

DELHI TECHNOLOGICAL UNIVERSITY

**Minutes of the
First Meeting
of the
Academic Council**

Shahbad Daulatpur, Bawana Road, Delhi-110042

Delhi Technological University

(Estd. by Govt. of Delhi vide Act No. 6 of 2009)

(formerly Delhi College of Engineering)

F. No. DTU/ORG/AC/Meeting/01(1)/2010/ 852-74

Dated: 27/1/2010

MINUTES OF THE FIRST MEETING OF THE ACADEMIC COUNCIL HELD ON 8.1.2010 IN SENATE HALL, ADMINISTRATIVE BUILDING, DTU CAMPUS, DELHI

The first meeting of the Academic Council of DTU was held on 8.1.2010. The following were present:-

1. Prof. P. B. Sharma,
Vice Chancellor, DTU
2. Prof. M. P. Gupta,
Delhi School of Management, IIT, Delhi
3. Ms. Shobha Mishra,
Director, FICCI, New Delhi
4. Prof. B. D. Pathak,
Dean(CE), DTU
5. Prof. G. L. Verma,
Dean (Academic) & Head Of Department (Chemistry & Polymer), DTU
6. Prof. R. K. Sinha,
Dean (IRD) & Head Of Department (A. Physics), DTU
7. Dr. R. C. Sharma,
Dean(IC) & Head Of Department, (Bio-Tech), DTU
8. Prof. P. R. Bose,
Professor & Principal, Jaffarpur Engg. College.
9. Prof. Asok De,
Professor & Principal, AIT, Geeta Colony
10. Prof. A. Bhattacharya,
Head Of Department (E&C), DTU
11. Prof. Pramod Kumar,
Head Of Department (EE), DTU
12. Prof. S. K. Singh,
Head Of Department (Civil), DTU



13. Prof. S. Maji,
Head Of Department (Mechanical), DTU
14. Prof. S. K. Garg,
Head Of Department (T&P), DTU
15. Prof. H. C. Taneja,
Head Of Department (Applied Mathematics), DTU
16. Dr. Daya Gupta,
Head Of Department (COE), DTU
17. Dr. O. P. Verma,
Head Of Department (IT), DTU
18. Dr. Seema Singh,
Head Of Department (Humanities), DTU
19. Prof. Madhusudan Singh,
Controller of Examination, DTU
20. Prof. P. R. Chadha,
Assistant Professor, DTU
21. Dr. Narendra Kumar,
Lecturer(SS), DTU
22. Shri O. P. Shukla,
OSD/Registrar(Ic)
23. Dr. K. Singh,
Admn. Officer/Jt. Registrar

Prof. Gopal Ranjan, former Pro-VC, University of Roorkee, Roorkee, Prof. S. C. Dutta Roy, Department of EE, IIT, Delhi and Prof. Surender Prasad, Director, IIT, Delhi and Prof J. P. Subramanyam, HOD(Mechanical), IIT, Delhi could not attend the meeting due to their preoccupation. They were granted leave of absence by the chairman. Prof. Naveen Kumar, Dean (Student Welfare), DTU and Prof. Mukti Acharya, Professor, DTU also could not attend the meeting.

At the outset Prof. P. B. Sharma, Vice Chancellor and Chairman of the Academic Council extended warm welcome to the Members of the Academic Council present in the meeting and thanked them for their kind support and patronage to the university. The chairman introduced the members and highlighted on the current activities, academic program, thrust area and research being pursued and new programs and activities that have been added during the academic session 2009-10 with commencement of DTU and the progress made thereon. It was also highlighted that within a span of 6 months the DTU has made remarkable progress as a reputed University for promoting quality education, research and innovations. It was also informed that the report of the Data Quest published recently placed DTU at 12th position among top 20 Universities/Technical Institutes of the country ahead of many other leading technical universities such as Anna University, JN University, Hyderabad, Jodhpur University and a host of NITs.



The chairman also informed the Members of the Academic Council that first Ordinance relating to B.Tech program have been framed and notified with the approval of the Hon'ble Chancellor as per provision of the DTU act 2009. **Ordinance No. 2** relating to Admission, Conduct and Evaluation of Examinations for two year full-time program leading to the degree of Master of Technology, M. Tech and **Ordinance No.- 3** relating to Admission, Conduct and Evaluation of Examination for two year full time MBA Program have also been approved by the Board Of Management and notified and further submitted to Department Training Technical Education for getting both the above ordinances published in the official gazette.

Further, the university has already advertised 92 posts of Lecturers for recruitment in different disciplines which will help in augmenting the faculty strength in all the departments of the university and it is expected that new Lecturers will be in position in DTU by mid of March 2010.

It was also mentioned by the Chairman that the year 2009 has been a great year from the point of view of the consultancy for the university as it received consultancy worth more than Rs.3 crores in a year. He also informed that curriculum innovation has also been given a renewed focus and the new programs of DTU have begun with Innovated curriculum at par with the best in the country and abroad. Thereafter, Agendas were taken up in the chronological order.

2.1 : Matter for information

i. Admission for academic session 2009-10 for 4 new UG, 6 PG and MBA programs in DTU

The Academic Council was informed that the Board of Management in its first meeting held on 26.9.2009 has already approved the introduction of the following 4 new UG, 6 PG and MBA program from the academic session 2009-10 :

a. New UG Programs: B. Tech programs 240 new intake.

- | | |
|-------------------------------|-----------|
| 1. Software Engineering | Intake 60 |
| 2. Automobile Engineering | Intake 60 |
| 3. Electrical and Electronics | Intake 60 |
| 4. Engineering Physics | Intake 60 |

b. New PG Programs: M. Tech programs 108 new intake.

