)	B.E. Production & Industrial Engg.	20 seats
(vi)	B.E. Computer Engineering	20 seats

4.1.1 EDUCATIONAL QUALIFICATION :

A Candidate passing any one of the following examinations and securing 60 percent or more marks in the aggregate of Physics, Chemistry and Mathematics shall be eligible for admission to the Ist Semester of B.E. Courses, provided he/she has passed in each subject separately :

- (i) Senior School Certificate Examination (12-year course) of the Central Board of Secondary Education (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 and Mathematics and equal weightage to the subsidiary subjects or equivalent examination.

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

The candidate must have also passed English (Core or Elective) either at the X Class level or at XII Class level.

NOTE :

(1) An applicant who had 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 B.E. Course.

(2) Candidates who have appeared at the Annual Examination of the year 1990 and placed in compartment will not be eligible for admission.

(3) Candidates who have appeared at the Annual Examination of the year 1990 and reappear for the improvement to acquire the eligibility will not be considered for admission for the year 1990.

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

4.1.2 RELAXATION IN MARKS FOR RESERVED CATEGORIES

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

(a) **SCHEDULED CASTES/SCHEDULED TRIBES :**

Candidates belonging to SC/ST shall be allowed 10% of marks in the minimum eligibility requirements.

(b) **DEFENCE QUOTA**

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% in the minimum eligibility requirements.

4.1.3 AGE REQUIREMENTS :

Applicant must be 17 years of age on or before the first October of the year in which he/she seeks admission. Relaxation in age up to one year only with the approval of the Vice-Chancellor, is permissible. Candidates who are short in age by more than one year are not eligible for admission.

4.1.4 REGION-WISE ALLOCATION OF SEATS :

The total seats earmarked for the B.E. Course shall be allocated region-wise as follows (see 4.1.6 for details).

Category (i) For students passing from schools in the Union Territory of Delhi. 85 per cent

Category (ii) For students passing from schools/colleges in Centrally Administered Territories (other than Delhi), Union Territories and States where Engineering Colleges are not located. 3 per cent

These seats are allocated prorata on the basis of population to the extent practicable.

Category (iii) For students passing from schools/colleges other than those mentioned in (i) and (ii) above. 12 per cent

These seats are allocated prorata on the basis of population to the extent practicable.

Under category (iii), 1 seat in each college will be filled from the candidates holding Indian Passport and having passed the qualifying examination from an Institution abroad.

NOTE :

(i) The Criterion for deciding the eligibility of an applicant to a seat reserved for any region is the location of the School/College from which the candidate has passed the qualifying examination on the basis of which he/she is seeking admission.

(ii) Admission under the categories (i), (ii) and (iii) above is open to Indian Nationals only.

4.1.5 RESERVATION :

The aforesaid allocation of seats carries the following reservations :

(A) For Scheduled Castes, 15 per cent, and for Scheduled Tribes, 7.5 per cent of the total seats in each course against all the categories at (i), (ii), and

(iii) above.

(B) 5 per cent of total seats under category : (i) in each course for Children/widows of Armed Personnel/Para-Military Forces of killed/disabled in action during the hostilities.

However, if any seat remains vacant after the admission of candidates of the above category, the widows/children of officers and men of Armed Forces including para-military personnel who die while on duty, will be considered for admission against these reserved seats.

In case sufficient number of eligible candidates from the categories mentioned at (A) & (B) above are not available the vacancies will be treated as unreserved in the respective categories.

(C) NOMINEES OF THE GOVERNMENT OF INDIA

(i) One seat over and above the total intake in both the colleges 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, New Delhi. Any person who is sponsored by the Government of India on an assignment abroad will be treated to be the staff posted at Indian Missions abroad.

(ii) 6 seats in Delhi College of Engineering (Electrical-2, Electronics and communication-1, Mechanical-2, Civil-1) over and above the normal intake are for students from friendly and developing countries. Nominations against these seats will be made by the Government of India.

4.1.6 DETAILED ALLOCATION OF SEATS : For Delhi College of Engineering (1990-91).

Category\ State	Reservation	Code	Total Seats	In case of Vacancies the seats are diverted to stage-I, failing that to Stage-II.	
1	2	3	4	5	6
(i) Delhi	General	DG	197	Stage-I	Stage-II
	Scheduled caste (SC)	DC	41	DT	DG
	scheduled Tribes (ST)	DT	20	DC	DG
	Defence	DD	14	DG	
	Total			272	

(ii) Meghalaya	General	VG	2	Inter-transferable on the basis of com- bined merit		
Manipur		XG	2			
Nagaland & Arunachal Pradesh		YG	2			
Sikkim, Mizoram, Andaman & Nicobar, Dadra & Nagar Haveli, Lakshadweep					UG	DG
Daman & Diu		ZG	2			
all seats in (ii)	SC	UC	1		UT	DC
	ST	UT	1	UC		
		Total	10			
(iii) Andhra Pradesh	General	CG	2	Inter-transferable on the basis of com- bined merit		
Assam & Tripura		AG	1			
Bihar		BG	3			
Gujarat		GG	1			
Haryana		HG	1			
Jammu & Kashmir						
Karnataka & Goa		KG	2		OG	DG
Kerala		LG	1			
Madhya Pradesh		MG	2			
Maharashtra		NG	3			
Orissa		EG	1			
Punjab & Chandigarh		PG	1			
Rajasthan		RG	1			
Tamilnadu & Pondicherry		TG	2			
Uttar Pradesh		SG	5			
West Bengal		WG	2			
Passed from schools abroad		FG	1			
All seats in (iii)						
*Jammu & Kashmir	SC	JC	2	JT		
Himachal Pradesh, Punjab, Chandigarh Haryana, Rajasthan, Gujarat, Maharashtra, Uttar Pradesh	ST	JT	1	JC		
*Assam & Tripura	SC	AC	2	AT		
West Bengal, Orissa						

Madhya Pradesh Bihar	ST	AT	1	AC	
*Andhra Pradesh Goa, Karnataka, Kerala, Tamilnadu Pondicherry	SC	CC	2	CT	
Indian Missions Abroad	ST	CT	1	CC	
	IM		1	OG	DG
		Total	48+1 (IM)		
		Grand Total	320+1 (IM)		

* Intertransferable on the basis of combined merit as OC/OT and then to DC/DT.

Procedure for diversion of non-Delhi seats is given in 4.1.10.

For detailed allocation of seats in Delhi Institute of Technology, Candidates are advised to contact the Director, Delhi Institute of Technology direct.

4.1.7 INSTRUCTIONS TO THE APPLICANTS OF B.E. COURSE FOR FILLING APPLICATION FORM.

General :

- (i) Read the entire instructions carefully before filling the form. For filling Summary Card read the instructions given on the Card.
- (ii) Use block letters only in filling the application form.
- (iii) Complete all Columns.

Your application is liable to be rejected, if any of the items is unfilled or incomplete.

- (iv) Wherever boxes are provided, entries are to be made in the boxes.
- (v) Avoid over writing & crossing.

The instructions are given item-wise as given in the Application Form.

1. Write your full name as given in School/College records. Write complete postal address with Pin Code.

2. (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 is seeking admission. Based on the location and reservation if any, identify the appropriate two letter code (Example DG for Delhi General, DC for Delhi Scheduled Caste, etc.) given in the 3rd column of the table listed

under clause 4.1.6. Write the code properly. See also item 4 below.

(b) Write R.A. if the results of the qualifying examination are still awaited. (Read also 4.1.8)

3. (a) Tick the appropriate box

(b) Indicate the religion.

(c) Indicate the Nationality.

4. Write the name of the examination on the basis of which you are seeking admission. In case you have passed more than one examination listed under clause 4.1.1, you may select the better of the two results.

5. Write the name of the Board/University which conducted the examination stated at 4 above.

6. Write the name of the State or Union Territory where the School/College from which you passed the examination at 4 is located.

7. (a), (b) & (c) You should note that you are not required to submit any copy of the marksheet etc. at (f) candidates with code DG, DC, DT, should indicate the result of CEE.

