DTU

Delhi Technological
UNIVERSITY

DELHI TECHNOLOGICAL UNIVERSITY

Minutes of the
Second 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 |5 ৯৭৬   Date : 24/12/10

Minutes of the meeting of Academic Council held on 21.12.2010 at 11.00 a.m. in the Senate Hall of DTU.

The Second meeting of the Academic Council of DTU held in the Senate Hall of DTU on 21.12.2010 at 11.00 a.m.

The following members were present :

1. Prof. P.B. Sharma, Vice Chancellor
2. Prof. Moin Uddin, Pro Vice Chancellor.
3. Dr. Gopal Ranjan, Former Pro-VC, University of Roorkee
4. Prof. M.P. Gupta, Delhi School of Management, IITD
5. Prof. B.D. Pathak, Dean (Academic) & HOD (Mechanical), DTU
6. Prof. H.C. Taneja, Dean (SW) & HOD (Applied Mathematics), DTU
7. Prof. S. Maji, Dean (IRD) & HOD (Bio-Tech), DTU
8. Pro. N. K. Jain, Dean (CE), DTU
9. Prof. G.L. Verma, (Chemistry & Polymer), DTU
10. Prof. R.K. Sinha, HOD (A. Physics), DTU
11. Prof. Asok De, Professor & Principal, AIT, Geeta Colony
12. Prof. S.K. Garg, Head, DSM & HOD (T&P), DTU
13. Prof. A. K. Gupta, HOD (Civil), DTU
14. Prof. Narendra Kumar, HOD (EE), DTU
15. Prof. Rajeev Kapoor, HOD (E&C), DTU
16. Dr. O.P. Verma, HOD (IT), DTU
17. Dr. Daya Gupta, HOD (COE), DTU
18. Dr. Seema Singh, HOD (Humanities), DTU
19. Prof. Madhusudan Singh, Controller of Examination
20. Sh. P.R. Chadha, , Associate Professor, DTU
21. Dr. Narendra Kumar, Associate Professor, DTU
22. Sh. U.K. Worah, Registrar, DTU

Prof. S.D. Dutta Roy, Prof. Surendra Prasad, Prof. J.P. Subrahmanyam, Ms. Shobha Mishra, Prof. S.K. Singh and Prof. Mukti Acharya could not attend the meeting due to their pre-occupation. Sh. O.P. Shukla, OSD, DTU and Dr. K. Singh, Jt Registrar (Admn) attended the meeting as invitees to assist the Council.

The Minutes of the meeting are as follows:

Agenda 2.1 :   Chairman's opening remarks

The Vice Chancellor and Chairman of Academic Council welcomed the members of the Academic Council. The Chairman also introduced Prof. Moinuddin, Pro Vice Chancellor who has recently joined the University. The Chairman also informed that Govt. of NCT of Delhi has suggested to make Pro Vice Chancellor as Co-Chairman in the Academic Council but as per provision laid in the DTU Act, no such position for Co-Chairman of Academic Council exists. Pro Vice Chancellor may, however, be co-opted as member in the Academic Council under Clause 24(3)(k) of the DTU Act. It was, therefore, proposed that Pro Vice Chancellor be associated as a member in the Academic Council who will Chair the meeting of the Council in the absence of the Vice Chancellor.

The Chairman also mentioned that as the regular Registrar has joined the University after the last meeting of the Academic Council, he be designated as the Secretary to the Academic Council. The above decision shall be placed before the Board of Management at its forthcoming meeting for ratification.

Chairman also apprised the members of the Academic Council with the actions taken and achievements made by the University during the last 10 months.

Agenda 2.2   : Confirmation of the minutes of the 1st meeting of Academic Council held on 8.1.2010

Decision :   Minutes of the first meeting of the Academic Council held on 8.1.2010 were   circulated   among   all   the   members   vide   minutes DTU/ORG/AC/Meeting/01(1)/2010/852-74 dated 27.01.2010 no comments have been received from any of the members.

The Academic Council therefore, confirmed the minutes of the first meeting of the Council.

Agenda 2.3 Action taken report on the decisions taken in the 1st meeting of the Academic Council.

Decision : Action taken report was placed before the Council and was accepted by the Council.

