



**DELHI TECHNOLOGICAL UNIVERSITY**

**Minutes of the  
Fourth Meeting  
of the  
Academic Council**

**held on dated**

**09.11.11**

**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)/2010/12307

Date : 14/11/11

**Minutes of the meeting of Academic Council held on 9.11.2011 at 11.00 a.m. in the Senate Hall of DTU.**

The Fourth meeting of the Academic Council of DTU was held on 9.11.2011 at 11.00 a.m. in the Senate Hall of DTU.

The following members were present:

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

Prof. Moin-Uddin, Pro Vice Chancellor, DTU, Prof. S.C. Dutta Roy, Prof. Surendra Prasad, Prof. J.P. Subrahmanyam, Ms. Shobha Mishra, Prof. Asok Bhattacharyya & Mukti Acharya, Professors, DTU could not attend the meeting due to their pre-occupation. Dr. K. Singh, Joint Registrar (Admn) attended the meeting as invitees to assist the Council.

The Minutes of the meeting are as follows:

**Agenda 4.1 : Chairman's opening remarks**

The Registrar extended warm welcome to the members of the Academic Council in its fourth meeting and requested the Vice Chancellor, Chairman of the Council to give his opening remarks. The Vice Chancellor in his opening remarks apprised the members that our new program in B.Tech. in Mathematics & Computing received

overwhelming response from the candidates aspiring to join this prestigious institution. It was informed that the University is currently offering 15 UG programs, 17 M.Tech and MBA program. There has been significant expansion of intake at UG and PG levels. The growth of research culture in the departments is also evident from the research publications published in journals of repute. Even the students of the university pursuing B.Tech. and M.Tech. programs are coming out with good research publication in international journals. A large number of faculty have submitted proposal to DST and other organizations for sponsored projects which is in conformity with our resolve to create and develop research culture and encourage consultancy in the University with quality. This is a positive sign for the University to grow further. He further apprised that results of B.Tech., M.Tech have been declared by the University well before the commencement of the next academic semester. It was pointed out that the results of students of BE registered with Delhi University of the batches admitted prior to DTU have not yet been declared despite exam having been held in May / June 2011. Thereafter, the Agenda Items were taken up one by one for discussion:

**Agenda 4.2 : Confirmation of the minutes of the 3<sup>rd</sup> meeting of Academic Council held on 18.7.2011**

The Academic Council was informed that Minutes of the Third meeting of the Council held on 18.7.2011 were circulated among all the members vide minutes No.DTU/ORG/AC/Meeting/01(1)/2010/7255 dated 22.7.2011, no comments have been received from any of the members.

**Decision : The Academic Council confirmed the minutes of the Third meeting of the Council.**

**Agenda 4.3 : Action taken report on the decisions taken in the 3<sup>rd</sup> meeting of the Academic Council**

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

**Agenda 4.4 : Matter for information**

**i. Ph.D Admissions 2011-12**

To attract best of minds to ensure high academic standards and encourage research and innovation in area of relevance to industry and society, the university invited application for Ph.D programs for the academic session 2011-12. The advertisement was published in leading news papers on 1.6.2011 and also uploaded on the University Website.

563 applications for Ph.D admission were received. Out of them 479 plus 66 candidates were shortlisted for screening test/exemption. In all 172 candidates were found eligible for interview after screening test and 236 candidates appeared for interview on 10 & 11<sup>th</sup> September, 2011. 105 candidates who were selected for Ph.D. Admissions were issued admission letters. The break-up of 105 candidates is as follows :-

Ph.D(Full Time) University Scholars	30 (21 + 9 (TRF)
Ph.D (Part Time)	67
CSIR Scholars	03
Ph.D(Full time) without Scholarship	05

The candidates have been given time to take admission upto 18<sup>th</sup> November, 2011.

**ii. Appointment of Teaching-cum-Research Fellow(TRF) and Post Doctoral Fellow (PDF)**

The University invited applications for appointment of TRF/PDF through advertisement in National Daily News papers and also uploaded on University Website. In response to that 68 applications were received for appointment of TRF. 30 candidates were shortlisted for screening test and 3 applicants exempted directly. 8 candidates qualified in the screening test, thus, 11 candidates appeared for interview on 10, 11 September, 2011. In all 3 candidates were selected for appointment as TRF and issued offer letter.