You should calculate the percentage of marks secured in Physics, Chemistry and Mathematics, correctly rounded to two decimal places. Delhi candidates should also calculate the percentage of marks secured in the Combined Entrance Examination, correctly rounded to two decimal places.

Some Boards/Universities conduct the Examination listed at item 4 above in Parts and the total marks of the Part I, Part II etc. are considered for the classification of the result. In such a case, use only those marks on the basis of which the Board/University classifies the result and awards the Division, for filling item 7 a, b, c, d and e.

In case where the practical marks are given separately and they are counted towards the aggregate by the Board/University, combine the theory and practical marks and then calculate the percentage. The application is liable to be rejected if there is any error.

Candidates applying for seat in categories (ii) & (iii) should note that if the result of the qualifying examination is not yet available, they should leave this item blank.

(d) PCM percentage is calculated upto two decimal places by adding the marks a, b and c as above and dividing the total by 3.

(e) Aggregate percentage means the total which is considered by the Board/University for the purposes of classification of the result. In case the Board/University does not declare the aggregate marks, the total of the marks obtained by him/her in Physics, Chemistry, Mathematics and English will be treated as aggregate marks. However, if English is not taken as a subject, marks secured in any other language will be considered instead.

8. Tick the appropriate box.

9. (a) Write the date of birth as in your school record.

(b) If you are under-age, indicate the extent of shortage in months and days in the boxes provided. Shortage is to be calculated in terms of 17 years on 1st October, 1990.

10. According to admission requirements, a candidate must have studied and passed English as a subject at X class or XII class level. In case you have passed in English at both the levels indicate the higher class in box.

11. Indicate the preference to the branch by writing branch code No. as given below under the choice numbers.

Branch Code No.	Branch
1	B.E. Electronics at D.C.E.
2	B.E. Electrical at D.C.E.
3	B.E. Mechanical at D.C.E.
4	B.E. Civil at D.C.E.
5	B.E. Production & Industrial Engineering at D.C.E.
6	B.E. Computer Engg. at D.C.E.
7	B.E. Electronics at D.I.T.
8	B.E. Computer Engg. at D.I.T.
9	B.E. Instrumentation and Control at D.I.T.

The option once exercised is treated as final. If you are offered a seat in the branch which may or may not be your first preference and you refuse to accept the same or you do not report for admission on the scheduled date it will be considered that you are not interested in admission and hence your name will be deleted and you will not have any subsequent claim to a seat in the B.E. Course.

A candidate who has paid his fees against an offer of admission in a branch other than the one of his/her first choice will automatically be transferred to the branch next in order of his/her higher preference as indicated in his/her application, as soon as a seat is available. However, if the candidate desires to continue in the branch allotted at the time of admission, he/she should confirm in writing to the Administrative Officer within three days of his/her admission under receipt. Any such request made afterwards will not be considered.

Since the admission to B.E. course at DCE and DIT are being done together, the transfer of branches on the basis of preference may involve the change of institution DCE to DIT or Vice Versa. The students on rolls on 17.9.90 will continue to remain in the same institution. Any upgradation later will be confined to the branches in that institution only.

12. If you are a candidate for M.B.B.S. entrance examination of the University of Delhi, indicate your Roll number. This information is sought for statistical purpose and in no way affects your candidature.
13. Fill the particulars. If your father is dead write his last address and occupation.
- 14 (a) Write the name of the Public examination passed prior to XII level along with the month & year of the examination.
(b), (c), (d), (e) Enter the information at the appropriate level.
- (f) If you are seeking admission on the basis of First or subsequent attempts you should mention it specifically.
- (g) Here you are required to reproduce the mark-sheet as given by the Board/University. If you studied subjects that are not listed, write the title of such subjects also. In case the practical examination marks are shown separately in your original mark-sheet and they are counted towards the aggregate by the Board/University, combine theory and practical awards and enter the total marks for the subjects.
- (h) Aggregate marks on the basis of which the division has been awarded.
15. Write highest examination passed in Hindi along with the name of the examining body.
16. This is to be certified by the Principal of the school or college where you studied last. name and full address of the school/college may be written in hand and seal be affixed at a separate place as shown.
- 17, 18, 19 Fill the particulars.
20. Income from all sources is to be included.

21. ENCLOSURES :

- (i) Paste a recent passport size photograph at the right hand corner of the application form in the space indicated.
- (ii) If you are applying for any reserved seat, you should submit the following certificates as the case may be.
- (a) For admission to a seat reserved for Scheduled Castes/Scheduled Tribes, a certificate in original from an approved district authority stating the Scheduled Castes/Tribes, to which the candidate belongs. (A specimen form of certificate will be found at the end of the prospectus). A list of approved authorities is given on the reverse of the form.
- (b) For admission to a seat reserved for Wards/Children/Widows of Armed personnel or Para-military forces of Delhi killed/disabled in action during hostilities, entitlement card in original issued by the Record Officers of the Unit/Regiment of Armed Personnel of the Armed Forces in case of Armed

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 widows/children of the Officers and Men of the Armed Forces including Para-Military Personnel who died 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.
- (iv) First Class Stipendary Magistrate.

22, 23 UNDERTAKING :

They should be signed by the candidate and parent/guardian at the appropriate place.

WRITE YOUR NAME AND POSTAL ADDRESS CORRECTLY IN THE PLACE PROVIDED ON THE REVERSE OF THE ACKNOWLEDGEMENT CARD.

4.1.8 ADDITIONAL INSTRUCTIONS FOR APPLICANTS WHOSE RESULTS ARE AWAITED :

- (a) Write "R.A." in the box against item 2 (b) in the Application form.
- (b) Fill in all the items except 5 and 6 of the summary card and 7 and 14 (g) on the Application form. Under item 14 (g). list the subjects with maximum marks in which you have appeared. The Principal may, however, write "Result Awaited" just below the certificate and sign at the usual place.
- (c) As soon as you receive the mark sheet of the qualifying examination, inform Delhi College Engineering through a telegram, confirmed by post. The format of the telegram should be as follows :-

ENGCOL

DELHI

BE APPLICATION NO _____ CODE _____ PASSED _____

(Name of the examination)

EXAMINATION WITH MARKS PERCENT IN PHYSICS _____

CHEMISTRY _____ MATHEMATICS _____ PCM _____

AGGREGATE _____

(Note : All marks should be in percent rounded upto two decimal places).

(Full name of the candidate as given in the application form)

Note : These results will be considered while preparing any admission list subsequent to the receipt of such communication provided the telegram is received at least one day before the date of publication of the merit list (Please see the time schedule in Section 4.1.10). Results received after 24.8.90 will not be considered at all. Please note that it will not be possible for the college to connect up the results unless the telegram is in the above format. The college will also not be responsible for any postal delay.

LAST DATE FOR RECEIPT OF COMPLETE APPLICATION FORMS FOR B.E. COURSES IS 16.7.90. FROM REST OF CANDIDATES NOT BELONGING TO THE DG, DC, DT. THE LAST DATE FOR RECEIPT OF COMPLETED APPLICATION FROM QUOTAS DG, DC, DT WILL BE 15 DAYS FROM THE DATE OF CEE RESULTS. THE APPLICATIONS ARE TO BE SUBMITTED TO THE ACCOUNTS OFFICER, DELHI COLLEGE OF ENGINEERING, DELHI.

4.1.9 METHOD OF ADMISSION TO B.E. COURSES :

In each quota the applications will be arranged according to the merit on the basis of PCM percentage (for Non Delhi Candidates) given by the candidate. If more than one candidate has the same PCM percentage, the aggregate percentage of marks will become the deciding factor. In case the aggregate percentages also happen to be same, seniority in age will be the criterion for higher merit.

In each quota the applications will be arranged according to the merit on the basis of CEE percentage (for Delhi Candidates) given by the candidate. If more than one candidate has same CEE percentage, the PCM percentage in the Board Examination will become the deciding factor. In case the PCM percentage also happens to be the same, seniority in age will be the criterion for higher merit.

The merit lists will be put up on the notice board as per schedule given in section 4.1.10, candidates are advised in their own interest to look up the notice board. Individual communications may be sent to the candidates from outside Delhi only, as a matter of courtesy.

Past experience shows that some of the selected candidates do not report for admission. Therefore, it has been decided to call every time candidates more in number than the seats available.