Agenda 2.4 : Matter for information

1. Increase in Intake in UG and PG programs :

The Academic Council was apprised that the intake of students in UG programs has gone up from 670 (before becoming DTU) to 910 in 2009-10 and 1124 for the academic session 2010-11, which includes increase due to 15% OBC reservations. Likewise the intake of the PG programs has also gone up from 162 (prior to becoming DTU) to 306 in 2009-10 and to 421 in 2010-11 which includes an intake of 60 for the School of Management and 15% OBC reservations. New courses have been added in emerging areas of Engineering and applied science which include Engineering Physics, Software Engineering, Nano-Science and Technology, VLSI Design etc

2. **Campus Placements:**

The Council was apprised that the University has made excellent progress on the placements front during 2009-10. 683 job offers were received from 138 companies during 2009-10. In the current academic session 2010-11, over 405 job offers have been received from 65 companies till 10th December, 2010.

3. **Ranking of DTU in Independent Surveys:**

The council was apprised that the ranking of the DTU in independent surveys has also gone up to rank no 8 in Outlook India among top 10 institutions including IITs compared to 14 in previous year. Likewise, India Today ranked DTU at No. 13 as against 15 for DCE earlier. Dataquest also ranked DTU at No. 12 from No. 16 in the previous year.

4. **New Faculty Joined:**

It was informed to the council that 48 new faculty members have joined the University in its academic departments. They have been recruited through open advertisement through Statutory Selection Committees. The academic calendar of the University has been pursued in all sincerity and that the end semester examinations for UG and PG programs were commenced from November 18, 2010 have also been successfully completed on December 15, 2010.

5. **DTU Innovations in International Competitions:**

The Academic Council was informed that DTU fared well in International Innovative Design Competitions for Unmanned Aircraft Systems in Maryland USA and All Terrain Vehicle in South Africa.

6.   **Academic Departments**

The council was apprised that the University currently has the following academic departments:-

i.	Department of Mechanical Engineering.
ii.	Department of Production and Industrial Engineering.
iii.	Department of Electrical Engineering.
iv.	Department of Civil Engineering.
v.	Department of Environmental Engineering.
vi.	Department of Electronics & Communication Engineering.
vii.	Department of Computer Engineering.
viii.	Department of Information Technology.
ix.	Department of Bio-technology.
x.	Department of Polymer Science and Chemical Technology.
xi.	Department of Applied Chemistry.
xii.	Department of Applied Physics.
xiii.	Department of Engineering Physics.
xiv.	Department of Applied Mathematics.
xv.	Department of Humanities.
xvi.	Department of Training & Placement.
xvii.	Delhi School of Management.

The Department of Mechanical Engineering and Department of Production and Industrial Engineering are currently clubbed together under the Department of Mechanical Engineering and are running programs in Mechanical Engineering, Automobile Engineering and Production and Industrial Engineering in addition to the Post Graduate programs in areas related to Mechanical and Production Engineering.

Likewise Department of Electrical Engineering is running both Electrical Engineering and Electrical and Electronics Engineering courses.

The Department of Computer Engineering is also running Software Engineering programs.

The Department of Civil Engineering and Environmental Engineering are also clubbed together at present and are running programs in the areas of Civil Engineering and Environmental Engineering.

7. Inclusion of Priority VI and VII under the Defence Category (CW) in admissions under B.Tech. programs

The council was informed that the University has earmarked 5% of total seats under B.Tech. programs reserved for children/widows of personnel of Armed/Paramilitary Forces killed/disabled in action during the hostilities covered under priorities I to V out of VII priorities recommended by Ministry of Defence, Govt. Of India vide their communication dated 17.11.2000. Seven priorities recommended are as follows :

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

PRIORITY II - Wards of serving personnel and ex-servicemen/Para Military Personnel disabled in action.

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

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

PRIORITY V – Wards of ex-servicemen personnel and serving personnel/para military/police personnel who are in receipt of Gallantry Awards.

PRIORITY VI – Wards of ex-servicemen

PRIORITY VII – Wards of serving personnel

Last two priorities are not included by the University.

One of the candidates namely Mr. Sukhanshu Singh who was covered under the priority VI and not considered for admission by the Admission Committee had filed a petition before the Hon'ble High Court of Delhi on the plea that he is eligible for admission based on the recommendations of the Ministry of Defence, Govt. Of India. The Hon'ble High Court on the appeal filed by the University against the judgement of single bench of the Hon'ble High Court, however, acceded to the contention of the University and set aside the order of the single bench. However, the Hon'ble Court has desired that the Academic Council to further deliberate on the aspect , if the left out categories **(P-VI and P-VII)** can be considered for inclusion in the priorities for defence category.

The matter is coming up before the Council under Supplementary Agenda No. 3 for Admission Policy for 2011-12.

