DELHI TECHNOLOGICAL UNIVERSITY

Minutes of the
8th Meeting
of the
Academic Council

held on 27.03.2014

Shahbad Daulatpur, Bawana Road, Delhi-110042

DELHI TECHNOLOGICAL UNIVERSITY
Established under Govt. of Delhi Act 6 of 2009
(Formerly Delhi College of Engineering)
BAWANA ROAD, SHAHBAD DAULATPUR, DELHI-42

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17/04/2014

Minutes of the 8th meeting of the Academic Council held on 27.03.2014 at 11.00 a.m. in the Senate Hall, Administrative Building of DTU.

The 8th meeting of the Academic Council of DTU was held on 27.03.2014 at 11.00 a.m. in the Senate Hall, Administrative Building of DTU.

. The following members were present in the meeting:

1. Prof. Pankaj Jalote, Hon'ble acting Vice Chancellor, DTU
2. Prof. S.K. Jain, Vice Chancellor, Mata Vaishno Devi University, Katra, J & K.
3. Prof. S.K. Garg, Pro Vice Chancellor, DTU.
4. Prof. O.P. Verma, Dean (CE) & HOD (IT).
5. Prof. Naveen Kumar, Dean (I.C.) & HOD (Mechanical Engg.).
6. Prof. Madhusudan Singh, Dean (SW) & HOD (E.E.).
7. Prof. Pragati Kumar, Associate Dean(Academic).
8. Prof. S.K. Singh, HOD (Env. Engg.).
9. Prof. B.D. Malhotra, HOD, Biotechnology
10. Prof. Rajeev Kapoor, HOD (E & C).
11. Prof. S.C. Sharma, HOD (Applied Physics).
12. Prof. H.C. Taneja, HOD (Applied Mathematics).
13. Prof. D. Kumar, HOD (Applied Chemistry).
14. Prof. P.K. Suri, HOD (DSM).
15. Prof. G.L. Verma, Applied Chemistry.
16. Dr. Seema Singh, HOD (Humanities).
17. Sh. O.P. Shukla (CEO).
18. Prof. A.K. Gupta, Registrar.

Special Invitees:
19. Prof. R.K. Sinha, Department of Applied Physics.
20. Prof. B.D. Pathak, Department of Mechanical Engg..
21. Prof. D.S. Nagesh, Department of Mechanical Engg..
22. Prof. Nirendra Dev, Department of Civil Engg..
23. Prof. A.K. Sahu, Department of Civil Engg..
24. Prof. Reeta Wattal, Department of Mechanical Engg..
25. Prof. Vipin, Department of Mechanical Engg..
26. Prof. Vishal Verma, Department of Electrical Engg..
27. Prof. Uma Nangia, Department of Electrical Engg..
28. Prof. A.P. Gupta, Department of Applied Chemistry.
29. Prof. Daya Gupta, Department of Computer Engg..
30. Prof. Narendra Kumar, Department of Electrical Engg.

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31. Prof. R.S. Mishra, Department of Mechanical Engg..
32. Prof. R.C. Sharma, Department of Applied Chemistry.
33. Prof. Rakesh Kumar, Department of Civil Engg.
34. Sh. Neokant Deo, Dy. Controller of Examination..
35. Dr. Kapil Sharma, OSD (Results)
36. Ms. Lavika Goyal, Ph.D representative.
37. Mr. Nitin Jain, Ph.D representative
38. Mr. Sarthak Chowdhary, Cultural Sectt, B.Tech
39. Mr. Abhishek Tiwari, President, DTUSA.
40. Mr. Himanshu Daharia, M.Tech representative.
41. Mr. Punit Kanuga, M.Tech representative
42. Mr. Nishant Aggarwal, student.

Dr. K. Singh, Joint Registrar (Admn.) and Dr. Lokesh Garg, Assistant Registrar (Academic), DTU, attended the meeting as invitees to assist the Council.

Agenda 8.1 : Chairman's opening remarks

The Hon'ble Chairman, welcomed the members of the Academic Council and invitees and took agenda items for deliberation.

Agenda 8.2 : Review of Examination and Grading System and Plan to review the curriculum.