In case of candidates from outside Delhi, letters will be sent on 20.8.90 to those candidates likely to be considered for admission subsequently. Only those candidates whose reply to such a letter indicating their interest is received by 30.8.90 will be called for admission in the subsequent lists, if any.

Admissions will be made strictly in order of merit from amongst the candidates present in response to our call. In case more candidates than the number of seats available in that quota, report for admission, the remaining

candidates will be placed in the waiting list (except for the third and final merit list) after they pay the fees, etc. The wait-listed candidates will be offered seats in order of merit as soon as vacancies arise. The fees deposited by the remaining candidates who are not offered seats before the close of admissions, will be refunded in full in due course of time.

The candidates thus called must come to the college office at the scheduled timings and dates. They should bring (a) provisional certificate (b) proof of date of birth as recorded in the certificate issued at class X or equivalent standard, (c) mark-sheet (all the three in original), (d) one set of attested copies of (a), (b) and (c). Candidates reporting late may not be considered for admission.

After the verification, the originals will be retained and fees (Rs. 363.00) as given in Section 8.3 will be accepted. The original certificate will be returned on completion of III semester or withdrawal in writing from the College, which ever is earlier.

IF A CANDIDATE CALLED FOR ADMISSION FAILS TO REPORT AT THE SPECIFIED TIME, HE/SHE WILL AUTOMATICALLY LOSE HIS/HER CHANCE.

Also see item 11 under section 4.1.7.

4.1.10 TIME SCHEDULE :

Important dates connected with admissions are :

Code		I Merit List	II Merit List	III and Final Merit List
DG	Notification	24.7.90	3.8.90	7.9.90
	Admission	27.7.90	8.8.90	13.9.90
DC/DT/DD	Notification	24.7.90	3.8.90	7.9.90
	Admission	28.7.90	8.8.90	13.9.90
All other outside Delhi	Notification	1.8.90	17.8.90	31.8.90
	Admission	16.8.90	30.8.90	12.9.90

Notification of the list at 5.00 p.m.

Admission at 11.00 a.m.

There could be a slight change in this schedule based on the date on which CEE results are declared.

(i) On 13.9.90 the vacant seats of DC and DT quotas will be filled up by the candidates present belonging to the respective quotas. The vacant seats if

any under the quotas DC or DT will then be filled up by the candidates present belonging to any one of these two quotas. After this stage, all the vacant seats of DC & DT quotas will be diverted to DG quota.

(ii) The seats of DD will be filled by the candidates present belonging to the quota. The vacant seats if any, at any stage, will be diverted to DG quota.

(iii) On 12.9.90 the vacant seats of UC and UT will be filled by the candidates present from the respective quotas. After this, the vacant seat if any, of the quotas UC and UT will be filled up by the candidates present belonging to any one of these quotas. Thereafter the vacant seats of UT/UC quotas, if any, will be diverted to DC/DT quotas.

(iv) On 12.9.90 the general seats in VG, XG, YG, & ZG of category (ii) will be filled up from amongst the candidates called and present belonging to that group in order of merit. The seats vacant in any of the groups will be pooled together and the candidates who belong to the general seats of these groups present and waitlisted earlier and not admitted till then will be offered seats in order of common merit list UG. Vacancies if any after the above stage will be diverted to DG quota.

(v) On 12.9.90 the reserved seats of JC, JT, AC, AT, CC, CT, will be filled up from the candidates called and present belonging to the respective quota. As a first step the vacancies if any within the JC-JT; AC-AT; CC-CT; will be interchanged in their respective groups. The vacancies if any after this stage will be pooled as OC/OT. The candidates wait listed earlier and present 12.9.90 not admitted till then will be offered the seats on the basis of common merit list. Thereafter the vacancies if any, will be diverted to DC/DT.

(vi) On 12.9.90 the general seats from the states such as AG, WG, BG, etc. will at first, be filled by the candidates belonging to that quota only. All the resulting vacant seats of States General Quotas will be diverted to 'OG'.

A common merit list will be prepared. It will comprise candidates of general state quotas i.e. AG, WG etc. (a) who were waitlisted earlier but were not admitted till then and (b) who were called and were present on 12.9.90 at 11 a.m. but were not admitted. All the OG seats thus formed (according to norms explained in the previous two paragraphs) will be filled by the candidates of this merit list. After this stage, vacant seats, if any, will be diverted to DG quota.

The diversion of seats from one quota to another may take place earlier when list of eligible candidates from the former one is exhausted.

NOTE : No admission will be made directly to the second or any subsequent year of the course. The admissions will close on 13.9.90.

IF A STUDENT REMAINS ABSENT FOR 8 WORKING DAYS CONTINUOUSLY, HIS/HER NAME WILL BE STRUCK OFF THE ROLLS WITHOUT ANY FURTHER REFERENCE.

4.2. B.E.TECH. (PART-TIME) COURSES (ELCTRICAL/ELECTRONICS & COMMUNICATION/MECHANICAL/CIVIL ENGINEERING) :

The College offers the following B.E. Tech. Courses of 5 years duration.

(i)	B.E. Tech. Civil Engineering	15 seats
(ii)	B.E. Tech. Electrical Engineering	15 seats
(iii)	B.E. Tech. Electronics & Communication	15 seats
(iv)	B.E. Tech. Mechanical Engineering	15 seats

The classes for these courses will be held 5 days a week in the evening from 6.00 p.m. to 9.00 p.m. Some classes may be scheduled for holidays and Sundays during day time.

4.2.1 OTHER REQUIREMENTS :

(A) The candidates seeking admission to B.E. Tech. Courses must have passed a State Diploma Examination of 3 years duration in the corresponding branch or any other examination recognised as equivalent thereto by the University of Delhi with a minimum aggregate of 60 percent (50 per cent for Scheduled Castes/Tribes candidates).

(B) After passing the said examination, the candidate must be in full time employment, training or apprenticeship in installation, operation and maintenance or other recognised field work in an approved Engineering Works/organisation in the relevant branch of Engineering for a period of not less than one year and should continue to be in employment for the entire duration of the course. The candidates must produce a 'No Objection Certificate' in the prescribed form from the employer.

(C) He/she must attain 19 years of age on the 1st of October of the year of admission.

(D) The candidate has to appear in the B.E. Tech Entrance Exam and selection will be made on the basis of the merit list in Entrance Examination.

4.2.2 RESERVATION :

15 per cent and 7.5 per cent of the total seats in each course are reserved for Scheduled Castes and Scheduled Tribes candidates respectively. Candidates seeking admission against reserved seats must produce the Caste certificate in the form given at the end of this prospectus. A list of approved authorities is listed on the reverse of the form.

One seat in each course is reserved for eligible candidates from amongst the staff of Delhi College of Engineering/DIT/Polytechnics/ITI which are under the direct control of Delhi Administration. Such candidates shall also appear in the Entrance Examination.

4.2.3 INSTRUCTIONS TO THE APPLICANTS OF B.E. TECH. COURSE FOR FILLING THE FORM :

- (i) Read all the instructions carefully before filling the form. Make sure that you are eligible for admission.
- (ii) Use block letters in filling the application form.
- (iii) One recent passport size photograph is to be pasted at the proper place on the application form.

Copies of the following certificates are to be enclosed.

- (a) Proof of date of birth.
- (b) Matriculation/Higher Secondary or its equivalent.
- (c) Diploma in Engineering.
- (d) Mark-sheet of all the examinations taken under the Diploma Course.
- (e) No Objection Certificate from the employer on the prescribed form which is a part of the application.
- (f) For admission to a seat reserved for Scheduled Castes/Tribes, certificate in original from an approved district authority stating the Scheduled-Caste/Tribes, to which the candidate belongs. (A specimen form of certificate will be found at the end of the prospectus. A list of approved authorities is listed on the reverse of the form).

4.2.4 SELECTION PROCEDURE :

Incomplete applications will be summarily rejected. In addition to the educational qualification and age, the type of employment determine the eligibility of a candidate. Selections will be made strictly on the basis of the percentage of marks obtained in the B.E. Tech Entrance Examination.