Decision : The Council noted the above matters for information.

Agenda 2.5 : Confirmation of admission of students in various programs of DTU viz. B.Tech., B.Tech (Evening), M.Tech and MBA during academic session 2010-11.

Academic Council was apprised that counselling for admission to all the 14 B. Tech. programs was conducted in three phases, Ist phase was held during 7th July to 21st July, 2010, IInd phase counselling was held on 16 to 18th August, 2010 and IIIrd phase on 30 and 31st August, 2010. The counselling for Delhi ST candidates was held first on 22th July, 2010 and secondly cn 18th August, 2010 after getting orders from Govt. Of Delhi for implementing reservation (7.5%) in respect of ST candidates. Similarly admissions to M. Tech. Program were held on 2nd and 3rd July, 2010 and for MBA program on 19th to 23rd April, 2010. The counselling for B. Tech.(Evening) programs was held during 15 to 20th July, 2010. The admissions were closed on 31st August, 2010 in all the programs offered by the University.

1124 candidates were admitted under B. Tech programs, 241 candidates under M. Tech. programs 61 candidates under MBA and 147 candidates under B. Tech.(Evening) programs. Department-wise/discipline-wise list of candidates admitted under B. Tech., M. Tech, MBA and, B. Tech.(Evening) was also placed.

Decision : The Academic Council approved the admission to B. Tech., M. Tech., MBA and B. Tech (Evening) programs for the academic session 2010-11.

Agenda 2.6 : Confirmation of admission of students under NRIs/PIOs/FN category in the DTU during academic session 2010-11.

It was apprised to the council that notice for admission to 5% seats reserved for NRIs/PIOs/FNs over and above the normal intake was published in leading news papers and also uploaded on website separately. In response to that university received 22 applications out of which 12 candidates were found to be eligible for admission. The list of the admitted candidates under the above category was also placed.

Decision : The Academic Council approved the admission to B.Tech. under the NRIs/PIOs/FNs category.

Agenda 2.7 : Renaming of M.Tech (Computer Technology & Application) to M.Tech. (Computer Science & Engineering)

It was apprised to the council that the erstwhile DCE had been offering a M.E. program in Computer Technology and Application since 1998 under the Department of Computer Engineering. After reconstitution of DCE into DTU, the program has been renamed as M. Tech. in Computer Technology & Application and admissions were made by the university accordingly. The Department of Computer Engineering has now proposed that M. Tech. Program in Computer Technology & Application be renamed as M. Tech. in Computer Science and Engineering. The change in nomenclature of the program has been approved by the Board of Studies of the department. The department has stated that the change in name has become necessary due to start of a new M. Tech program in Software Engineering from the session 2009-10. The following eligibility condition has been prescribed by the department for the M. Tech. program in Computer Science and Engineering.

    i.   The candidate should have passed B.E/B. Tech degree from a recognized University in Computer Engineering/Software Engineering/IT/EC or M.Sc. in Computer Science (with Physics 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 recognized University or any other examination recognized by the University equivalent thereto.

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

The eligibility criteria prescribed for admission to M. Tech.(Computer Technology and Application) in force for the academic session 2010-11 as per DTU Prospectus 2010-11 was as under :

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) score.

Decision : Academic council approved the proposal with the modification that "B.E./B.Tech in Electrical Engineering and M. Sc in Computer Science with Physics and Mathematics at the B. Sc level" be incorporated in the eligibility criteria for admission to this program. The other eligibility conditions will remain the same.

Agenda 2.8 : Permission to the students who have secured less than 25 credits at the end of 2nd Semester to appear in 3rd Semester examination

It was informed to the Academic Council that there are 6 students namely Manish Kumar (DEEE/2k9/126), Nishant Ketan Singh (DEEE/2k9/133), Uday Singh (DAE/2k9/262), Varun Indoria (DEP/2k9/358) Rahul Kumar (DEP/2k9/336) and Kapil Meena (DEP/2k9/321) of DTU who have secure less than 25 credits at end of 2nd semester. As per provision of the Ordinance 1 relating to B.Tech. programs, the name of such students should be struck out from the role of the university. The cases of all the above 6 students are examined by a committee headed by the Vice Chancellor on 29.11.2010 which was attended by all the Deans, Controller of Examination and other concerned officers. The committee after deliberations has recommended that these students should be permitted to appear in 3rd semester examination as a special chance subject to the following conditions :-

"The result of 3rd semester examination held in November-December, 2010 will be declared only if these students are able to earn a total of 25 (twenty five) credits on the basis of the result of 1st semester examination in the subjects in which these students have appeared as back paper candidates. If they do not earn 25(twenty five) credits even after appearing in 1st semester examinations held in November-December as back paper students, their 3rd semester registration/examination shall stand cancelled.**

The above decision shall be applicable to the students of 2009-10 batches only".