24 applications were received for appointment of PDF. 23 candidates were found eligible for interview. 6 candidates appeared for interview on 10, 11 September, 2011. In all 2 candidates were selected for appointment as PDF and issued offer letters.

It was further submitted for information of the Council that out of sanctioned 20 TRFs, 9 TRFs have been utilized for admission as Ph.D. scholar as only 3 candidates were found suitable under TRF. The transfer of 9 TRFs to Ph.D is subject to the condition that all these TRFs will be reverted back to its parent category with the vacancies arising against the Ph.D seats in due course.

**iii. M.Tech in Microwave and Optical Communication Engineering, run jointly by Department of Applied Physics and Department of Electronics & Communication Engineering**

The HOD, Department of Applied Physics has informed that the M.Tech. program in Microwave and Optical Communication is being offered jointly by Department of Applied Physics and Department of Electronics & Communication Engineering. This program is inadvertently mentioned as program offered by the Department of Electronics & Communication Engineering in the University Prospectus. This would be corrected and inserted in Prospectus of the University to be published for the year 2012-13.

**Decision :** The Academic Council took the above matters for information on record after due deliberation in respect of Agenda Item 4 (i) and 4 (iii) of the Agenda and took the following decisions –

- i. The Council decided that to avoid delay in admission to Ph.D. programs, advertisement for the program should be released in the month of March and the admission process be completed

by July itself so that Ph.D could also run as per the academic schedule like other programs.

- ii. The Council resolved that University Prospectus from the session 2012-13 should have mention that M.Tech program in Microwave and Optical Communication is run jointly by Department of Applied Physics and Department of Electronics & Communication Engineering. Further, it decided that the name of both the departments will be mentioned in the Mark Sheet of the students. However, the degree certificate will be issued as Master of Technology in Microwave and Optical Communication.

**Agenda 4.5      Confirmation of admission of students in B.Tech., B.Tech(Evening), M.Tech, and MBA Programs during the academic session 2011-12.**

It was submitted for information of the Academic Council that this year for the first time, the University conducted on line counselling for admission to all the 15 B. Tech. programs in 7 rounds, 1<sup>st</sup> round to 6<sup>th</sup> rounds were held during the period from 5<sup>th</sup> July to 31<sup>st</sup> August, 2011, and finally spot counselling was held on 5.9.2011. Similarly, the selection committee met on 4<sup>th</sup> and 5<sup>th</sup> July 2011 to select the candidates for admissions to 17 M. Tech. Programs, selection list was displayed on 7<sup>th</sup> July, 2011 and admissions were made during the period from 7<sup>th</sup> July to 18<sup>th</sup> July, 2011. The admissions to MBA program were made during the period from 25 April, 2011 to 5<sup>th</sup> September, 2011. The counselling for B. Tech.(Evening) programs was held during 19<sup>th</sup> to 22<sup>nd</sup> July, 2011. The admissions to all the UG/PG Programs were made as per the procedure and policy recommended by the Academic Council in its meeting held on 21.12.2010 and subsequently approved by the Board of Management in its meeting held on 28.12.2010. Further, it is informed that the University provided 21% OBC reservation in admissions to all the UP/PG Programs as per the decision of the Govt. of Delhi conveyed vide DTTE order No. 1(1058)/2009/SB/1518-27 dated 5.8.2011. The admissions were closed on 5<sup>th</sup> September, 2011 in all the programs offered by the University.

As per the details provided by the Academic Branch, 1391 candidates were admitted under B. Tech programs, 323 candidates under M. Tech. programs 68 candidates under MBA and 166 candidates under B. Tech.(Evening) programs.