TIME SCHEDULE :

LAST DATE FOR THE RECEIPT OF COMPLETED APPLICATION FORMS IS 10.8.90 FOR B.E. TECH. COURSES. THE APPLICATIONS ARE TO BE SUBMITTED TO THE ACCOUNTS OFFICER, DELHI COLLEGE OF ENGINEERING, DELHI. :

20.8.90, 5.00 P.M. Lists of selected candidates will be put on the college notice boards. No individual communication will be sent.

27.8.90, 11.00 a.m. The above selected candidates must present themselves alongwith the originals of the Certificates (a), (b), (c) & (d) indicated in section 4. 2. 3.

After the originals have been verified, the candidate will be allowed to deposit the fees. A selected candidate who fails to turn up at the specified time loses the seat.

Time schedule for subsequent lists (if necessary) will be displayed on the notice boards on 29.8.90.

NOTE :

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

(ii) No admission will be made after 12.9.90.

4.3 M.E. COURSES :

Instructions for Part-time students is normally arranged from 8.30 a.m. to 10.30 a.m. on five days a week and on Saturdays/Sundays. (if necessary) according to the convenience of the College. Whenever possible, Full time students and Part-time students may also have combined classes. The other classes for Full time students will be fixed at any time between 8.30 a.m. to 4.30 p.m. according to the convenience of the College. Students may also be required to undergo computer training at the Computer Centre for one month during vacations. Educational tours may also be arranged.

The college offers the following ME Courses

Deptt/Course	Number of seats	
	Full-time	Part-time
1. Civil Engg. Deptt.	20	NIL
(a) Environmental Engineering		
(b) Hydraulics and Flood Control		
(c) Structural Engineering		
2. Electrical and Electronics & Communication Engg. Deptt.	15	15 (5 seats in each course)
(a) Controls and Instrumentation		
(b) Electronics & Communication		
(c) Power Apparatus & System	10*	
3. Mechanical Engg. Deptt.	8	5
(a) Thermal Engg.		
4. Prod. & Indus, Engg. Deptt.	7	NIL
(a) Production Engineering		
5. Chemistry Deptt.	10	5
(a) Polymer Technology		
6. Mathematics Department		
(a) Computer Applications (Interdisciplinary)	-	10*

* Subject to the approval of Ministry of HRD and University of Delhi.

4.3.1 EDUCATIONAL QUALIFICATION:

(a) M.E. in Electrical/Mechanical/Civil Engg.

Candidates who have passed any one of the following examinations are eligible for admission to the above M.E.Courses

Bachelor's Degree Examination in the appropriate branch of Engineering (Elect./Electronics and Communication/Mech./Civil) from a University or equivalent thereto.

OR

A.M.I.E.(India) Exam, with appropriate specialisation/ Grade I.T.E. (India), 'A.M.I.E.(London), A.M.I. Mech. E (London). A.M.I.Struc. E.(London) Examination or any other professional Examination in the concerned branch recognised as equivalent to B.E.by the University of Delhi.

(b) M.E.Polymer Technology.

Candidates who have passed B.E. Examination in any branch of Engineering or equivalent.

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

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

4.3.2. AGE REQUIREMENTS :

The candidate should be 21 years of age on the First of October of the year of admission.However, the Vice-Chancellor, on the basis of individual merit, may relax the age upto a maximum period of one year.

4.3.3 ADDITIONAL REQUIREMENTS FOR PART-TIME COURSES:

The following categories of candidates are eligible for admission to the part-time courses provided, they satisfy the eligibility requirements as in 4.3.1(i)(a)(b).

(i) Teachers working in an Engineering Institution of Delhi provided they have not been registered simultaneously for any other Degree of the University of Delhi or any other University.

(ii) Person in approved employent in Research/Development/Design/ Training organisations in Delhi. Both these categories of applicants:

(a) Must produce from their employers:(i) a clear 'No Objection Certificate without qualifying conditons: and(ii) permission to undergo any training/project outside Delhi or in Delhi as decided by the College for about one month on the prescribed form given in the application.

(b) Will be required to continue in employment during the entire period of the course.

(c) Must have had one year's meaningful experience before admission.

4.3.4 RESERVATION

(i) In case the number of seats is more than 7 but less than 15 then 15 percent for scheduled Caste Candidates. If no S.C. candidate is available, the seat will go to S.T candidate, if available.

(ii) In case the number of seats is 15 or more, 15 percent of the seats for Scheduled Castes and 7.5 percent for Scheduled Tribes.(Interchangeable, if necessary).

(iii) If the requisite number of Scheduled Caste/Tribe candidates are not available by the last date fixed by the University for admission to each course, the the remaining seats will be de-reserved and filled from general category.

A few seats over and above the normal intake may be provided to candidates belonging to friendly and developing countries with the approval of the Govt.of India and full-time candidate sponsored by Govt./Public Undertakings provided they fulfill the eligibility conditions (a)or(b) of section 4.3.1.(i).

4.3.5 INSTRUCTIONS TO THE APPLICANTS OF M.E.COURSES FOR FILLING APPLICATION FROM

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.

Copies of the following certificates are to be enclosed.

- (a) Proof of date of birth.
- (b) Proof of passing B.Sc.Engg/B.E.Degree/M.Sc.chemistry or equivalent.
- (c) Mark sheets of all subjects offered for the B.E/B.Sc.Engg.Course 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 specimen form of certificate will be found at the end of the prospectus. A list of approved authorities, is listed on the reverse of the form).
- e) In case of applicants to the part-time courses a certificate from the employer is to be given on the prescribed form provided in the application.

“LAST DATE FOR RECEIPT OF COMPLETED APPLICATION FORM IS 16. 8.90. COLLEGE IS NOT RESPONSIBLE FOR ANY POSTAL DELAY OR LOSS, CANDIDATES MUST ENSURE THEMSELVES THAT COLLEGE RECEIVES THE APPLICATION ON OR BEFORE DUE DATE. ALL APPLICATIONS RECEIVED AFTER DUE DATE STAND REJECTED AUTOMATICALLY.

4.3.6 SELECTION PROCEDURE

(a) Candidates who are seeking admission on part-time basis after having passed AMIE Examination or equivalent under clause 4.3.1(i)(a) will be required to take a written test of 3 hours duration to be conducted by the Delhi College of Engineering. They must have at least 40 percent marks in test to become eligible for interview/viva-voce.

(b) Admission of a sponsored candidate for F.T course without scholarship will be governed by merit as per the procedure for admission to part-time course.

(c) All eligible candidate for M.E. Courses both full-time & part-time will be required to appear for an interview before an appropriate Board, comprising:

1. Head of the respective Department in the College
2. All the Professors in the respective Department,
3. The Heads of other Engineering Departments or their nominees.

NOTE : The above procedure will not apply to teacher candidates from the Delhi College of Engineering, who will compete among themselves for the seats reserved for them.

The syllabus for the above written test is of B.E.Standard.

The programme for selections is as follows:-

Written Test for AMIE candidate only.	10 AM to 1PM	4.9.90
Interview for part time Candidates	10 AM	5.9.90.
Interview for full-time candidates	10 AM	6.9.90

(d) The merit lists of the candidates for admission to ME Courses will be prepared by apportioning the following weightage.

FULL-TIME

	Max marks
1. Weightage for percentile score given by GATE	80
2. Interview/viva-voce	20
	<hr/>
	100

PART-TIME

1. Qualifying Exam, aggregate	80
2. Interview/ Viva-voce	20
	<hr/>
	100

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

NOTE: Interview/Viva voce is compulsory.

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

The list of selected candidates will be put up on the notice board of the concerned department on 7.9.90

Selected candidates will be required to submit the Original Certificates at the time of admission.

No admission will be made directly to the second or higher year of the course. No admission will be made after 26.9.90

4.4 M.Sc. COURSES:

Instruction for students is normally arranged from 8.30 AM to 10.30. on five days a week and on Saturday/Sundays if necessary according to the convenience of the college. In addition, the students shall be required to attend classes for two consecutive summers for a period of nearly one month each summer, for instruction in practical/theory paper, drawing and workshops as may be required by the Department.