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|--|-----------|
| 1. Microwave and Optical Communication | Intake 18 |
| 2. VLSI Design and Embedded Systems | Intake 18 |
| 3. Information Systems | Intake 18 |
| 4. Software Engineering | Intake 18 |
| 5. Nano-science and technology | Intake 18 |
| 6. Power Systems | Intake 18 |

c. MBA (Technology, Knowledge & Innovation Management) Intake 60



The counseling for all the above programs excluding ST category were completed by the University on 30.9.2009.

As per the policy of Govt. Of Delhi reservation to SC & OBC category in each program at the level of UG & PG were provided as under:-

SC 15%
OBC 5% over and above the normal intake

So far as ST category, 7.5% reservation were provided during the session 2009-10 as per the direction of the Hon'ble Supreme Court of India and admission process for the same was completed on 26.11.2009. The classes for ST category candidates admitted on 26.11.2009 are being held separately.

As per the details provided by the Academic Section, the following admissions have been made in each discipline under UG, PG and MBA programs.

UG Programs

Sr. No.	Name of Discipline	Sanctioned Intake	Intake due to OBC reservation 5%	No. of candidates admitted
1.	Software Engineering	60	64	60
2.	Electrical Electronic Engg.	60	65	60
3.	Automobile Engg.	60	64	60
4.	Engineering Physics	60	64	59

Percentage of increase of 17 seats in all the above 4 programs are as follows:

SC - (3) ST - (1) & OBC - (13)

Details of the candidates admitted in each programs is placed in **Annexure 2(A) of the Agenda Note.**

PG Programs

Sr. No.	Name of Discipline	Sanctioned Intake	Intake due to OBC reservation 5%	No. of candidates admitted
1.	VLSI Design and Embedded Systems	18	19	19
2.	Microwave and Optical Communication	18	19	17
3.	Software Engineering	18	19	19
4.	Information Systems	18	19	18
5.	Nano-science and technology	18	19	12
6.	Power Systems	18	19	13

Details of the candidates admitted in each program is placed in **Annexure 2(B) of the Agenda Note.**



MBA Program

Sr. No.	Name of Discipline	Sanctioned Intake	Intake due to OBC reservation 5%	No. of candidates admitted
1.	MBA (Knowledge and Technology Management/Info Tech/Supply Chain Management).	60	65	65

Details of the candidates admitted in the program is placed in **Annexure 2(C) of the Agenda Note.**

Decision – The Academic Council approved the admissions made in all the 4 UG programs, 6 PG Programs and MBA (Knowledge and Technology Management/Info Tech/Supply Chain Management) Program for the academic session 2009-10 as per the details given in the Annexures 2(A) to 2(C) of the Agenda Note.

ii. Admission policy for B.Tech. Program and B.Tech.(Evening) Program for the academic session 2010-11

The Academic Council was informed that the matter was placed before the Board of Management in its second meeting held on 21.11.2009 along with M.Tech. programs. The Board, after deliberations, approved the Admission Policy for B.Tech. and B.Tech.(Evening) Program for the academic session 2010-11 with the stipulation that relaxation in minimum eligibility requirement and verification of creamy layer in respect of OBC be looked into and made as per policy approved by the Govt. Of Delhi.

The Admission policy for B.Tech. program and B.Tech(Evening) Program approved by the Board of Management are placed in **Annexure 2(D) of the Agenda Note.**

iii. Notification of ordinance No.1 relating to Admission to Courses of Study, conduct and Evaluation of Examination for Under Graduate Programs leading to Bachelor of Technology degree.

The Academic Council was informed that the Ordinance No.1 relating to Admission to Courses of Study, Conduct and Evaluation of Examination for Under Graduate Programs leading to Bachelor of Technology degree has been duly approved by the Govt. Of Delhi and notified vide Notification No.DTU/ORG/HOO/Notification/04(1)/2009/841-846 dated 20.11.2009. A copy of it placed in **Annexure 2(E) of the Agenda Note.**

iv. Notification of Ordinance No. 2 relating to Admission, Conduct and Evaluation of Examinations for two year full-time program leading to the degree of Master of Technology, M. Tech following semester system of examination

The Academic Council was informed that the Board of Management in its meeting held on 21.11.2009 approved the admission, conduct and evaluation of examinations for two year



full-time program leading to the degree of Master of Technology, M.Tech following semester system of examination. A copy of the approved ordinance is placed in **Annexure 2(F) of the Agenda Note.**

The Department of Training & Technical Education has been requested vide letter dated 4.1.2010 to get it notified in the official gazette as per the provisions of the section 46 of the DTU Act, 2009.

v. Notification of Ordinance No.- 3 relating to Admission, Conduct and Evaluation of Examination for two year full time MBA Program

The Academic Council was informed that the Board of Management in its meeting held on 21.11.2009 approved the Admission, Conduct and Evaluation of Examinations for two year full-time program leading to the degree of Master of Business Administration, MBA following semester system of examination. A copy of the approved ordinance is placed in **Annexure 2(G) of the Agenda Note.**

The Department of Training & Technical Education has been requested vide letter dated 4.1.2010 to get it notified in the official gazette as per the provisions of the section 46 of the DTU Act, 2009.

vi. Board of Studies for various academic departments

The Academic Council was informed that Clause 4 of the Ordinance No.1 (**Annexure 2(E) of the Agenda Note**) relating to Admission to courses of Study, Conduct and Evaluation of Examination for UG programs leading to B.Tech. degree provides for composition and functions of Board of Studies which consist of the following members namely :

- (a) Head of the department or school of studies shall be the chairman
- (b) All professors of the department or school of studies – members
- (c) Two experts appointed by the Vice-Chancellor – Members
- (d) Two Assistant Professors or Associate Professors of the department or school of studies, by rotation - Members

The term of the members of the Board of Studies other than the Professors shall be two years.