**Decision : The Academic Council approved the admission to B. Tech., M. Tech., MBA and B. Tech(Evening) programs for the academic session 2011-12.**

**Agenda 4.6 : Confirmation of admission of students under NRIs/PIOs/FN category in B.Tech. program of the DTU during academic session 2011-12.**

It was submitted for information 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 as per the procedure and policy recommended by the Academic Council in its meeting held on 21.12.2010 and subsequently approved by the Board of Management in its meeting held on 28.12.2010. In response to that

university received 113 applications, out of which 47 candidates were admitted for the session 2011-12.

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

**Agenda 4.7 :** Award of degree in B.Tech. in Engineering Physics indicating major and minor specialization

It was submitted for the information of the Council that the HOD, Department of Applied Physics has submitted a proposal to redesign the award of degree as B.Tech. (Engineering Physics) with major specialization in Electronics & Communication Technology and minor specialization in any of the following subject:

- a) Nano Science and Technology
- b) Photonics
- c) Robotics and Intelligent System
- d) Nuclear Engineering

This four year 'B.Tech. in Engineering Physics' program covers the various interdisciplinary areas in physical sciences and emerging areas of engineering such as Nano Science and Technology, Microelectronics, Photonics, Quantum Information Systems and Robotics etc. The Department offers a Major in Electronics and Communication Technology and Minors in one of the four electives namely Nano Science and Technology, Photonics, Robotics and Intelligent System and Nuclear Engineering to cater the growing demand of industries and provide them a sound platform enabling them to pursue higher studies and research, hence, specialize in fields of their choice. The Engineering Physics program equips students with the fundamental knowledge of physics together with problems solving skills and understanding, which allows them to seek innovative careers in today's fast changing technological age.

The Vice Chancellor apprised the Council that this matter was discussed in the last meeting of the Academic Council though it was not mentioned in the Agenda note and left to be included in the minutes of the meeting. He requested the members to express their opinion/views on the proposal of the department. Prof. De and other members were very particular with regard to proposal relating to issuance of degree certificate in Engineering Physics with Major in Electronics & Communication. He desired to know the number of credits proposed in the course contents for Electronics & Communication Engineering. The HOD, Applied Physics was requested to satisfy the members. The HOD, Applied Physics explained in detail and informed that the department has prepared the course contents in line with the leading IITs for a similar program. It was also opined that this is an innovative program offered by the department, therefore, suggestion of the department that is already deliberated in the meeting of the BOS and also discussed in the meeting of SRC should be approved.

**Decision :** The Academic Council approved the proposal.

## **Agenda 4.8 : Revision of fee structure of UG/PG and Ph.D Programs**

### **(a) Revision of Fee for UG/PG Program**

The University has received a copy of the minutes of the meeting held under the Chairmanship of Chief Secretary, Delhi in which he desired that the fee structure of colleges for different course may be reviewed to maintain uniform rate of fee for similar level courses and existing fee structure may be revised/enhanced to make the institutes self sustainable in term of meeting their recurring expenses. It is pertinent to mention here that the decision regarding revision of fee structure has been taken in respect of degree level colleges that the university may also follow.

It was mentioned for information that fee structure for UG/PG programs of the University were reviewed in the meeting of the Committee of HODs and keeping in view the recommendation of the Committee, the University revised the fee for B.Tech., M.Tech. and MBA programs to Rs.48,000/- per annum inclusive of Rs.5000/- as Security Deposit. As the Govt. has now desired that fee structure of all the institutes should be revised/enhanced to meet the recurring expenditure and the fees for IITs has also been proposed to be enhanced by the MHRD, it is necessary that present fee structure be further revised to make at the level appropriate to meet atleast 80% of the recurring expenditure. The University has been currently generating revenue through fee approximately Rs.15 crores per annum at the existing intake. Whereas the recurring expenditure particularly on salaries of the University comes to approximately Rs.30 crores which is likely to be further increased due to filling of the vacant posts to Rs.42 crores per annum.