The college offers the following M.Sc. Courses:

Deptt/Course	Number of seats	
	Full-time	Part -time
1. Physics Deptt.	10*	10
Applied Physics		

* Subject to the approval by Ministry of HRD and University of Delhi.

4.4.1. EDUCATIONAL QUALIFICATIONS AND OTHER REQUIREMENTS :

(A) The candidates should have passed B.Sc.(Hons) in Physics or B.Sc.(Gen) Group 'A' (Physics, Chemistry, Mathematics or Electronics, Science or Computer Science) Examinations of the University of Delhi or an examination recognised as equivalent thereto under 10+2+3 scheme with a minimum 55 percent marks in aggregate (50 percent for Scheduled Caste/Tribe candidates).

OR

Minimum of 60% marks in aggregate under any other scheme (55% for Scheduled caste/Tribe) leading to B.Sc. (Hons) Degree in Physics or B.Sc. (General) Degree with Physics, Chemistry and Mathematics, or Electronics Science or Computer Science.

4.4.2. INSTRUCTIONS TO THE APPLICANTS OF M.Sc (APPLIED PHYSICS) COURSE 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.

Copies of the following certificates are to be enclosed.

- (a) Proof of date of birth.
- (b) Proof of passing B.Sc.(GEN) or B.Sc.(Hons) Examination or equivalent.
- (c) Marks 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 application.
- (e) 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 specimen form of certificate will be found at the end of the prospectus. A list of approved authorities is listed on the reverse of the form.

LAST DATE FOR RECEIPT OF COMPLETED APPLICATION FORM IS 16.8.90. COLLEGE IS NOT RESPONSIBLE FOR ANY POSTAL DELAY OR LOSS, CANDIDATES MUST ENSURE FOR THEMSELVES THAT COLLEGE RECEIVES THE APPLICATION ON OR BEFORE DUE DATE. ALL APPLICATIONS RECEIVED AFTER DUE DATE STAND REJECTED AUTOMATICALLY.

4.4.3 SELECTION PROCEDURE:

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

- (i) Head of the Physics Department in the college.
- (ii) Professors and Asstt. Professors in the Department
- (iii) Heads of the departments of Mathematics and 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 5.9.90 from 10 A.M. to 11.00 .A.M. The candidates will be interviewed the same day at 2P.M.

The merit list of candidates for admission to M.Sc (Applied Physics) course 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 above.

	Max Marks
(i) Qualifying examination aggregate	50
(ii) Written Test	30
(iii) Viva Voce	20
Total	100

Note: Written test and Viva Voce are compulsory..

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

The list of selected candidates will be put up on the notice board of the Physics Department on 7.9.90.

Selected candidates will be required to submit the original certificates at the time of admission.

NOTE:

- (i) No admission will be made directly to second or higher year of the course.
- (ii) Candidates securing less than 45% in the merit list will not be admitted. Admission will be made in order of merit.
- (iii) For purposes of merit, weightage of 5 marks will be given to candidates passing B.Sc(Hons) course in Physics from Delhi University or equivalent examinations.

No admission will be made after 26.9.90.

5. LAST DATE OF APPLICATION:

LAST DATE FOR RECEIPT OF COMPLETED APPLICATION FORMS FOR M.E./M.Sc. COURSES IS 16.8.90. APPLICATION MUST BE SENT TO THE ACCOUNTS OFFICER, DELHI COLLEGE OF ENGINEERING, DELHI, SO AS TO REACH HIM ON OR BEFORE THE ABOVE MENTIONED DATE.

6. COMMENCEMENT OF CLASSES:

Instruction for first year B.E.Tech. courses will start at 6.P.M. on 17.9.90.

7. ACADEMIC TERMS AND EXAMINATIONS :

The Academic year is divided into 2 semesters of approximately 19 weeks each. The Odd and Even semesters start normally around 16th July and 12th January respectively. There is a break of about 6 weeks duration between the two semesters.

In case of B.E. M.E. and M.Sc. (Applied Physics), there will be University Examinations at the end of each semester. In case of B.E. Tech Courses there will be University Examinations at the end of each year.

On completing the formalities of admission, the fresh entrants have to apply with 2 copies of passport size photographs for the issue of identity card.

8. GENERAL INFORMATION:

8.1 MEDICAL FITNESS

All fresh admissions will be provisional and shall be confirmed after candidates have been examined medically according to the norms laid down by the college from time to time and found fit.

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

8.2 PRACTICAL TRAINING

Practical Training for B.E. students is an integral part of the curriculum and is built into the courses of study. Students are introduced to Industrial Practices through training in the college workshops and in factories, installations, works etc. as stipulated under the relevant University Ordinance according to the following programmes.

- (i) 4 weeks in the College workshops in the Winter Vacation of the II Year for Civil/Electrical Engg/Electronics and Communication Engineering students.
- (ii) 4 weeks in the College Workshops in the summer Vacation following the II year for Mechanical Engg. students.
- (iii) 8 weeks in the summer vacation following the III year in Industries situated in and around Delhi.
- (iv) 8 weeks during winter vacation in IV year of the course in large scale industries.

Parents/guardians of applicants should note that for the supervised inplant practical training as at (iii) and (iv) above, students will be sent to industrial organisations, both in and outside Delhi, depending upon the availability of training places. Their attention is particularly drawn to the undertaking under item No 23 (b) on the application form. No relaxation from this undertaking can be given except under very special circumstances.

Parents of the students will be responsible for any damage caused by their wards to the Factory/Installation during practical training.

8.3 FEE

The fees are to be paid in two instalments. The first instalment is to be paid in July and the other in January at the beginning of the second semester, in cash only and not by cheque/postal order or money order. No part payment will be accepted.

All deposits are payable in full on admission and are refundable when the student leaves the institution after deducting all dues as determined by the Principal. The Institution shall have the right to forfeit the security deposits, if it is not claimed within three years of the candidate's ceasing to be on the rolls of the institution.

"Fees" will not be refunded in respect of B.E./B.E.Tech/M.E./M.Sc. (Applied Physics) courses. Unless the student joins a corresponding course elsewhere and the vacancy so caused is filled up by another student on or before 13.9.90 for BE and 26.9.90 for M.E/M.Sc (Applied Physics) courses. For refund, the student should apply through the Principal/Director of the Institution he joins, failing which no refund will be admissible.

Fees for B.E./M.E./M.Sc. (Applied Physics) Classes

Session Dues	First instalment Payable in July/ Aug.Amount in Rs.	Second instalment payable in January Amount in Rs.
'A' Tuition Fees	90.00	90.00
'B' Deposit at the time of admission (Refundable):		
(i) Security Deposit	30.00	
(ii) Education Tour Money	60.00	
(iii) Library Security	100.00	
'C' Other Fees		
(i) Sports (Semester)	20.00	20.00
(ii) Stationery (Semester)	15.00	15.00
(iii) Medical (Semester)	4.00	2.00
(iv) Cultural Society (Semester)	4.00	4.00
(v) Departmental society (semester)	2.00	2.00
(vi) X-ray Fees (Annual)	5.00	
(vii) University Enrolment Fees (Annual) Ist Year	10.00	
Other Years (special Annual Fees)	5.00	
(viii) Delhi University Students Union (Annual)	1.00	
(ix) S.H.W. Project (Annual)	1.00	
(x) U.G.C. Fees (Annual)	1.00	
(xi) University Athletics Fees (annual)	5.00	
(xii) University culture Council (Annual)	5.00	
(xiii) College Magazine (Annual)	5.00	
(xiv) Campus Interview Fee	5.00	
Total Ist year	<u>363.00</u>	<u>133.00</u>
Other years	<u>168.00</u>	<u>133.00</u>

Fees for B.E.(Tech.) Part -Time Course.