**Such candidates will be allowed to register in third semester only after they have earned a total of 25 (twenty five) credits in 1st and 2nd semester.

Minutes of the committee were placed in *Annexure 2.8.6 (page 69 of the Agenda Note).*

Decision : The Academic Council approved the proposal.

Agenda 2.9 : Finalization of code number for all the M. Tech. courses

It was informed to the Academic Council that in order to provide code number to all the M. Tech. offered by the University a committee was constituted under the chairmanship of Prof. B. D. Pathak, Dean (Academics) other members of the committee were Controller of Examination, controller, Board of Technical Education and three more

faculty members from the University. The committee had three meetings on 3.11.2010, 4.11.2010 and 8.11.2010 to discuss the issue and after detailed deliberations recommended the following scheme of coding for all M. Tech. courses of DTU:-

I   Semester subject – 5XX

II   Semester subject – 6XX

III   Semester subject – 7XX

IV   Semester subject – 8XX

The codes for all the course of M. Tech. 1st and 3rd semester have been assigned accordingly.

Order related with composition of the committee and minutes of the meeting dated 8.11.2010 were placed in *Annexure 2.9.7 (Page 70 of Agenda Note) and 2.9.8 (Page 71 to 77 of Agenda Note).*

Decision : The Academic council considered the recommendation of the committee and approved the same

Agenda 2.10 :   Provision of bridge courses for M. Tech. 1st Semester in Polymer Technology

It was informed to the Academic council that the Ordinance 2 relating to scheme of examination for M. Tech. program for 1st semester has the provision for course work of three core theory(three papers), one laboratory (one Paper), course work of two core theory (two papers), one laboratory (one paper) and self study, open area, seminar – one. It does not have any provision for bridge course. The Head, Department of Applied Chemistry has brought to the notice that M.Tech. program in Polymer and Chemical Technology offered by the department is interdisciplinary in nature. The candidates having Bachelor degree in any Engineering branch or Master of Engineering are eligible for admission in the program, there is a requirement of back-ground knowledge in the area of Applied Chemistry and Polymer Science. Because of this reason, the department has to offer two bridge courses for the candidates who are having :-

a. Bachelor degree in Engineering/Technology
b. Masters degree in any science discipline

The proposal of the department was examined by a committee headed by the Hon'ble Vice Chancellor in its meeting held on 28.10.2010. The committee has consented with

the proposal of the department and recommended the following for consideration of the Academic Council:-

"The Bridge courses will be only audit type where the marks obtained by a candidate will not be added in the overall marks. The students will have to obtain the minimum qualifying marks in that subject. However, marks will not be published on the mark-sheet in respect of bridge courses. Only a line will be printed on the mark-sheet that "Candidate has successfully qualified the Bridge Course(s) of ...."

Minutes of the committee were placed in *Annexure 2.10.9 (page 78 to 80 of Agenda Note).*

Decision : **The Academic Council approved the proposal with slight change in eligibility by replacing the word Master of Engineering with Master of Science (Chemistry)**

Agenda 2.11 : **Modification in scheme of examination in 3rd semester of M. Tech. program offered by the University**

It was informed to the Academic Council that the Ordinance 2 relating to scheme of examination for M. Tech. program for 3rd semester has following provisions for two theory course, two laboratory courses one minor project, one major project and one seminar course. But due to lack of uniformity in laboratory courses being offered in 6 M. Tech. programs of DTU in 3rd semester, an emergent meeting was convened under the chairmanship of the Vice Chancellor on 28.10.2010 that was attended by the Dean(Academic), Controller of Examination, HODs of the concerned courses, Deputy Controller of Examination. The committee was informed that minor project and major project work involve substantial amount of laboratory works hence, there is no need for additional laboratory course during 3rd semester. After detailed deliberation on the subject, the committee recommended that for the current third semester the marks for laboratory works will be transferred to minor project and major project so that the total marks of III semester remains same.