Accordingly, we may opt for fee structure for UG & PG programs as initially recommended by the HODs committee for MBA program i.e. Rs.65,000/- per annum inclusive of security deposit of Rs.5000/-. The break up of fee may be as follows :

Tuition Fee	Rs.40,000
Development Fee	Rs. 8,000
Examination Fee	Rs. 3,000
Student Fee	Rs. 8,000
Enrolment Fee	Rs. 1,000 } one-time fee at the time of
Security Deposit (Refundable)	<u>Rs. 5,000</u> } admission
<b>TOTAL</b>	<b><u>Rs.65,000</u></b>

### **(b) Revision of fee for NRI/PIO/FN category student**

It was submitted for information of the Academic Council that the University had been charging US\$ 5000 from NRI/PIO/FN category students during the academic session 2010-11 and 2011-12, keeping in mind the tuition fee fixed by DASA as US\$ 4000. Now, the DASA has revised the tuition fee to be charged from NRIs/PIOs/FNs to US\$7000 for the academic session 2011-12. On the same pattern of DASA, we may also revise the tuition fee for the students seeking admissions under NRIs/PIOs/FNs category from the academic session 2012-13 as per details given below:

1. An amount of US\$ 7000 (US Dollars Seven Thousand) annually may be charged as tuition fee in all the four/two years of the Program.
2. Foreign Nationals, who are Nationals of SAARC countries seeking admission through the scheme, shall pay US\$ 5000 annually as tuition fee in all the four/two years of the Program, provided they have studied/are studying in SAARC countries only.
3. Candidates from Nepal and Bhutan shall also pay tuition fee of an amount of US\$ 5000 annually as tuition fee in all the four/two years of the Program with the option to pay their fees either in US Dollars or in Indian Rupees.
4. Hostel Accommodation and other Expenses: The University has charged hostel fee from NRIs/PIOs/FNs equivalent to the Indians students. Till such time an international hostel is constructed in the campus, we should continue with the present practice of charging Hostel Fee at par with the Indian Students.

It was also submitted that during the academic session no refund rules for such students were framed, therefore we may form the refund rules on the pattern of DASA, which are as under:

1. The Candidates, who withdraw their admission within seven days from the date of his /her admission or the last date of closing of admission, whichever is earlier, will be refunded 75% of tuition fee.
2. Candidates, who withdraw their admission after the closing of last date of the admissions, no refund will be made and whole amount of tuition fee shall stands forfeited.

**(c) Revision of fee for Ph. D Program**

It was submitted for the information of the Academic Council that the proposal regarding revision of fee structure of B.Tech, M.Tech and MBA programs from the academic session 2010-11 was approved by the Finance Committee in its 3<sup>rd</sup> meeting held on 12.6.2010 and the revised fee structure for them was implemented from the session 2010-11 with the approval of the Vice Chancellor. The Board of Management approved the same in its 4<sup>th</sup> meeting held on 28.12.2010.

Now from the academic session 2011-12, the University has started admitting students under Ph.D (Part Time) Program in addition to Full time Ph.D Scholars. Therefore, it has become necessary to revise the existing fee structure of Ph.D programs i.e. Rs.30,500/- (this includes Rs.5000/- refundable security) paid by the students at the time of admission only. **No fee is being paid by the Ph.D students for rest of 3 years duration in the University.** The University had been currently charging fee @ Rs.48,000/- from B.Tech, M.Tech and MBA students that includes Rs.5,000/- as one time Security Charges at the time of Admission. Virtually the students are paying Rs.43,000/- per annum for whole duration of course i.e. 4 years for B.Tech. and 2 years for M.Tech. & MBA programs.



This University had collected fee structure prevailing in the GGSIP University and NIT, Jalandhar and noted that fee structure adopted by NIT is more appropriate in comparison to GGSIP University keeping in view the existing fee charged from Ph.D. (Full Time) scholars. In the NIT, Jalandhar, fee structure for Ph.D program is Rs. 53,500/- per annum (this includes Rs.3,000/- refundable security deposited at the time of admission) during first year of the program and for the remaining years Rs.23,500/- per annum. For Ph.D. (Part Time), students have to pay Rs. 51,000/- per annum (this includes Rs.3000/- refundable security deposited at the time of admission) during the first year of the program and for remaining years Rs.22,000/- per annum. This fee structure is applicable in all the NITs.

In view of the above, it is proposed that the University may charge the following fee from the students pursuing Ph.D (Full Time) and Ph.D.(Part Time) in the University.