Session Dues	First Instalment Payable in July/ Aug. Amount in Rs.	Second Instalment Payable in January Amount in Rs.
'A' Tuition Fees	90.00	90.00
'B' Deposits at the time of admission (Refundable)		
(i) Security Deposit	30.00	
(II) Library Security	100.00	
'C' Other Fees		
(i) Sports (Semester)	20.00	20.00
(ii) Stationery (Semester)	15.00	15.00
(iii) Medical (Semester)	4.00	2.00
(iv) Departmental Society (Semester)	2.00	2.00
(v) X-Ray Fee (Annual)	5.00	
(vi) University Enrolment Fee (Annual)		
Ist Year	10.00	
Other Years (Special Annual Fee)	5.00	
(vii) S.H.W. Project (Annual)	1.00	
(viii) U.G.C. Fee (Annual)	1.00	
(ix) University Athletics Fees (Annual)	5.00	
(x) University Culture Council (Annual)	5.00	
(xi) College Magazine Annual	5.00	
Total Ist Year	293.00	129.00
Other Years	158.00	129.00

If a student fails to pay tuition fees etc. even with delay fine within one month of the specified date, he/she shall cease to be a student of the college and his/her name is likely to be struck off the rolls of the institution.

8.4 HOSTEL

Hostel accommodation for about a quarter of the male students on rolls will be allotted to full-time day students whose parents are not residents

of Delhi/New Delhi strictly on merit. There is no hostel for P.G.Students. However, after meeting the requirements of B.E. Students, M.E.full-time day students from outside Delhi will be considered.Applications for hostel seats for about 300 students mostly in 2 seater rooms should be submitted in the prescribed form. No Ex-student shall be allotted any hostel accommodation. No student of DIT will be provided with accommodation in D.C.E.hostel.

Girl Students may please note that there is no girls hostel attached to the College and the girl students will have to make their own arrangements for their stay.

All the Hostel Residents shall abide by the Hostel Rules.Any violation of the Hostel Rules will be viewed seriously. The Hostel Superintendents are fully competent to deal with the residents in the manner the situation demands.

It must be clearly understood that no items like jewellery, electrical gadgets etc., are to be kept inside the hostel rooms.

Hostel residents are not allowed to bring or use objectionable drugs, intoxicants in the hostel.

Hostel rent is payable in advance in 2 instalments. "Rent"also includes furniture rent.

For the payment of Hostel Rent and other charges there would be two terms as given below:

HOSTEL CHARGES

	I Semester July to Nov.	IISemester Dec.to April
1	2	3
Rent (per Semester)	35.00	35.00
Electricity&water charges	20.00	20.00
Hostel/Security Deposits (Refundable) Mess Security	30.00	
Deposit at the time of Joining the Hostel	200.00	
Mess Advance	<u>900.00</u>	— — —
Total	<u>1185.00</u>	<u>55.00</u>

Actual mess bill will be calculated on month to month basis. At present it varies between Rs.400.00P.M.to Rs .450 P.M.

Students who are required to stay in the Hostels beyond the Ist or 2nd term, for genuine reasons, under special circumstances will be charged @

Rs.11.00 per month (Rent plus elect./water charges). In other cases an occupant will be charged at the rate of Re 1per day.

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

For all enquiries regarding Hostel accommodation, candidates should contact the Hostel office in West Hostel.

8.5 FEE CONCESSIONS, SCHOLARSHIPS, FINANCIAL ASSISTANCE, MEDALS, PRIZES ETC.

(1) Each session, full-freeships and Half-freeships to 10 percent of the students on rolls in each course will be available on grounds of merit-cum-means. Students are advised to be on the look out for the notices, asking for applications for the award of these freeships.

(2) Scheduled Caste/Scheduled Tribe students are entitled to FEE CONCESSIONS,subject to the fulfilment of certain conditions.

(3) Every student admitted to M.E. full -time Course will be awarded a Scholarship of Rs.1800 p.m.from the date of admission or commencement of instructions whichever is later, for a maximum period of 18 months subject to the rules made in this respect. Qualifying in GATE is essential. These students wil 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 Rs.3000/- contingent grant per annum.

(4) 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.

(5) Following scholarships are awarded annually by the University of Delhi.

(1) 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 AND ANAND KOHLI MEMORIAL 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 any one of the first degree courses in the Faculty of Technology.

(iii) MAN MOHAN KRISHAN KAUL SCHOLARSHIPS, each of the value of Rs. 100 p.m. to the deserving and needy students who join the 1st year of the B.E. Elect/Electronics/Mech./Civil Courses.The number of scholarships is likely to vary from year to year.

(iv) **SMT. SAVITRI AGNIHOTRI SCHOLARSHIPS**, two in number of the value Rs.100 p.m. each to the needy and deserving students who join Ist degree course in any branch in the Faculty of Technology in Delhi College of Engineering (income ordinarily not exceeding Rs.750 p.m.)

(6) **MERIT AND MERIT-CUM -MEANS SCHOLARSHIPS :**

The college awards the following:-

(i) **MERIT SCHOLARSHIPS** of the value of Rs.100 per annum each payable in lumpsum, with exemption from tuition fees for the full session and a merit certificate.

(ii) **MERIT-CUM-MEANS SCHOLARSHIPS** of the value of Rs.75.00 p.m. each with exemption from tuition fees for the full session. The total number of the above mentioned scholarships in a year will be limited to 25 percent of the total number of students on rolls in the college during the year.

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

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

(9) **MEDALS**

(a) The following gold medals are awarded by the University of Delhi:

(i) L.Jogeshwar Nath Gold Medal to the best candidate in Technical Education.

(ii) 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.

(iii) 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.

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

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

(b) The college awards every year a Gold Medal known as the "Lt. Governor's Gold Medal" to an outgoing student of the final year adjudged the Best Student of the year on the basis of all round competence.

(ii) **PRIZES**

(a) Banco 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.

(b) The following Prizes are awarded by the college-

- (i) Prizes of the value of Rs. 50 each for standing first in 'workshop practice' in the I/IIB.E.Examinations.
- (ii) Prizes of Rs. 25 each for standing First in a Paper/Subject in the I/II/II/IV B.E. Examinations
- (iii) A prize of Rs.100 for standing First in 'project work in the final year examination.

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 REDRAWN WHATSOEVER THE REASON MAY BE.

8.6 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 scholarship, for receiving money orders and postal articles etc.
2. **EVERY STUDENT MUST KEEP ATLEAST 75 PERCENT ATTENDANCE SEPARATELY IN LECTURES INCLUDING TUTORIALS AND PRACTICAL CLASSES EACH SEMESTER. OTHERWISE HE/SHE WILL BE DETAINED FROM APPEARING AT THE UNIVERSITY EXAMINATIONS.**
3. Marks for assessment of Class work and periodical tests are also counted towards Delhi University examination results. The Principal of the College shall have the power to detain a student in the same class in which he has been studying and not send him up for the Delhi University Examination, in case he fails to appear in periodical tests or his performance in Class work and Periodical test is not satisfactory.
4. Educational tours to factories, mills, workshops and 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, which will be evaluated like other class work and will be counted as part of the year's work.
5. Disciplinary action will be taken against any student using unfair

means in examination/tests.

6. The good name of the institution depends on students and their conduct in classrooms, 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.

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

8. 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 the University, who may be vested with the 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 Calender or any changes in University/College rules, regulations, statutes, ordinances, examination schemes', syllabii, fee, etc. 'that may be made in future from time to time.

9. A student who has been admitted to the B.E. Course after passing the Senior School Certificate Examination or its equivalent, will have to clear the first semester of the courses within 2 years, failing which he will be required to discontinue the studies.

10. Every student will have to make over to the institution at his/her own cost, 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

8.7 COMPUTER CENTRE

The College has a main frame computer ICIM 6080 with 4 Mb memory and 16 terminals. This system is being enhanced. There is a computer centre in Mathematic Departments and several PC/Xt's are provided in various departments.

Computer programming is an integral part of B.E., M.E., and M.Sc (Applied Physics) Courses. Besides these regular courses in programming, the systems are available for research and development work.

8.8 PHYSICAL EDUCATION AND SPORTS

Physical education and sports, which play a vital role in achieving the aims and objects of Education, are regarded here as a Co-Curricular activity. The students in the college are provided enough scope for taking part in different games and sports. They are also given chance to organise athletic and

other social and cultural activities so that the students may come out successful not only in their professional lives but also develop leadership qualities through these activities.

The college has arrangements for most of the major games for both boys and girls. In addition to the day-to-day practice in different games Inter-class, Inter-Departments and Inter-Year matches are also held. The college teams participate in most of the Inter-College Tournaments of the University of Delhi. Blazers, special prizes and certificates of merit are awarded to outstanding sportsmen and organizers.