Scheme of examination for 3rd semester notified in the ordinance No.2 :-

Course work of 2 Elective Theory	2	50	100	150
2 Laboratory	2	30	70	100
Self-study open area seminar-II	-	-	100	100
Minor Project II	-	-	200	200
Major Project Part I	-	-	200	200

Modified Scheme of examination for 3rd semester :-

Courses work of 2 Elective theory	2	50	100	150
Self study open area seminar-II				100
Minor Project II			300	300
Major Project I			300	300

Further for evaluation of minor and major project, the following scheme of evaluation is suggested :-

Major Project	To be examined by a Board of four examiners (2 internal and 2 external
Minor Project-II	
Major Project-II	Each candidate to be examined by one internal and one external examiner. It will be ensured that Viva voce of all the candidates shall be conducted over a period of 1-2 days in such a way that one common external examiner belonging to a broader area of specialization examines 3-4 candidates as is the normal practice followed in the IITs. These examinations will be conducted in the presence of HODs & other faculty members of the respective department.

Decision :   The Academic Council approved the modification as suggested above in the scheme of examination for M. Tech. 3rd Semester for consideration of the Board of Management.

Agenda 2.12 :   Providing of Reservation for single girl child to promote small family Norms

The Academic Council was apprised that a letter dated 11.11.2009 from Shri Sarvan Kumar Garg, Joint Secretary(RWA), B-314, B Block,   Nanakpura, New Delhi was received through the Department of TTE as well as through the Directorate of Higher Education wherein Mr. Garg has stated that reservation of seats should be made under B.Tech. in technical colleges or the university to promote small family norms similar to Ladli and other scheme implemented by Govt. of Delhi. He has further desired that students admitted under this category be given concession of fee also. In response to the communication received from the Department of TTE and Directorate of Higher Education, the University has informed the departments that the issue will be

taken up with the Academic Council for consideration. Accordingly, it has been proposed as agenda item. Copy of the letter dated 3.2.2010 from Deputy Director, DTTE was placed in *Annexure 2.12.10 (Page 81 to Page 85 of Agenda Note)*.

Decision : Academic Council considered the proposal and approved reservation of one seat, over and above the normal intake, in each B.Tech program of the university for the girl candidates from the family having only single girl child.

The admission to such girl candidates shall be made on the basis of merit / rank of AIEEE subject to fulfilment of other eligibility conditions as laid down for admission to B.Tech Program of DTU.

Agenda 2.13 : Ordinance No.4 governing programs leading to the degree of Doctor of Philosophy (Ph.D)

The Academic council considered the Ordinance for Doctorate of Philosophy (PhD) of the University as placed in *Annexure 2.13.11 (Page 86 to 104 of Agenda Note)*.

Decision : The Academic Council approved the Ordinance for PhD placed in Annexure 2.13.11 with the following modifications:

(i) Clause R1.1- "having proven research capability" be added in the last line after CGPA.
(ii) Clause R6.2- relating to course work "candidates with M.Phil Degree shall be required to take 2 courses of total 06 credits" be added in the last line of R6.2.

Agenda 2.14 : Ordinance No.5 relating to admission to the courses of study conduct and evaluation of examination for undergraduate program leading to Bachelor of Technology (Evening) degree.

The Academic Council was apprised that the Fifth ordinance governing programs leading to the degree of Bachelor of Technology (Evening) has been prepared and placed in *Annexure 2.14.12 (Page 105 to 115 of Agenda Note)*.

Decision : The Academic Council decided that the Board of Studies for the courses for B.Tech (Evening) program should be the same as the BoS for the B.Tech program in the respective departments. The Council authorized Vice Chancellor, Chairman of Academic Council

to approve the said ordinance in consultation with the Dean (Continue Education) and place the same before the Board of Management of the University at its forthcoming meeting on 28.12.2010.

Agenda 2.15 : Ordinance No.6 on maintenance of disciplines among the students.

The Academic Council was apprised that the Sixth ordinance governing discipline among the students has been prepared and placed in *Annexure 2.15.13 (Page 116 to 122 of Agenda Note).*

Decision : **The Academic Council approved the Ordinance No. 6 as was placed in the Annexure 2.15.13.**

Supplementary Agenda 1

Matter for information and ratification

The Academic council was apprised about the following items

(i) *Syllabus for 2nd semester of B. Tech. Program in Electrical & Electronics Engineering, Software Engineering, Engineering Physics and Automobile Engineering introduced from the year 2009-10*

It was submitted for information of the Council that scheme of examination for second semester was approved by the Council in its meeting held on 8.1.2010. However, syllabus for second semester of B. Tech. Program for the above courses which was under preparation at that time was later approved by the Vice Chancellor exercising the powers of Academic Council as conferred to him under Section 13 (4) of the DTU Act 2009 as the second semester had started from 11.01.2010. Accordingly above courses were taught and examinations were also held from 17th May, 2010 onwards. Copy of Scheme of Examination and syllabus for second semester for the B. Tech program was placed in Annexure SA1(i) from page 1 to 22.