Clause 5 of Ordinance No.1 (**Annexure 2(E) of the Agenda Note**) provides for composition and function of the Examination Committees which consist of the following members –

- a) Dean(Academic) – Chairman of the Committee
- b) All Heads of the department – Member
- c) The Controller of Examination – Member

As per the Academic Calendar of the University, the mid semester examination for B.Tech programs were due to be held from 5th October, 2009 onwards and End semester examination were to be held from 14th December, 2009 onwards. In order to make arrangements for the proper conduct of examinations it was necessary to constitute Board of



Studies for each discipline. As per the provisions in sub section 1(10) and 1(11) of Section 25 of the DTU Act, 2009, the Academic Council has the power –

- i) to make recommendation to the Board of Management with regard to the appointment of examiners and if necessary, their removal and fixation of their fees, emoluments and travelling and other expenses.
- ii) To recommend arrangement for the conduct of examination and date for holding it

Since the Academic Council was not in place, the Vice Chancellor making use of his power conferred under sub section 4 of the section 13 of the DTU Act, 2009 constitute Board of Studies for each discipline as per the provisions of Clause 4 of the Ordinance No.1 for B.Tech program.

Copies of the orders relating to Constitution of Board of Studies for each discipline are placed in **Annexure 2(H) of the Agenda Note.**

Decision – 1. The Academic Council noted the above activities from para 1(ii) to 1(v) and recorded their commendation for the efforts made by the university in carrying out the above work.

2. The Academic council ratified the action taken by the University with regard to constitution of Board of Studies mentioned in Para 1(vi).

vii. Ph.D. admission for academic session 2009-10

The Academic Council was informed that the Govt. Of Delhi has approved the institution of 25 additional Ph.D scholarships for the academic session 2009-10 vide their UO No.418/Expn.I dated 10.7.2009. In order to make admissions against the newly sanctioned Ph.D scholarship, the University notified the same in the leading newspapers of the Delhi on 3.8.2009. The interviews for selection of the candidates for admission to Ph.D. programs were conducted on 7-8 November, 2009. Out of the 86 candidates called for interview, 54 candidates reported for the interview before the Research Council. The Council recommended the names of 23 candidates for admission against the newly created Ph.D. scholarship in the university. Up till now, 18 candidates have taken admission in the Ph.D. program of Delhi Technological University for the academic session 2009-10. The list of admitted candidates is placed in **Annexure 2(I) of the Agenda Note.**

The candidates admitted under the Ph.D. program shall be paid scholarship at the revised rates : Rs.10,500/- p.m. for Applied Sciences and Rs.12,250/- for engineering discipline per month along with Contingent amount of Rs.20,000/- per annum.

Decision - The Academic Council approved the admission of 18 candidates admitted in Ph.D. program for the academic session 2009-10 as per Annexure 2(I) of the Agenda Note and also resolved that scholarship for students pursuing Ph.D. programs should be brought at par with the AICTE and be made uniform @ Rs.14,000/- per month for both



the streams i.e. Science and Engineering. The Vice Chancellor was authorised to take up the matter with the Finance Committee and Board of Management for their approval.

3.0 : Preparation of panel of Subject Experts for conducting Interviews for Selection of Faculty positions

The Academic Council was informed that the university proposes to conduct interviews for selection of Lecturers in the discipline of Software Engineering, Computer Engineering, Electrical Electronics Engineering, Electrical Engineering, Mechanical Engineering, Production & Industrial Engineering, Automobile Engineering, Engineering Physics, Electronics & Communication Engineering, Civil Engineering, Environmental Engineering, Polymer Science and Chemical Technology, Bio-technology, Information Technology, Applied Physics, Applied Mathematics, Applied Chemistry, Humanities and School of Management.

As per the provision of Sub Clause 3 of Clause 11 of first Statutes of DTU, the Academic Council shall draw a list of experts/professionals to be members of the Selection committees constituted under Clause 16(2) and 16(3). A copy of the First Statutes placed in **Annexure 3(A) of the Agenda Note**. As per the provision of sub section 2(iii) of section 16, three experts not connected with the University to be nominated by the Vice Chancellor from a panel of not less than seven names approved by the Academic Council for each department/school. Meaning thereby that the Academic Council has to draw a panel of atleast 10-15 experts for submission to the Govt. for approval which can be used for making recruitment against faculty positions i.e. Professors, Assistant Professor and Lecturer and other Academic Staff

In order to prepare the panel of subject experts from each discipline, the Heads of the concerned departments were requested to provide the name of the subject experts in respective discipline. The List of experts prepared by the university was presented in the meeting.

Decision - The Academic Council after detailed deliberations, finalised the names of 7 experts for each department/discipline.

4.0 : Admission Policy for M.Tech. and MBA Programs

The Academic council was informed that the erstwhile DCE now DTU has been offering 11 Master of Engineering programs in different areas upto 2008-09, 6 new M.Tech Programs were started from the academic session 2009-10, out of 11 Masters of Engineering, 9 are full time programs and 2 namely, Master of Engineering in Power System and Master of Science in Applied Physics are part time programs and thus the University has been offering 15 full time and 2 part time Masters Programs during the session 2009-10.

Full time PG programs are of 4 semester duration and Part time programs are of 6 semester duration.

The following admission policy proposed to be laid for the academic session 2010-11.

All the existing 10 Masters of Engineering (Full Time) Programs including Master of Engineering in Power System (Part time) Program shall be called Master of



Technology, M. Tech programs from 2010-11, in line with the 6 new M. Tech programs added from 2009-10 under the Delhi Technological University.