8.9 CO-CURRICULAR ACTIVITIES

Students are expected to take an active part in all Co-Curricular activities organised by the College. These aim at securing an all round development of the physical and mental faculties and provide an opportunity for use and application of the many sided talents of the students. The following students organisations conduct the different Co-curricular activities under the guidance of the members of staff.

The students Association for all social, cultural and literary activities, e.g. College function, entertainment, debates, essay competitions and exhibitions; Departmental Association(For organising lectures,paper reading seminars, etc.) Debating Society, Hindi Parishad, etc.

Technarch, the Collage magazine is normally issued once a year and carries articles in Hindi and English, both of general and technical nature, from the staff and students of the College.

8.10 LIBRARY

The college has a well-stocked Library containing up-to-date books, journals and other technical literature. The Library is open for reference and study during the normal college working hours.

In addition to the main library, the departmental libraries, mainly financed by the students themselves, are open for reference and study.,

8.11 BOOK BANK

(1) The College runs a BOOK BANK(under the UGC BOOK BANK Scheme) intended to assist students, from the economically weaker sections of society, by giving text books on loan to deserving students for a whole academic session according to the rules framed for the purpose.

(ii) The college also runs a BOOK BANK specially meant for Scheduled Caste and Scheduled Tribe students who can borrow books from the Bank for a whole academic session according to the rules framed for this purpose.

8.12 PLACEMENT

Matters relating to the employment of our students are looked after by the Department of Training and Placement headed by a Professor. The demand for our graduates has always been very high and more than half the students get jobs through Campus Interviews by the time they have taken their final examination.

Presently we receive every year Campus Selection teams from over 45 leading organisations in the country, who visit us regularly for recruiting their engineers from among our Final Year Students.

THE FACULTY

DEPARTMENTS OF ELECTRICAL, ELECTRONICS & COMMUNICATION AND COMPUTER ENGINEERING

Professors

P.Kundu	B.E.E.,M.Sc.,Ph.D.,F.I.E.(India) Sr.M.I.E.E.E.(U.S.A.) ,M.I.E.E.(U.K.)
B.N.Misra	B.Sc(Engg) ,M.Sc, (Engg.) ,Ph.D M.I.E.E.,M.I.E.T.E.(on deputation)
V.R.Moorthi	B.,Sc.,B.E,M. Tech.,Ph.D
C.L.Wadhwa	B.E.(Hons),M.E.,Ph.D, M.I.E (India)
S.P.Mathur	B.Sc.,D.E.R.E.,M.A.Sc.,Ph.D. (on extra ordinary leave)
D.Roy.Choudhry	M.Tech.,D.Phil.
A.K. Sinha	B.E., M.Sc. (Engg.), Ph.D., M.I.E.T.E.
J.K.Das	B.E.,M.E.,Ph.D.,M.I.E.(India)

Assistant professors

A.K.Tandon	B.Sc.,B.Sc.(Engg), M.Tech .,Ph.D, A.M.I.E.(India).
Kartar Singh	B.E.,M.Sc.(Engg),(on deputation)
Ashok Battacharya	M.Tech.,D.I.R.E.,Ph.D., M.I.E.E.E.(U.S.A.)
G.G.Bhise	B.E.M.Sc.(Engg.),M.I.E.(India) M.I.E.T.E.(India),M.I.S.T.E. (on study leave)
P..R Chaddha	B.E.(Hons.) ,M.Tech.

Lecturers

B.M.Doshi	B.E.,M.Sc.(Engg.)
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Shail Bala Jain	B.Sc.(Engg),M.Tech.
I.Mohd. Refeequdin	B.E.,M.Sc.(Engg..)
D.C.Kulshreshta	B.Tech.(Hons.),M.Sc.(Engg)
Shiva Sharma	B.Sc.(Engg.),M.E.
N.K.Jain	B.Sc.(Engg.)M.Sc.(Engg),Ph.D.
D.R.Bhaskar	B.Sc.,B.Tech.,M.Tech.
Neeraj Kumar Bhagat	B.Sc.(Engg.),M.Tech., AMIE (India)

MECHANICAL ENGINEERING DEPARTMENT

Professors

Y.V.S.R.Sastry	B.E.(Hons.) ,M.E.,Ph.D.,M.I.E. (India) M.I.S.M.E.
N.L.Sachdev	B.E.,M.Tech.,M.I.E.(India) M.I.S.M.E., M.I.S.T.E.
O.P.Grover	B.E.,M.Tech, Ph.D.,M.I.E. (India) F.I.E.(India),M.I.S.M.E.,F.I.I.E.T.
D.Venkateswarlu	B.E.,M.Tech,Ph.D.
T.D Sachdeva	B.Sc.(Engg.),M.E.,Ph.D.
U.C.Jindal	B.E.,M.Tech.,Ph.D.
R.C. Sachdeva	B.Sc.(Engg),M.Tech.,Ph. D. (Liverpool) F.I.E.(I)
R.P.Kapoor	B.Sc.,B.Sc.(Engg.),M.E.

Assistant Professors

S.S.Saluja.	B.E.(Hons),M.Sc.(Engg)
A.K.Tayal	B.E.,M.Sc.(Engg),Ph.D.
V.S.Susarla	B.Sc.(Engg).M.M.E.,Ph.D.
R.K.Bansal	B.Sc.(Engg),M.Tech.(Hons.),Ph.D. M.I.E.(India)
M.K.Aggarwal	N.D.,M.Tech.,Ph.,D.,M.I.E.(India) M.I.S.M.E.,M.H.M.T.S.I.
J.S.Brar	B.E.,M.E.
N.K.Garg	B.E.(Hons),M.E.(Hons.),Ph.D.
A.K. Saluja	B.Sc., B.E., M.Sc. (Engg.)
O.P.Sharma	B.Sc.(Engg)-(Hons.),M.Sc.(Engg)
V.K.Sethi	B.Sc.(Engg.),M.Sc.(Engg) (on study leave)
V.K.Mahna	B.Sc.(Engg.),M.Sc.(Engg.)

	M.I.S.M.E.
B.D.Pathak	M.Sc.(Engg)(on study leave)
R.S.Khanduja	B.E.Tech.,M.Sc.(Engg)
Lecturers	
Sharat Kumar	B.Tech.(Hons.)
V.K.Gupta	B.Sc.(Hons),B.E.Met,M.Tech (Prod.Engg)

DEPARTMENT OF MATHEMATICS

Professor

J.C.Bhatia Ph.D., D.Sc.

Assistant Professors

S.K.Sett Ph.D.

K.L.Ahuja Ph.D.

A.B.Mathur Ph.D.

Lecturers

Balbir Singh M.A.

V.P.Mishra Ph.D.

Sushma Jain M.A.,B.T.

V.P.Jaggi M.Sc.

CIVIL ENGINEERING DEPARTMENT

Professors

M.Paldas M.E.,Ph.D.,P.R.S.
(Mouat Medallist),M.I.E.(India)

S.K.Mazumdar B.E.,M.Tech.,Ph.D.,M.I.E.(India)
M.I.A.H.R.

A.F.S.A.Aowal M.E.,D.I.C.,M.Sc.(Engg),Ph.D.,M.I.W.W.E.

R.K.Selot B.Sc.,B.E.(Hons),Ph.D,F.I.E.(India)

Arun Kumar M.Sc.(Engg.),Ph.D.

H.S.Bhatia B.E.(Hons.),M.E.,Ph.D.,M.I.E., M.I.W.P.U.F.

Assistant Professors

J.L.Pahwa B.E.,M.E.

N.M.Patel M.E.,Ph.D.(on deputation)

D.Goldar B.E.,M.Sc.(Engg).Ph.D,M.S.E.M.(USA)

G.L.Pamnani M.E.
M.P.S.Mahandroo M.Sc.(Hons.),Ph.D.

Lecturers

K.V.John M.Sc.(Engg),Ph.D.
Rakesh Mehrotra M.Tech.(on study leave)
A.S.Anand N.D.,M.Sc.(Engg)
A.K.Bhatawadekar B.E.,M.E.
A.K.Gupta B.Tech.,M.S.