(ii) *Syllabus and Scheme of Examination for 3rd semester of B. Tech. Program in Electrical & Electronics Engineering, Software Engineering, Engineering Physics and Automobile Engineering introduced from the year 2009-10*

It was submitted for information of the Council that scheme of examination and syllabus for third semester of B. Tech Program for the above four courses was approved by the Vice Chancellor exercising the powers of Academic Council as conferred to him under section 13 (4) of the DTU Act 2009 to carry out the instructions for the third semester courses which started from 1.8.2010. Accordingly, the above courses were taught and examinations were also held during November-December 2010. Copy of Scheme of Examination and syllabus for third semester for the B. Tech program was placed in **Annexure SA1(ii)** from **page 23 to 61.**

(iii) *Syllabus and Scheme of Examination for first semester of B. Tech. Program for all 14 courses including 10 courses offered under erstwhile DCE from the year 2010-11 onwards.*

It was submitted for information of the Council that from this year University admitted students for all the 14 programs including 10 courses offered under erstwhile DCE. Further, to utilise the available resources i.e. manpower and infrastructure efficiently it was decided to divide these fourteen courses into two groups comprising of seven courses in each group i.e. Group-A & B.

Group A includes the courses of Electrical & Electronics Engg (EEE), Engineering Physics (EP), Automobile Engineering (AE), Software Engineering (SWE), Electrical Engineering (EE), Mechanical Engineering (ME), Production & Industrial Engineering (PIE).

Group B includes the courses of Civil Engineering (CE), Environmental Engineering (ENE), Electronics & Communication Engineering (ECE), Polymer Science & Chemical Technology (PCT), Biotechnology (BT), Information Technology (IT), Computer Engineering (COE).

The Vice Chancellor exercising the powers of Academic Council as conferred to him under section 13 (4) of the DTU Act 2009 has approved the amendments in the syllabus and scheme of examination for the first semester to carry out the instructions for the Academic Session which started from 01.08.2010. Accordingly, the above courses were taught and examinations were also held during November-December 2010.

The subjects that will be taught under Group A and Group B during first and second semester was placed in the **Annexure SA 1(iii)** at **page 62.**

(iv) *Minutes of the Board of Studies of the Department.*

The meeting of the Board of Studies held to consider and approve the course curriculum and scheme of examination for the new B.Tech. and M.Tech. programs introduced from the session 2009-10 as well as the revised curriculum and scheme of examination of B.E./ M.E. programs offered under erstwhile DCE was tabled by the Heads of the Departments in the meeting of the council.

Decision : **The Academic Council noted the items for information and ratified the action taken by the University.**

Supplementary Agenda 2

Syllabus and Scheme of Examination for 4th semester of B. Tech Program in Electrical & Electronics Engineering, Software Engineering, Engineering Physics and Automobile Engineering introduced from the year 2009-10

It was submitted that syllabus and scheme of examination for fourth semester of the above B. Tech courses have been framed and got approved by the Board of Studies of the Departments. The same were placed at **Annexure SA 2** from **page 63 to page 96.**

Decision : **The Academic Council approved the proposal as placed at Annexure SA-2.**

Supplementary Agenda 3

Admission Policy for the session 2011-12

(i)   **B. Tech program**

It was submitted to the Council that admission process for the academic session 2011-12 has to be started soon. It is proposed that the admission to all the B.Tech programs be made on the basis of merit/rank of AIEEE 2011 conducted by CBSE, New Delhi from amongst the candidates who are declared eligible by the CBSE for counselling and who will apply for admission to the Delhi Technological University.

a. Application Fee:

The last year application fee for B. Tech Program was fixed @ Rs 750/- per application and for M. Tech Program & MBA Program it was fixed @ Rs 1000/-. As a result, some of the candidates submitted wrong application fee in either

programs. However, to keep uniformity this year it is proposed to fix application fee as Rs 1000/- for B. Tech program also.
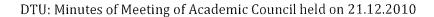
b. Region-wise seats allocation will be as follows:

The total seats marked for the full time B. Tech courses shall be allocated region-wise as follows

(i) **Delhi Region** – For students passing from the recognized Schools/Colleges/Institutions located within the National Capital Territory of Delhi – 85%

(ii) **Outside Delhi Region** – For students passing from the recognized schools/colleges/institutions located outside the National Capital Territory of Delhi – 15%

Note :

(a) The criterion for deciding the region of the candidate who have passed/appeared in the qualifying examination through Patrachar Vidyalaya. Delhi/National Institute of Open School, Delhi is whether centre of examination was/is located in the NCT of Delhi or outside NCT of Delhi.