So far as Master of Science program in Applied Physics (part time) it will be discontinued from the session 2010-11 as number of applications received are few or almost NIL.

Note : A few seats not exceeding 50% of the full time total intake of each department over and above the normal intake may be provided to candidates belonging to friendly and developing countries with the approval of Government of India and full time candidate sponsored by Government/Public undertaking who fulfil the eligibility conditions along with one year meaningful experience before 31.07.2010.

Educational Qualifications

M.Tech.(CE/EE/EC/ME/PE)

i) A candidate must have passed the BE/B.Tech Examination in the appropriate branch of engineering (Electrical/Mechanical/Electronics & Communication/Civil Production/Control & Instrumentation/Computer Engineering) with a minimum of 60% marks in aggregate from a recognised University or any other examination recognised by the University equivalent there to.

OR

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

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

M.Tech.(Polymer Technology)

i) The candidate should have passed B.E./B.Tech Examination in any branch of Engineering with a minimum of 60% marks in aggregate from a recognised University or any other examination recognised by the University equivalent there to.

OR

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

OR

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

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

M.Tech. (Computer Technology and Application)

i) The candidate should have passed B.E./B.Tech (or its equivalent examination as specified above examination in any branch of Engineering or M.Sc. in Mathematics/Operational Research/Statistics/Computer Science (with Physics at the B.Sc. level) or M.Sc. in Physics/Electronics Science (with Mathematics at the B.Sc. level) or M.C.A. (with Physics and Mathematics at B.Sc. level) with a minimum of 60% marks in aggregate from a recognised



University or any other examination recognised by the University equivalent there to..

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

M.Sc. (Applied Physics)

- i) A candidate who has passed B.Sc.(Hons.) in Physics or Electronics or B.Sc.(Gen.) Group A (Physics, Mathematics and Chemistry or Electronics Science or Computer Science) Examination a recognized University or an Examination recognized as equivalent thereto with a minimum of 60% marks in aggregate under 10+2+3 scheme (55% for SC & ST).

OR

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

M.Tech. (Microwave and Optical Communication)

- i) The candidate should have passed B.Tech. Examination in Electronics & Communication with a minimum of 60% marks in aggregate from a recognised University or any other examination recognised by the University or equivalent there to.

OR

M.Sc. Electronics/M.Sc. in Physics with Electronics/Radio Physics/Solid State Physics with a minimum of 60% marks in aggregate from a recognised University or any other examination recognised as equivalent by the University.

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

M.Tech. (VLSI Design and Embedded System) / Information System

- i) A candidate must have passed the Bachelor's Degree Examination in Electronics & Communication / Electrical & Electronics / Information Technology / Computer Engineering with a minimum of 60% marks in aggregate from a recognized university or any other examination recognized by the university equivalent thereto.

OR

A candidate must have passed in the A.M.I.E. (India) Exam., with appropriate specialization / Grade I.E.T.E. (India) with a minimum of 60% marks in aggregate or in any other examination in the concerned branch recognized as equivalent to B.E. / B.Tech. by University.

- ii) A candidate for admission to full time program must have qualified in the GATE (Graduate Aptitude Test in Engineering) in EC for VLSI Course and Computer Engineering / EC / IT for the Information System Course.

M.Tech. (Nano-Science & Technology)

- i) A candidate who has passed B.E. / B.Tech. degree from a recognised University in Electronics & Communication, Electrical, Electrical & Electronics, Chemical Engineering / Polymer Technology / Bio-Technology with a minimum of 60% marks in aggregate.

OR

M.Sc. Electronics/M.Sc. in Chemistry / M.Sc. in Physics and M.Sc. in Mathematical Science with a minimum of 60% marks in aggregate from a recognised University or any other



examination recognised as equivalent by the University.

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

M.Tech. (Software Engineering)

i) The candidate should have passed BE/B.Tech. (or its equivalent examination as specified in Computer Engineering / IT / EC or M.Sc. in Computer Science (with Physics at the B.Sc. level) or M.C. A. (with Physics and Mathematics t B.Sc. level) with a minimum of 60% marks in aggregate of a recognised University or any other examination recognised by the University equivalent there to.

ii) A candidate for admission to full-time M.Tech. Program must have a valid GATE (Graduate Aptitude test in Engineering) score.

M.Tech. (Power System)

i) A candidate must have passed the BE/B.Tech Examination in the appropriate branch of Electrical Engineering, Electrical & Electronics Engineering with a minimum of 60% marks in aggregate from a recognized University or any other Examination recognised by the University Equivalent thereto.

OR

A candidate must have passed in the A.M.I.E. (India) Exam, with appropriate specialization / Grade I.E.T.E. (India), A .M.I.E. (London) with a minimum of 60% marks in aggregate or in any other examination in the concerned branch recognized as equivalent to B.Tech. by the DTU, Delhi.

ii) A candidate for admission to full time PROGRAM must have a valid GATE (Graduate Aptitude test in Engineering) score.

Note : Relaxation of 5% in marks or equivalent CGPA for SC / ST / OBC Candidates will be allowed.

Sponsored Candidates

A government organization or a reputed industry in the National Capital Region of Delhi may sponsor candidates for full -time programs in various specializations provided they satisfy the eligibility requirements and must have meaningful experience of one year as on 31.7.2010.

Age Requirement

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

Reservation

Reservation policy for the year 2010-11 would be notified on the website www.dce.edu as and when the same is approved by the Govt. of NC T of Delhi.

i) The reservation will be implemented Department-wise.