Ph.D.(Full Time)	For the first year	Rs.48,000/- (including Rs.5000/-Refundable Security)
	Subsequent years	Rs.25,000/- per annum
Ph.D.(Part Time)	For the first year	Rs.48,000/- (including Rs.5000/- Refundable Security)
	Subsequent years	Rs.22,000/- per annum

Waiver off of tuition fee shall be considered as per the Clause R.19 of the Ordinance (Fourth) relating to Ph.D Program.

The proposed revision of the fee shall be applicable to the students, admitted to the Ph.D programme from the session 2011-12 onwards.

It was further apprised that fee for NRIs/FN/PIOs has been fixed by the University maintaining parity with NITs which are charging the fee as prescribed by DASA. Since the fee had been revised by the DASA for the above category candidates, it has been proposed to go by the fee structure followed by DASA in toto. After deliberation, the Council took the following decision:

**Decision :** i. **The Academic Council approved the proposal to enhance the fee for all the B.Tech., B.Tech.(Evening), M.Tech. and MBA programs as proposed by the University.**

ii. **A committee under the chairmanship of Dean(Student Welfare) with members as Dr. M. P. Gupta, IIT, Delhi, Prof. N. K. Jain, Dean(CE), Prof. Daya Gupta, HOD, Computer Engg. was constituted to device a policy with regard to fee concession, financial assistance and concession in hostel fee to be given to students hailing from weak family and financial back ground. The Assistant Registrar (Academic) was named as Member Secretary to assist the Committee.**

iii. **It was decided that the fee for PhD program should continue to be the same as at present.**

**Agenda 4.9 : Admission Policy for the academic year 2012-13**

**(i) B. Tech program**

It was submitted to the Council that admission process for the academic session 2012-13 has to be finalized. It is proposed that the admission to all the B.Tech programs

be made on the basis of merit/rank of AIEEE 2012 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.

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 : 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.

- a. Except for nominees of Govt. of India, the admission is open to Indian Nationals only.
- b. Application Fee:  
It is proposed to fix application fee as Rs 1000/- for applying through on-line for admission to B. Tech program as per the year 2011-12.
- c. So far as eligibility criteria and procedure for admission is concerned, the proposed Admission Policy for admission for the academic year 2012-13 is placed in **Annexure**.

#### **Reservation**

**SC/ST/OBC** - 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.**

**Single Girl Child** - 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 only. The Candidates, having from NCT of Delhi shall be eligible for admission in this category.

**Kashmiri Migrants Seats (KM)** - One seat over and above their normal intake earmarked is reserved for Kashmiri Migrants candidate who have passed 10+2 from schools located in NCT of Delhi for admission to B.Tech. courses from the academic session 2011-2012.

**Defence Category** - 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. The admissions to the 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.

**Physically Handicapped (PH)** - 3% of the total seats will be reserved for PH candidates. The 3% reservation may be allocated as follows: 1 percent for persons with low vision or blindness, 1 percent for hearing impaired, 1 percent for those with locomotor disabilities and/or cerebral palsy.

(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. with intake 41 each and Civil Engg with intake 40 inclusive of seats increased due to implementation of 21% OBC reservation. The classes are held 6 days in a week in the evening from 6.00 p.m. to 9.00 p.m.

The following admission policy may be laid for the program:

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- 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 2011-12 with the following changes over the last academic year –

- 1. This year University will admit 10% more candidates over the prescribed intake of admission

2. The last date for closing of admissions shall be 31.7.2012.
3. The date for determining the prescribed age for admission shall be taken as 1.8.2012.
- c. 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.**
- d. One seat in each programme is reserved for employees of Delhi Technological University/Netaji subhash Institute of Technology/it is/Polytechnics under the direct control of Department of Technical Education, Government of NCT of Delhi. Such candidates shall also appear in the Entrance Examination and compete amongst themselves for a seat in each branch. Candidates applying for staff seat should route their application through the Registrar, DTU/ Directorate of Technical education, Government of NCT of Delhi in case of Polytechnics/IITs.
- e. 3% of the total seats in each programme are reserved for physically handicapped candidates. These 3% reservation may be allocated as follows: 1 % for persons with low vision or blindness, 1 % for hearing impaired, 1 % for those with locomotor disabilities and/or cerebral palsy. Candidates seeking admission in PH category shall have to appear before a medical board to be constituted by DTU.
- f. Application Fee:

It is proposed to fix application fee as Rs 1000/- for the entrance Examination to be conducted by DTU for admission to B. Tech Part-time (Evening) program.