(b) Except for nominees of Govt. of India, the admission is open to Indian Nationals only.

So far as eligibility criteria and procedure for admission is concerned, it will remain the same as followed for the academic session 2010-11. With regard to reservation policy in respect of SC/ST/OBC it will be provided as per policy of Govt. of Delhi. The candidate claiming reservation in admission for Delhi region under SC/ST/OBC category shall be required to produce caste certificate issued by Govt. of NCT of Delhi. However, 5% reservation being provided to the defence category candidates that includes 5 Priorities out of 7 recommended by Ministry of Defence in their letter of dated 17.11.2000 has to be reviewed/re-examined in light of the direction passed by the Hon'ble High Court of Delhi in LPA 786/2010 which was filed by the University against the order passed by the single Bench in WPC No. 5682/2010. It has already been taken as Item No. 7 of the Agenda 2.4 i.e. Matter of Information. Academic Council may deliberate on the issue of inclusion of Priorities 6 & 7 in reservation being provided to Defence Category. Copy of the policy for B. Tech. program & order passed by Hon'ble High Court of Delhi in LPA 786/2010 are placed at **Annexure SA 3 (i)** from **page 97 to 122.**

(ii)   B. Tech (Evening) program

The university has been offering B. Tech (Evening) program in four disciplines of Electrical Engg, Electronics & Communication Engg, Mechanical Engg and Civil Engg with an intake of 30 each. The classes are held 6 days a week in the evening from 6.00 pm to 9.00 p.m.

The following admission policy may be laid for the program:

a. Admission to the evening programs shall be made on the basis of merit/rank secured in the merit of the respective branch in the Entrance Examination conducted by the Delhi Technological University.

b. The eligibility conditions for admission and Selection Procedure shall remain the same as it was followed for the academic session 2010-11. With regard to reservation in respect of SC/ST/OBC it will be provided as per policy of Govt. of Delhi. **The candidate claiming reservation in admission under SC/ST/OBC category shall be required to produce caste certificate issued by Govt. of NCT of Delhi.** The copies of eligibility criteria and procedure for admission are placed in **Annexure SA 3 (ii)** from **page 123 to 125.**

c. Application Fee:

The last year application fee for B. Tech Program was fixed @ Rs 750/- per application and for M. Tech Program & MBA Program it was fixed @ Rs 1000/-. As a result, some of the candidates submitted wrong application fee in either programs. However, to keep uniformity this year it is proposed to fix application fee as Rs 1000/- for B. Tech Part-time (evening) program also.

(iii)   M. Tech and MBA program

It was proposed that admission policy in respect of M. Tech and MBA program as followed in the academic session 2010-11 shall also be followed in the session 2011-12. The eligibility conditions for admission/ Selection Procedure and Application Fee shall remain the same as it was followed for the academic session 2010-11. With regard to reservation in respect of SC/ST/OBC it will be provided as per policy of Govt. of Delhi. **The candidate claiming reservation in admission under SC/ST/OBC category shall be required to produce caste certificate issued by Govt. of NCT of Delhi.** The copies of eligibility criteria and procedure for admission are placed in **Annexure SA 3 (iii)** from **page 126 to 135.**

(iv) **Admission to NRIs, Foreign Nationals and Persons of Indian Origin under B. Tech., M. Tech and MBA programs for the session 2011-12**

It was proposed that this year also maximum of 5% of total sanctioned intake in each B. Tech and M. Tech program shall be earmarked for admission to the above categories of candidates. The admission to the above categories shall be on the basis of the following criteria:

Eligibility Criteria for admission to B. Tech. Program

The candidates besides securing 60% 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.

Other conditions and procedure shall remain the same as has been followed in the last academic session i.e. 2010-11.

Eligibility Criteria for admission to M. Tech. Program

Qualification : Entry qualifications shall be the same as prescribed for the Indian students pursuing M. Tech program.

Selection criteria : 80% on the basis of GATE/GRE and 20% on the basis of interview.