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

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

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

Selection Procedure

The University shall invite applications for admission to its M.Tech. programs through Admission notice on all India basis. The application received on the basis of admission notice will be short listed on the basis of performance in GATE and qualifying examination respectively for Full-time and Part-time Programmes. The short listed candidates will be called for interview on the prescribed dates. If any candidate fails to appear in the interview on the scheduled date, he/she will not be considered for admission.

List of eligible candidate for interview & test shall be made available on the University website www.dce.edu. The selected candidates will be required to deposit their fee on a notified date and register for the program. The selected candidates who fail to deposit their fees and register for the program shall forfeit their claim for admission and the vacant seat shall be given to the wait listed candidate.

NOTE :

- i) Candidates are advised to make railway reservation etc. before hand.
- ii) If any candidate fails to appear in the interview on the scheduled date, he/she will not be considered for admission.

All the applicants must appear for an interview (compulsory) before the appropriate board constituted as follows :

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

Admission of a sponsored candidate for the Programs (without scholarship) will be governed by merit as per the procedure laid down for the admission.



The merit list of candidates for admission to all the Programs will be prepared by apportioning the weightage to their performance in GATE or in qualifying examination and Viva Voce will be given as mentioned below :

	Full Time Candidates	Part Time/Sponsored Candidates
Qualifying Examination Aggregate	-	80
Interview/Viva Voce	20	20
Weightage for GATE score	80	-
Total	100	100

a) The list of selected candidates along with the wait-list will be put up on the notice board of the concerned department on a specified date. The selected candidates are required to pay their fee on a notified date and register for the course in respected departments.

b) Selected Candidates will be required to submit the original Certificates and pay fees at the time of admission.

c) No admission will be made directly to second or higher year of any Program.

d) Candidates securing less than 50% in the merit list will not be admitted. Admissions will be made strictly in order of merit.

Application Fee : The candidate applying for M.Tech. Program shall be required to pay application fee of Rs.1000/- in the form of Demand Draft drawn in favour of Registrar, DTU payable at Delhi, if it is downloaded from the website or it is collected in person at the counter. In case anyone desires to obtain the application form along with prospectus by post, they will be required to pay Rs.100/- more as postal charges. Application forms without application fee are liable for rejection by the university.

Master of Business Administration (MBA) Program (Knowledge & Technology Management/Info Tech/Supply Chain Management)

Educational Qualification :

B.E. / B.Tech. in any branch of Engineering / Technology with a minimum of 60% marks in aggregate from a recognized University or any other Examination recognised by the University Equivalent thereto.

OR

Ist Class Master's Degree in any branch of Physical / Chemical/ Mathematical Sciences like Physics, Chemistry, Mathematics, Statistics, Computer Application, Electronic Sciences, Environmental Sciences, Operations research, Computational / Information Science or Master's Degree in Commerce / Economics.

For full time MBA on the basis of CAT Score, group discussion and interview.

Age Requirement

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



Reservation

Reservation policy for the year 2010-11 would be notified on the website www.dce.edu as and when the same is approved by the Gov t. of NC T of Delhi.

- i) The reservation will be implemented Department-wise.
- ii) For Reserved category of Scheduled Castes/Scheduled Tribes the minimum eligibility for admission to Post-graduate Programs will be the minimum pass marks in the qualifying examination. The Scheduled Caste/Scheduled Tribes candidates who had passed the qualifying examination from other Universities, should have secured at least the same percentage of marks at the qualifying examination for purpose of admission to the post graduate Programs.
- iii) If the requisite number of Scheduled Castes/Scheduled Tribes candidates are not available by the last date fixed by the university for admission to each Program, the remaining seats will be treated as unreserved and filled from general category.
- iv) 3% seats in post graduate program will be reserved for candidates with physical disability. These reservation will be implemented department wise in post graduate courses. Candidates seeking admission as detailed in eligibility conditions except relaxation of 5% marks in the minimum eligibility conditions. The 3% reservation may be allocated as follows : 1% for person with low vision or blindness; 1% for hearing impaired; 1% for those with locomotor disabilities and or cerebral palsy.

Selection Procedure

The admission to this program will be made on the basis of CAT score, Group Discussion and Interview as per the admission procedure/criterion followed for the academic session 2009-10.

The weightage to the performance in CAT and Group Discussion & Interview will be given as mentioned below :

Group Discussion & Interview	20
Weightage for CAT score	80
TOTAL	100

Application Fee : The candidate applying for MBA Program shall be required to pay application fee of Rs.1000/- in the form of Demand Draft drawn in favour of Registrar, DTU payable at Delhi, if it is downloaded from the website or it is collected in person at the counter. In case anyone desires to obtain the application form along with prospectus by post, they will be required to pay Rs.100/- more as postal charges. Application forms without application fee are liable for rejection by the university.

The Academic Council was also informed that the above matter was placed before the Board of Management in its meeting held on 21.11.2009. The Board after consideration decided that the matter be placed before the Academic Council and thereafter be placed before the Board of Management in its subsequent meeting.

Decision - The Academic Council approved the admission policy for M.Tech. and MBA program for the academic session 2010-11 with the stipulation that the educational



qualification for M.Tech(Information System) should be mentioned separately in the Prospectus.

5.0 Admission of NRIs, Foreign Nationals and persons of Indian origins under B.Tech and M. Tech / MBA program session 2010-11

i. Admissions of NRIs.