The Academic Council was informed that to that DCE was reconstituted into DTU in July 2009 with the passage of DTU Act by the Legislative Assembly of Delhi. At the time of reconstitution of DCE, admission to 10 UG programmes were already made under the old curriculum and scheme of examination. Four new UG programmes namely B-Tech (Electronics and Electrical Engineering), B-Tech(Automobile Engineering), B-Tech (Engineering Physics) and B-Tech (Software Engineering) were introduced with 60 intake in each program. Though, the curriculum of these disciplines was new, but the structure of curriculum in respect of examination, evaluation, teaching etc. was similar to the existing B.E. programmes under DCE. The main features of the existing scheme of teaching and evaluation are summarized below:-

1. B-Tech degree to be awarded after securing 228-240 credits.
2. Absolute marking scheme for calculation of SGPA/CGPA.
3. 70 percentage weightage to be given to End-Semester examination and 30 percentage weightage for Mid-Semester examination.
4. A centralized examination system with all the para pharmedia of a traditional affiliating University.

Now one full cycle of 4 years under the DTU ordinance- I has already been completed. It has been observed by committees like NBA, experts of AICTE, that the number of credits in the UG program is on higher side. Furthermore many faculty members are of the opinion that the centralized examination system and current pedagogy is oriented towards rote-learning. It was therefore proposed that the present curriculum needs to be reviewed thoroughly. Accordingly a committee has been constituted by the competent authority, comprising of the following faculty members to study the model of System of Examination, Grading and course feedback followed at IIT Delhi for adaptation in DTU.

1. Prof. Pragati Kumar, Associate Dean (Academic), DTU -- Convener
2. Prof. D.S. Nagesh, Mechanical Engineering, DTU- -------- Member
3. Prof. T.R. Shri Krishna, IIT Delhi ------------------------------- Member
4. Prof. S.R. Kale, IIT Delhi --------------------------------------- Member

The Committee may held its meeting at IIT Delhi or at DTU, as per the convenience of the IIT Delhi members. The outside members shall be paid the honorarium as per the norms of the DRC/BOS laid by the University for which the Convener can propose for sanction of advance.

Decision : **i. The Academic Council ratified the constitution of the Committee.**
ii. Regarding plan to review the curriculum, the academic council decided that every department should organise one to two days curriculum development workshop in which at least three to four members from other educational systems like IITs, NITs etc. should be invited. A core group of three to four faculty members from every department will do the complete homework and plan for the workshop. The report of these workshops will be discussed in the future AC meeting for their decision.

Agenda 8.3 : **Review of admission procedure and Brochure for M.Tech program.**

The Academic Council was apprised that the council has already approved the policy for admission to various B.Tech, M.Tech, MBA and Ph.D programs for the academic year 2014-15 in its 7th meeting held on 15.01.2014,.

In the meeting of the HoDs held on 25.03.2014, to discuss the difficulties encountered in the admission process last year, the entire admission process (For Full time, Part-time and sponsored Full time candidates) was discussed thoroughly and it was proposed that:

(i)   The eligibility criteria for different M.Tech programs in terms of qualifying examinations and GATE examination be listed explicitly in the brochure. The same has been incorporated in the brochure.

(ii)   Since GATE scores are valid for two years and GATE authorities specify different scores for these two years of validity, **it is proposed that for preparing the merit list, the GATE score valid for the period 15th March, 2014 to 14th March, 2015, will be used.** No normalization of the Gate score will be done.

(iii)   Last year there was a minimum Age requirement of 21 years for admission to the different M.Tech programs. **It is proposed to remove the minimum age requirement as it is not serving any purpose.**

(iv)   Last year the admission to M.Tech Part-time and Full time sponsored candidates was done on the basis of marks obtained in a written test (50% weightage), percentage in the qualifying examination (30%) and in an interview (20%) conducted in the departments. Because of difficulties in the logistics of conducting interviews for all the part time programs and non-uniformity in the marks awarded by different universities, **it is proposed to make admissions on the basis of the marks obtained in the written test to be conducted by the different departments on a date specified by the university.**

(v)   Last year there was a provision, that, if a candidate failed to turn up for admission on the specified date his candidature was not cancelled and he was considered for admission in the next round of admission also. This provision has created a lot of problems for the admission committee. **It is therefore, proposed that all such candidates who fail to report for admission on the specified date will forfeit their claim for admission. However they will be eligible for admission in the open round.**

(vi)   The representatives from Environmental Engg. Department suggested that for admission in M.Tech Environmental Engineering, M.Sc in Environmental Sciences should also be made eligible. The representatives from Bio-Technology Department suggested that for

admission in M.Tech Bio-Medical Engineering, B.Tech/B.E. in Electrical Engineering/Electronics & Communication Engineering/Electrical & Electronics Engineering should not be made eligible.