It was submitted for consideration of the Council that there are two kinds of SAT examination i.e. SAT-1 and SAT-2. In the decision taken in the last Council Meeting, it was not clearly decided by the University which score of SAT-1 or SAT-2 will be considered by the University and this created difficulty for the University after release of the advertisement. However, considering the fact that SAT-2 examination evaluate the marks in subjects like Physics, Maths etc, candidates were asked to submit SAT-2 scores and accordingly admissions were made for the session 2010-11. Therefore, while deciding the policy for NRI this time it needs to be clearly indicated in the decision. Further, it has been noted that SAT examinations are conducted four times in a year and score is valid for 5 years. Eligibility criteria for NRIs, Foreign Nationals and Persons of Indian Origin under B. Tech., M. Tech and MBA programs for the session 2011-12 & validity of SAT score was placed in the **Annexure SA 3 (iv) from page 136 to 138.**

Other conditions and procedure has been proposed to be kept same as has been followed in the last academic session i.e. 2010-11.

Decision: The Academic Council approved that:

(i) The admission policy for the year 2011-12 for the B.Tech, M.Tech, MBA and B.Tech (Evening) programs shall be the same as that was approved for the academic session 2010-11 except that SAT II score with Physics and Mathematics shall be required for admissions to B.Tech program for the 5% seats earmarked for the NRIs / PIOs / Foreign Nationals.

(ii) The Council deliberated in detail on the recommendations of the Ministry of Defence for inclusion of priorities 6 and 7 in the Defence Category admissions in the light of the decision of the Hon'ble High Court Delhi in the LPA 786/2010 as placed at Annexure SA 3 (i) from page 97 to 122. It was the considered view of the Council that the horizontal reservation of 5% seats for the Defence category candidates has been kept primarily to grant reservations for those category of the wards of the defence personnel who have lost their life / disabled in action, died / disabled in peace time with death attributable to Military service and for the wards of the Ex-servicemen and serving personnel / paramilitary / police personnel who are in receipt of gallantry awards. The basic purpose is to grant priority admission to those candidate who are the wards of defence families who have sacrificed their life / suffered disabilities / achieved gallantry awards for their distinguished services to the nation. The 5% reservation is horizontal in nature and these seats are taken out of the seats available for admission in the University for General and other reserved categories. As such the benefit of this reservation is to go to the candidates from the families of the Defence personnel who have suffered hardship or achieved gallantry awards. The Academic Council also took note of the position of reservations for Defence quota in institutions of repute such as IITs and NITs. It was noted that in the IITs only the first two categories (priorities) out of the 7 suggested by the Ministry of Defence are being considered for admission under the Defence quota. The Academic Council, therefore, decided that the admissions to the 5% seats earmarked for Defence quota be made from among the candidates from the following five categories in the order of the priority given below:

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

PRIORITY II - Wards of serving personnel and ex-servicemen/Para Military Personnel disabled in action.

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

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

PRIORITY V – Wards of ex-servicemen personnel and serving personnel/para military/police personnel who are in receipt of Gallantry Awards.

Supplementary Agenda 4

Introduction of new B.Tech. Program in Mathematics & Computing with intake 30 from the academic session 2011-12 and approval of scheme & Syllabi for the proposed B.Tech. Program
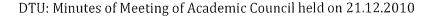
It was apprised to the Council that the Department of Applied Mathematics want to start new B.Tech. Program in **Mathematics & Computing** with intake 30 from the Academic Session 2011-12. The BoS of Applied Mathematics in its meeting held on 20.9.2010 has approved the scheme & syllabi for the first four semesters of the proposed new B.Tech. Program in Mathematics & Computing. The first 2 semester will be common with all other existing courses offered by the DTU.

Decision   **The Academic Council approved the proposal to introduce new B. Tech program in Mathematics in Computing with intake of 60 from the academic session 2011-12 and approved the syllabi and scheme of examination upto the fourth semester as was placed in Annexure SA-4 (from page 139 to 154).**

Supplementary Agenda 5

Progress reports and achievements of the academic departments

The HoD, Bio-Technology apprise the Council of the achievements of the Bio-Tech Department and placed the copies of syllabus and scheme of examination for B.Tech (Bio-Tech) and M.Tech (Bio-informatics).

Decision :   The Academic Council appreciated the progress made by the Bio-Tech Department and approved the syllabi and course scheme of B. Tech (Biotech) and M.Tech (Bio-informatics).

The meeting ended with a vote of thanks to Chair.

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

(U. K. Worah)
Registrar

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