The Academic Council was informed that the University intends to earmark some seats (upto maximum of 5% of the total sanctioned intake) over and above the normal intake at UG level to be filled through NRI students. Only a person who is a NRI himself/herself may seek admission and no other candidate without NRI status would be eligible. **Admission under this category shall be made on the basis of the merit of the applicants in qualifying examination.** Any seats remaining unfilled from the NRI quota will be filled from the applicants for admission under Foreign nationals/Persons of Indian Origin as per the merit of the candidates subject to their eligibility for admission to the University.

ii. Foreign nationals / Persons of Indian Origin

10% seats at under graduate level over and above the normal intake shall be earmarked for the Foreign nationals/PIO (Persons of Indian Origin). The Foreign nationals or PIO nominated through by Indian Council for Cultural Relation OR Govt. of India shall be included within the ceiling of 10%. Admission under these categories shall be made on the basis of the merit of the applicant in the qualifying examination subject to their eligibility for admission to the University.

iii. Eligibility

A candidate passing any one of the following examination from the recognized school/College/Institute and securing 60 percent or more marks in the aggregate of Physics, Chemistry and Mathematics shall be eligible for admission to the first semester of Bachelor of Technology (B. Tech) Courses provided he/she passed in each subject separately. Only those Non Resident India/PIO/Foreign Nationals students who have studied from schools or colleges in foreign countries and passed the qualifying examinations i.e. second year Pre-university or XII standard or equivalent examination from a recognized university/Board will be included as NRIs. This will include the students studying in the schools or colleges situated in foreign countries even if affiliated to the Board of Secondary Education or Universities located in India, but will not include students studying in those schools or colleges (situated in India) and affiliated to the Boards of Secondary Education, or Universities of the foreign countries. Students passing the qualifying examination from Boards or universities located in foreign countries as external students and dependent of NRIs studying in India will not be included.

iv. 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 minimum age in exceptionally meritorious cases may be granted with the approval of the Vice-Chancellor. (Such Candidate should apply for relaxation at the time of submission of the application for admission).

Fees :

The students admitted under this category shall pay fees and development fee of US\$3500 p.a. in respect of UG programs.



Further, not more than 5 seats in each M. Tech program on and above the normal intake are proposed to be ear-marked for admissions to NRI / Foreign Nationals / PIO. The admissions to these seats shall be made on the basis of the merit in the qualifying examination from among those who satisfy the eligibility qualification for such programs.

The tuition fee for NRI / Foreign Nationals / PIO category of candidates in the M. Tech / MBA program shall be US \$ 4500 p.a.

The Academic Council was also informed that the above matter was placed before the Board of Management in its meeting held on 21.11.2009. The Board after consideration decided that the matter be placed before the Academic Council for examining the eligibility condition and fee payable to the University by the NRIs/Foreign Nationals and thereafter be placed before the Board of Management in its subsequent meeting. AICTE & UGC Guidelines on admission of NRIs & Foreign Nationals are placed in **Annexure 5(A) of the Agenda Note.**

The Academic council deliberated the matter in detail with regard to education qualification, criteria of admission and fee to be paid by NRIs/PIOs/Foreign Nationals and took the following decisions :-

Decision -

a). B.TECH PROGRAMS

1. The candidates, besides securing 60 percent or more marks in the aggregate of Physics, Chemistry and Mathematics should have also qualified in SAT examination to be eligible for admission under the above category.
2. The students admitted under this category shall pay fees and development fee of US\$3500 p.a. in addition to fee payable by the Indian students.

b) M.TECH. PROGRAMS

1. Qualification : entry qualifications shall be the same as prescribed for the Indian students pursuing M.Tech. program.
2. Selection criteria : 80% on the basis of GATE/GRE and 20% on the basis of interview.
3. The students admitted under this category shall pay fees and development fee of US\$4500 p.a. in addition to fee payable by the Indian students.

6.0 : Admission Policy for Ph.D program for the academic session 2010-11

The Academic Council was informed that the DTU propose to admit Full time scholars for the Ph.D. program of 4 years. The areas in which the scholarships are available under the various departments / schools are given below:

a) Electrical / Electronics & Communication / Computer Engineering Departments : Efficient Energy system Electrical Machines and Drives, Power Systems, Control Systems, Power Electronics, Microwave Communication, DSP, Micro electronics Devises, VLSI/ Fault-Tolerant Computing , Software Engineering , Info Security, Info Systems, Network Design and Network Security.

b) Mechanical Engineering: Thermal Engineering, I C Engines, Turbo-machinery, Stress Analysis, Fluid Mechanics, Metal Forming and Foundry Technology, Industrial Engg., Welding Technology, CNC & Robotics, CAD / CIM, Technology Management, Flexible Manufacturing and Automation, Clean Energy Technology and Mitigation of Climate Change and Renewable Energy.



c) **Civil Engineering:** Structural Eng g., Structural Dynamics, Earthquake Eng g. Water Resources Eng g., Environmental Eng g , Experimental Mechanics and Construction Technology.

d) **Applied Physics:** Material Science & Superconductivity, Thin-films, Fiber optics and Optical communication and Quantum electronics, Carbon Nano Tube, Photonic Crystal, Nano-Science & Technology.

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

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

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

h) **Management:** Technology Management, Knowledge & Innovation Management, IPR Management, Technology Transfer Management, Supply Chain Management, Management of Information System, Total Quality Management, Productivity Management, Enterprise Management.

Educational Qualifications

The minimum eligibility conditions for the admission to Ph.D. Program are as follows : i) **For Engineering Disciplines:** Degree in Master of Engineering/Master of Technology (ME/M. Tech.) in the appropriate branch from a recognised University/Institution with a minimum of 65% marks*.

ii) **For Applied Sciences :** Master of Science (M.Sc.) in the appropriate branch from a recognised University/Institution with a minimum of 65% marks.

iii) **For Management Disciplines :** Master of Engineering / Technology in any branch of Engineering / MBA from a recognised University with a minimum of 65% marks*.

* For sponsored candidates employed in reputed Industry / Govt. Organization / Institutions of repute 5% relaxation in minimum % marks will be allowed.