Decision : The Academic Council deliberated on each matter and took the following decisions :

i. The eligibility criteria as given in the brochure be vetted by the respective departmental BOS in case there is any deviation from last year.

ii. Approved as proposed.

iii. Approved as proposed.

iv. Approved with the condition that the respective departments may specify cut-off's for M.Tech (sponsored and part-time) candidates.

v. Approved as proposed.

vi. The eligibility criteria for admission to M.Tech (Environment Engg.) & M.Tech (Biotechnology) as proposed be vetted by the respective departmental BOS in case there is any deviation from last year.

The matter regarding eligibility of M.Tech (Part-time) & M.Tech (Full time) sponsored candidates in terms of experience was also deliberated at length. At present the minimum meaningful experience of one year is essential for admission in these categories. The Academic Council therefore, decided to increase the minimum meaningful experience from one year to three years w.e.f. academic session 2014-15 onwards.

Agenda 8.4 : Calendar for faculty recruitment on contract basis.

The Academic Council was informed that due to shortage of faculty, DTU, earlier DCE, appoint faculty on contract basis. The shortage has increased manifold due to implementation of OBC reservation announced by the Govt. of Delhi as well as introduction of various new B.Tech & M.Tech programs during the year 2009 and 2013-14 respectively.

The Contractual faculty are paid as Basic + AGP + DA, except during vacation. However, these faculty were engaged in Examination activity, evaluations etc. even after two weeks of the start of vacation. Further, they are also need to be in campus two weeks before the start of semester to prepare their pedagogy for semester. In DTU, winter vacation after odd semester is of approx. 4 weeks and summer vacation is of 8-9 weeks. Hence, it is proposed

that Contractual Assistant Professor may be appointed 02 weeks before the start of vacations & 02 weeks after start of vacations. This makes a total of 11 months of their contractual appointment i.e. they to be engaged from 15.7.2014 to 15.6.2015 and similar for subsequent years. To meet this shortfall, the university proposed to device a calendar for Recruitment of Faculty on contract, which is as under:

i.	Advt.	20.02.20XX
ii.	Last Date of Application	31.03.20XX
iii.	Short listing & invite for interview	15.04.20XX
iv.	Selection Committee	May, 20XX
v.	Selection	01.06.20XX
vi.	Offer Letter issued	15.06.20XX
vii.	Joining	15.07.20XX

Decision : The Academic Council approved the calendar with the following conditions.

i. **Renewal of period for contractual faculty shall be decided after taking input from the students, which shall be examined by the COE at his own level at least two weeks before the completion of the semester.**
ii. **The COE will send the recommendations of each contractual faculty to the administration within the time frame.**

Supplementary Agenda : 1   Revision of course contents of 8th semester, B.Tech (Eve) Civil Engg. Program.

The Academic Council was informed that the department of civil engineering proposed to revise the contents of the course of 8th semester, B.Tech (Eve) Civil Engineering program on the ground that these subjects are also been taught in the department of Electronics and Communication Engineering as well in the Mechanical Engineering department. The details iof the 8th semester B.Tech Civil Engineering (eve) course is as under:

Subject Code	Name of Subject	Teaching Load per week	Credit
TH-CECE 801	Construction Technology Management & specifications	04	06
TH-CECE 802	Elective-I	04	06
TH-CECE 803	Elective-II	04	06
TH-CECE 804	Based on Elective I/II	02	06
TH-CECE 805	Project	04	06
Total		18	30

The departmental BOS committee also approved the revision in its meeting held on 04.03.2014. Accordingly, matter is placed before the Academic Council for seeking approval.

Decision : The Academic Council approved the proposal with stipulation that in the subject code, the word 'TH' should be mentioned in the separate column instead of present format.

Supplementary Agenda : 2   Assigning of Roll No. having abbreviated codes to B.Tech students in DTU.

The Academic Council was informed that the University started taking admission in B.Tech 2nd year directly through Lateral Entry. Presently university also allot roll numbers to the regular students in 2nd year based on year of admission, as per the format approved by the academic council in its meeting held on 18.11.2011. With a view to identify the student admitted through lateral entry in the B.Tech program, the university has now contemplated to assign an abbreviated codes for roll number to the students pursuing B.Tech lateral entry program so that uniform pattern may be followed. Accordingly, abbreviated codes in roll no. to be given to the students admitted in 2013-14 through lateral entry was proposed as per the format given below:-

2KYY/PE/5BC

YY - Two digit year code (11-99) (2K13 for students admitted in 2013).
PE – Two digit alphabetic branch code as per existing list.
5BC – Three digit distinct code for each student started with 5.

Decision : The Academic Council approved the proposed format.