DEPARTMENT OF TRAINING & PLACEMENT

Professor

M.S.Saxena B.Sc.,B.E.,M.A.

Assistant Professor

B.Chattopadhyay B.M.E.,M.Sc.(Engg),M.I.E.
(B.G.R.Gold Medal)

PRODUCTION&INDUSTRIAL ENGINEERING DEPARTMENT

Professors

R.Prakash M.Tech.,Ph.D.,F.I.E.(India)
M.I.S.T.E., M.I.S.M.E.
M. SIVAM
A.S.Sachdeva B.Sc. (Engg.), M.Tech., Ph.D,
M.I.E. (India), M.S.I.M.E.
B.P.Bandhopadhyaya B.M.E., M.Tech.,Ph.D.

Assistant Professor

S.C.Gandhi B.Sc.(Engg),M.Sc.(Engg),M.S.I.M.E.
J.S.Kalra B.Sc.,B.E.(Hons),M.Sc.(Engg.)
M.I.E.(India),M.I.S.T.E.
(on study leave)

Lecturers

D.R.Gupta B.Sc,M.Sc.(Engg) (U.S.S.R),M.I.S.M.E.
K.L.Arora B.Sc.(Engg),M.Sc(Engg)
A.M.Ac.S.I.,M.I.E.(india)
Sunil Pandy B.E.,M.Tech,Ph.D.,M.I.I.W.,
M.I.S.M.E.

Workshop Supdt.

D.K.Sengupta B.M.E.,M.Sc.(Engg)

Astt. Workshop Supdt.

S.R.Sibal L.M.E.(on deputation)

DEPARTMENT OF PHYSICS

Professors

V.P.Bhatnagar M.Sc.,Ph.D.,F.A.S.I.,
F.U.S.I.

Assistant professors

V.S.Kaushal B.Sc.(Hons), M.Sc. (Hons),Ph.D.

V.R.Prakash M.Sc.,Ph.D.(on foreign assignment)

Lecturers

Mohd. Mohsin M.Sc.

D.K.Shrivastava M.Sc.

M.P.Singh M.Sc.

D.V.Chaure M.Sc,

Atish Mazumdar M.Sc.,Ph.D.

DEPARTMENT OF CHEMISTRY

Professor

R.Chandra M.Sc.,Ph.D.,F.I.C.S
M.P.R.I.(London).

Assistant Professors

G.L.Verma M.Sc. (Hons.),Ph.D.

V.C.Garg M.Sc.,D.Phil.

G.K.Saxena M.Sc.D.Phil.

Lecturers

P.C.Jain M.Sc.

K.K.Dhawan M.Sc.

R.C.Sharma M.Sc.,Ph.D.

A.P.Gupta M.Sc.,Ph.D.

DEPARTMENT OF HUMANITIES

Lecturer

A.C.Gupta M.A.

COMPUTER CENTRE

Daya Gupta
(Programmer)

B.A.(Hons),M.Sc.,Post M.Sc.Dip. (Computer Science).

DEPARTMENT OF PHYSICAL EDUCATION

J.C.,Roy (Director Physical Edn.) B.Sc.,M.Ed., D.P.Ed.

LIBRARY

Post of Librarian vacant

GENERAL AND HOSTEL ADMINISTRATION

J.M.L.Kapoor	B.Sc.,L.T.,D.P.M., M.B.A.(Delhi),C.M.N.I.P.M.	Administrative Officer
B.S.Verma	M.A.,S.A.S.	Accounts Officer
D.R.Misra	M.Com.	Stores Officer
Vacant		Deputy Administrative Officer
Vacant		Hostel Superintendent
Vacant		Asstt. Administrative Officer
Vacant		Office Superintendent

Vacancies in the Faculty positions: (Upto the time of going to the press)

DEPARTMENTS OF ELECTRICAL, ELECTRONICS & COMMUNICATION AND COMPUTER ENGINEERING

Professor	-3
Asstt professor	-9
Lecturer	-16

DEPARTMENTS OF MECHANICAL AND PRODUCTION & INDUSTRIAL ENGINEERING

Professor	-5
Asstt Professor	-7
Lecturer	-9

DEPARTMENT OF CIVIL ENGINEERING

Professor -2
Asst Professor -5
Lecturer -6

DEPARTMENT OF PHYSICS

Asstt professor -1

DEPARTMENTS OF CHEMISTRY INCLUDING POLYMER TECHNOLOGY

Professor -1
Lecturer -1

DEPARTMENT OF MATHEMATICS

Asstt Professor -2
Lecturer -1

DEPARTMENT OF HUMANITIES

Asstt Professor -1
Lecturer -2

COMPUTER CENTRE

Professor & Head -1

DELHI COLLEGE OF ENGINEERING
KASHMERE GATE
DELHI-110006

ACKNOWLEDGEMENT CARD

Application **N^o** 3425

Dear Sir,

The application for admission to B.E./B.E. Tech./M.E./M.Sc. Course 1989-90 bearing the above number has been received. Please quote—application number and CODE in all future correspondence.

To, *

Shri _____

(Pin)

From :

Accounts Officer,
Delhi College of Engineering,
Kashmere Gate,
Delhi-110006.

(*Please write your address)

(ग) मैं बचन देता/देती हूँ कि दाखिला मिलने के बाद मैं विश्वविद्यालय दिल्ली इंजीनियरिंग कालेज के शासी निकाय द्वारा निमित्त संविधर्षा, अध्यादेशों और नियमों तथा अधिनियम के अनुसार विश्वविद्यालय के उपकुलपति और अधिकारियों तथा दिल्ली इंजीनियरिंग कालेज के प्रिंसिपल के अनुशासन अधीन रहूंगा/रहूंगी।
On admission I undertake to submit myself to the disciplinary jurisdiction of the Vice-Chancellor and the authorities of the University Principal Delhi College of Engineering, according to the act, the statutes, ordinances and the rules as have been framed by the University and the Governing Body of the College of Engineering.

(घ) मैं जानता/जानती हूँ कि किसी भी अवैध संगठन के सक्रिय या निष्क्रिय संबंध रखना मेरे लिए मना है।
I understand that my association, active or passive, with any unlawful organisation is forbidden.

(घ) मेरा नाम दिल्ली विश्वविद्यालय के रजिस्टर में दर्ज/दर्ज नहीं है और मेरी नामांकन संख्या..... है।
मैं यह भी प्रमाणित करता/करती हूँ कि मेरा नाम अन्य किसी विश्वविद्यालय में अस्थायी छात्र के रूप में दर्ज नहीं है।
I am/am not registered with Delhi University and my Enrolment No. is I further certify that
I am not registered as a provisional student of any other University.

(व) मैं स्वीकार करता/करती हूँ कि यदि संख्या के रजिस्टर से नाम कट जाने के तीन साल के अन्दर मैं जमानत तथा अन्य रकम वापस न ले सका/सकी तो संस्था को उन्हें जब्त करने का अधिकार होगा।
I agree that the institution shall have the right to forfeit the security deposits inter alia on the ground of my failure to claim the refund within three years of the date of my ceasing to be on the rolls of the institution.

Note- in the above undertaking, incase of those admitted to DIT read
"Principal" as Director and Delhi College of Engg. as "Delhi Institute of Technology".

तारीख

Date _____

प्रार्थी के हस्ताक्षर

Signature of the Applicant

**DELHI COLLEGE OF ENGINEERING & DELHI INSTITUTE OF TECHNOLOGY
KASHMERE GATE, DELHI 110006**

3425

Summary Card : For admission to B.E.Courses 1990-91

Read the instructions carefully before filling this card.

Write only one character (Block Letter) or number in one box.

1.Code

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FILL THE TWO LETTER CODE

as given in 4.1.7. Item 2(a) of PROSPECTUS

2.NAME

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Write your name starting from column no.1 using capital letters. Restrict the name to the spaces given, using initials if needed. Leave on blank space between part of the name and also after initials

3. Qualifying Examination passed and State /Union Territory in which the school/college (from where you studied the course) is located

4A) CEE%

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4(B) PCM%

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5. AGGREGATE%

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