Procedure for Obtaining Application Form

The candidate applying for Ph.D Program shall be required to pay application fee of Rs.1000/- in the form of Demand Draft drawn in favour of Registrar, DTU payable at Delhi along with application form if it is downloaded from the website or at DTU counter if it is collected in person from the counter.

In case anyone desire to obtain application form along with prospectus by post, they will be required to pay Rs.100/- more as postal charges. By any reason incomplete Application forms are liable for rejection by the University.

Selection Procedure

The eligible candidates will be called for personal interview in Delhi Technological University for which no TA/DA will be admissible. The selection for full time Ph.D.



Scholars will be made by the University Research Council comprising of the Dean (IRD) and all HODs chaired by the nominee of the Vice-Chancellor. The selected candidates will be required to pay the fees etc. after getting intimation of their selection.

Decision - The Academic Council approved the Admission Policy for Ph.D. Program for the academic session 2010-11 with the following stipulation :-

- i. **Mechanical Engineering should also include Automobile and Production Engineering. Metal cutting and Computation Fluid Dynamics (CFD) be added as field of research.**
- ii. **Techno economic impact of education be replaced with techno economic Projects education and skill development in the field of research.**
- iii. **Masters Degree in appropriate branch be added as educational qualifications for Humanities similar to other disciplines under the caption Educational Qualification.**

7.0 Any other item :

The following items were taken up for consideration :-

1. **Introduction of New M.Tech program in Geo Technical Engineering with intake 18 along with syllabus and scheme of examination submitted by Department of Civil Engineering.**
2. **Scheme of Examination for B.Tech (EEE) and M.Tech(Power System) and course of reading submitted by the Department of Electrical Engineering**
3. **Introduction of New M.Tech program M.Tech (Biotechnology) with intake 18 along with syllabus and Scheme of Examination and course content submitted by Department of Biotechnology.**
4. **Introduction of New M.Tech program M.Tech (Bio-informatics) with intake 18 along with syllabus and Scheme of Examination and course content submitted by Department of Biotechnology.**

The Academic Council was informed that the Department of Civil Engineering and Department of Biotechnology have proposed to introduce new Master of Technology programs in Geo Technical Engineering, Biotechnology and Bio-informatics along with their syllabus and scheme of examination and course contents for consideration of the Council. Besides, the Department of Electrical Engineering has also submitted Scheme of Examination and course of reading for B.Tech (EEE) and M.Tech(Power System) for consideration of the Council.

The Academic Council was also informed that all the above M.Tech. programs except the M.Tech. program in Geo Technical Engineering has been cleared by the Board of Studies of the respective departments. The Academic Council after detailed deliberation resolved the following :-

Decision – 1.Academic Council approved the introduction of following 4 M.Tech. programs from the academic session 2010-11 :

- i. **M.Tech. (Geotechnical Engineering) with intake 18**



- ii. M.Tech. (Bio-technology) with intake 18
- iii. M. Tech. (Bio-informatics) with intake 18
- iv. M.Tech. (Signal Processing & Digital Design) with intake 18

2. The Course Scheme of M.Tech. program in Geotechnical Engineering be examined first by the Board of Studies of Department of Civil Engineering before it is submitted to the Standing Committee for Examining Course Curriculum for various programs.

3. The scheme of examination and course contents for the B.Tech. (EEE), M.Tech. program in Power system, M.Tech. in Biotechnology and M.Tech in Bio-informatics shall be submitted by the department to the Standing Committee for Examining Course curriculum and then be placed before the Academic Council for approval.

4. The Master of Engineering program in Electronics & Communication Engineering presently offered under erstwhile DCE shall be replaced by M.Tech. in Signal Processing & Digital Design from the session 2010-11. The Department of Electronics & Communication Engineering shall prepare the course contents and scheme of examination for the M.Tech. program in Signal Processing & Digital Design and submit it for examination to the Standing Committee for the Course Curriculum after getting the same cleared by the Board of Studies of the Department.

5. The Council approved the composition of Standing Committee for examining course curriculum for various programs as under –

- 1. Prof. Gopal Chauhan, Emeritus Fellow, Deptt. of Water Resources Development & Management, IIT, Roorkee
- 2. Prof. J. Nanda, Professor, Electrical Engg. Deptt., IIT, Delhi
- 3. Prof. V. K. Mahana, former Professor, Mechanical Engineering, DCE
- 4. Prof. A. K. Sinha, former Professor & HOD(EC), DCE
- 5. Prof. R. K. Arora, Professor in Emeritus, IIT, Delhi
- 6. Prof. Vijay Madan, former Executive Director, C-DOT, 427, Pocket C, Phase I, Sheikh Sarai, New Delhi, Ph:26013798
- 7. Prof. Alok Nath, ST Micro-electronics, NOIDA
- 8. Prof. Abhijit Mukherjee, Director, Thapar Institute of Engg. & Technology, Patiala
- 9. Dean(Academic) – Member Convener



Supplementary Agenda 1 : Increase in intake of existing B.E. Programs offered under erstwhile DCE

The Academic Council was informed that the erstwhile Delhi College of Engineering has been offering following Under Graduate Programs with intake as shown against them :-

Sr. No.	Discipline	Intake
1.	Electronics & Communication Engineering	120
2.	Computer Engineering	90
3.	Electrical Engineering	90
4.	Mechanical Engineering	120
5.	Civil Engineering	70
6.	Production & Industrial Engineering	30
7.	Environmental Engineering	30
8.	Polymer Science & Chemical Technology	40
9.	Information Technology	60
10.	Bio-Technology	20

It was also informed that as per the Admission Policy approved by the Board of Management for admission to Under Graduate Programs, it has been decided that all the B.E. Programs offered earlier under DCE shall now be named as B.Tech. similar to 4 new programs introduced by the University from the academic session 2009-10 and admission to all the 14 programs including the 10 above, shall be made on the basis of merit/rank secured by the candidate in AIEEE-2010.