Agenda 8.5   :   Any other matter with the permission of the Chair.

1.   **Creation of two supernumerary seats in AICTE approved colleges for students of Jammu & Kashmir.**

The Academic Council was informed that AICTE, which is a statutory body of the Government of India, vested with the responsibility for proper planning and coordinated development of technical education system through out the country, in its 2nd meeting held on 23.08.2012 on Special Scholarship Scheme for

Jammu & Kashmir, under a supernumerary quota belonging to Jammu & Kashmir not exceeding a total of two seats, decided to grant admission to the students who fails to get admission in colleges/institutions which are NAAC approved and NBA accredited. Consequently the matter was taken in the executive committee of AICTE meeting held on 17.09.2012 which *"approved the proposal for creation of 02 supernumerary seats in AICTE approved institutes for admission to the students of Jammu & Kashmir not exceeding actual admission of a total of 250 such seats throughout the country and implementation of admissions matters thereof in engineering degree courses (AICTE approved)."*

Decision : The Academic Council approved the proposal for creation of two supernumerary seats for students of Jammu & Kashmir from the academic session 2014-15.

2. **Eligibility for registration in Mid-Semester Examination/End-Semester for their back papers.**

The Academic Council was informed that the university has already notified the certain guidelines for ex-students and their back papers pursuing various B.Tech, M.Tech programs of DTU vide order dated 31.10.2013. The matter was placed for ratification before the academic council in its 7th meeting held on 15.01.2014, which ratified the decision with the stipulation that *"Ex- Students who have failed/detained can appear in mid semester examination provided they are also appearing for end semester exam of the same subject in the same semester. The marks of sessional shall remain the same."* Accordingly, the decision of the Academic Council was placed before the BOM in its 12th meeting held on 07.02.2014 for its confirmation. The final approval is still awaited.

However, the matter regarding eligibility for registration of students in mid-semester/end-semester examination for back papers, was again raised by the Dean(Academic) in the 8th meeting of Academic Council. The following eligibility conditions are proposed for re-mid-semester examination:

a. All the students who were absent in their regular mid-semester examination and are appearing end-semester examination of the paper can register for mid-semester examination for that paper.

b. All the students who have registered for a particular paper (subject to the provisions off registration in maximum of six theory papers in a semester in all) can register in mid-semester examination. They will be evaluated for both mid-semester as well as end-semester examination and internal assessment.

Decision : The Academic Council approved the proposed eligibility conditions for the mid-semester examination in the current semester also.

The meeting ended with a vote of thanks to the Chair.

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

(Prof. A.K. Gupta)
Registrar

To

1. PA to VC for kind information of the Hon'ble Vice Chancellor
2. Prof. S.K. Jain, Vice Chancellor, Mata Vaishno Devi University, Katra, J& K.
3. Prof. C.R. Babu, Professor Emeritus, Former Pro Vice Chancellor, University of Delhi, Delhi-110007
4. Mr. O.P. Bhutani, Director BHEL, BHEL House, Siri Fort, New Delhi-110049
5. Prof. Vir Singh (Nominee from UGC), Department of Physics,IIT-Roorkee, Uttarakhand-247667
6. Prof. B.J. Alappat (Nominee from AICTE), Department of Civil Engineering, IIT- Hauz Khas, New Delhi-110016
7. Prof. S.K. Garg, Pro Vice Chancellor, DTU
8. Prof. A. Trivedi, Dean (IRD) & HOD (Civil), DTU.
9. Prof. O.P. Verma, Dean (CE) & HoD (IT), DTU
10. Prof. Naveen Kumar, Dean (I.C.) & HOD (Mechanical Engineering), DTU
11. Prof. Madhusudan Singh, Dean (SW) & HOD (E.E.), DTU.
12. Prof. S.K. Singh, HOD (Environmental Engineering), DTU.
13. Prof. B.D Malhotra, HOD (Bio. Technology), DTU.
14. Prof. Rajeev Kapoor, HOD (E & C & COE), DTU.
15. Prof. S.C. Sharma, HOD (Applied Physics), DTU.
16. Prof. H.C. Taneja, HOD (Applied Mathematics), DTU.
17. Prof. D. Kumar, HOD (Applied Chemistry), DTU.
18. Prof. P.K. Suri, HOD (DSM), DTU.
19. Prof. Pragati Kumar, Associate Dean (Acad).
20. Dr. Seema Singh, HOD (Humanities), DTU
21. Sh. O.P. Shukla (COE), DTU.
22. Prof. A.K. Gupta, Registrar, DTU.