The University intends to increase the intake in all the programs in which intake is either less than 60 or 120. Accordingly, it is proposed to increase the intake in the following disciplines at UG level from the academic session 2010-11.

Sr. No.	Name of the Discipline	Sanctioned Intake	Proposed Intake from 2010-11
1.	Bio-technology	20	60
2.	Polymer Science and Chemical Technology	40	60
3.	Environmental Engineering	30	60
4.	Electrical Engineering	90	120
5.	Civil Engineering	70	120
6.	Computer Engineering	90	120
7.	Production & Industrial Engineering	30	60



As such there will be an increase of intake of 230 at UG level over the existing intake of 14 BE/B.Tech programs i.e. 910 excluding the seats increased due to 5% OBC reservation during the session 2009-10.

Decision - The Academic Council approved the proposal for increase in intake of 230 as proposed above in the 7 UG programs from the academic session 2010-11.

Supplementary Agenda 2 : Scheme of Examination for four new B. Tech Programs in Software Engineering, Electrical and Electronics Engineering, Automobile Engineering and Engineering Physics, I and II Semester

The Academic Council was informed that the University has started four new B. Tech Programs in Software Engineering, Electrical and Electronics Engineering, Automobile Engineering and Engineering Physics with intake 60 each. In order to prepare the syllabus and scheme of examination for all the above programs, a workshop on Curriculum Development was organised by the Dean (Academic) and other HOD's, wherein experts from the different Universities and R&D organisations were invited to participate and share their experience. After detailed deliberation with regard to the courses to be taught, the courses for first semester of all the four programs were formulated. Further to finalise the syllabus and scheme of examination for the first semester, a meeting was convened by the Hon'ble Vice Chancellor on 21st of August, 2009 (as the classes for the new B. Tech courses were to start from 24th of August, 2009) wherein, courses formulated during the workshop were finalised and approved by the Hon'ble Vice Chancellor under the powers conferred to him under sub-section 4 of Section 13 of the DTU Act, 2009. The classes for the first semester ended on 5th November, 2009 and the students admitted to the above four programs were examined by the end of November, 2009. The same group of students has now to join the second semester courses w.e.f. 11.01.2010.

To ensure that the courses for the 2nd semester are taught as per the approved syllabus and scheme of examination of B. Tech 2nd semester, all the courses from 2nd to 8th Semester have been finalised by the departments and got cleared by their Board of Studies. The minor changes in the schemes were further discussed in the second workshop held on 18th December, 2009 by different groups of experts along with HODs and Deans of the University, who participated in the discussion in the workshop. Now, the 2nd semester courses has been finalised by the Departments and submitted for approval of the Academic Council.


Decision - The Academic Council after detailed discussion took the following decisions –



- (i) The action taken by the University with regard to syllabus and scheme of examination for the B. Tech first semester was ratified.
- (ii) Approved the scheme of examination for B. Tech, 2nd semester as per the Annexure SA-2.

The meeting ended with vote of thanks to the chair.

The minutes are issued with the approval of the Chairman for circulation to Hon'ble Members.


(Dr. K. Singh)
Joint Registrar(Admn)

1. PS to Vice Chancellor for the kind information of Hon'ble Vice Chancellor, DTU
2. Dr. Gopal Ranjan, Former Pro-VC, University of Roorkee, 7th KM Roorkee Haridwar Road(NH-58), Roorkee, 247667
3. Prof. S.C. Dutta Roy, Deptt. of EE, IIT, Delhi
4. Prof. M.P. Gupta, Delhi School of Management, IIT, Delhi
5. Prof. Surendra Prasad, Director, IIT, Delhi, (nominee of UGC)
6. Prof. J.P. Subrahmanyam, HOD (Mech.), IIT, Delhi, (nominee of AICTE)
7. Prof. M. P. Gupta, Delhi School of Management, IIT, Delhi
8. Ms. Shobha Mishra, Director, FICCI, Tansen Marg, New Delhi
9. Prof. B. D. Pathak, Dean(CE), DTU
10. Prof. G. L. Verma, Dean (Academic) & HOD (Chemistry & Polymer), DTU
11. Prof. R. K. Sinha, Dean (IRD) & HOD(A. Physics), DTU
12. Dr. R. C. Sharma, Dean(IC) & HOD, (Bio-Tech), DTU
13. Prof. P. R. Bose, Professor & Principal, Jaffarpur Engg. College.
14. Prof. Asok De, Professor & Principal, AIT, Geeta Colony
15. Prof. A. Bhattacharya, HOD(E&C), DTU
16. Prof. Pramod Kumar, HOD(EE), DTU
17. Prof. S. K. Singh, HOD(Civil), DTU
18. Prof. S. Maji, HOD(Mechanical), DTU
19. Prof. S. K. Garg, HOD(T&P), DTU
20. Prof. H. C. Taneja, HOD(Applied Mathematics), DTU
21. Dr. Daya Gupta, HOD(COE), DTU
22. Dr. O. P. Verma, HOD(IT), DTU
23. Dr. Seema Singh, HOD(Humanities), DTU
24. Prof. Madhusudan Singh, Controller of Examination, DTU
25. Prof. P. R. Chadha, Assistant Professor, DTU
26. Dr. Narendra Kumar, Lecturer(SS), DTU
27. Shri O. P. Shukla, OSD/Registrar(Ic), DTU