**(iii) M. Tech and MBA program**

It is proposed that admission policy in respect of M. Tech and MBA program as followed in the academic session 2011-12 shall also be followed in the session 2012-13. The eligibility conditions for admission/ Selection Procedure and Application Fee shall remain the same as it was followed for the academic session 2011-12. 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 seat matrix showing number of seats category wise and sponsored seats, eligibility criteria, reservation and selection procedure proposed for admission for the year 2012-13 are placed in **Annexure**.

**(iv) Admission to NRIs, Foreign Nationals and Persons of Indian Origin under B. Tech., M. Tech and MBA programs for the session 2012-13**

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.

**1 NRIs.**

An individual is Non-Resident when he is "not a resident" or who is "not ordinarily resident". A person is treated as "Non-Resident" when any of the

following conditions is satisfied:

- a. If he/she has not been resident in India in nine out of ten preceding years; or
- b. If he/she has not been in India for a period of 730 days or more during the preceding seven years.

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 as per score in SAT-II Level II(scores with Physics and Mathematics) for B. Tech and GRE for M. Tech. courses.** 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.

## **2 Persons of Indian Origin**

"Persons of Indian Origin" (PIO) in this context means a person having foreign citizenship (except Pakistan and Bangladesh) without "NRI" status, but who holds a Foreign Passport at the time of sending application, consideration for admission and during the period of his study and he/she or anyone/ both of his/her parents or anyone/ both of his /her grandparents is (or was) / are (or were) citizen (s) of India by virtue of the provisions of the Constitution of India or Section 2 (b) of Citizenship Act, 1955 (Act No. 57 of 1955).

## **3 Foreign nationals**

"Foreign National" (FN) in this context means an individual having citizenship of a foreign country (citizens of all countries other than India) and not having the status of "NRI" and/or "Persons of Indian Origin" (PIO).

**The admission to Foreign Nationals will be covered under the quota of Ministry of External Affairs (Education Division), Govt. of India as under :-**

One seat each in Civil Engg., Mechanical Engg., Production Engg., Computer Engg., Electronics & Communication Engg. and Electrical Engg.

The admission to the above categories shall be on the basis of the following criteria:

### **Eligibility Criteria**

#### **a. 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 II Level II examination with Physics and Mathematics to be eligible for admission under the above category.

So far as eligibility criteria and procedure for admission is concerned, the proposed Admission Policy for admission for the academic year 2012-13 is placed in **Annexure**.

**b. 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.

So far as eligibility criteria and procedure for admission is concerned, the proposed Admission Policy for admission for the academic year 2012-13 is placed in **Annexure**.

The university would admit 10% more candidates in each discipline over the prescribed intake from the academic session 2012-13 in all the B. Tech, B. Tech (Evening), Programs so as to take care of the subsequent withdrawals, as per the decision of the Academic Council and approval of the same by the BOM. All the admissions shall be closed by 31<sup>st</sup> July i.e. before the commencement of new academic session from 1<sup>st</sup> August 2012 for B.Tech. program and 31<sup>st</sup> August 2012 for M.Tech. programs.

The Council deliberated the point relating to 10% extra admission in all the UG programmes and also on advancing the date of closing of admission process as 31<sup>st</sup> July, 2012 in detail proposed by the University. The Controller of Examination mentioned that even during erstwhile DCE the extra admissions under UG Programmes were made to cover up the drop outs arising due to withdrawal or cancellation of the admission by the candidates after the last date of closing of admission i.e. 31<sup>st</sup> August. This provision attracted court cases against the policy of making extra admission over the sanctioned in-take for the programme. There is also a decision of the apex court India that admissions should be restricted to the prescribed intake and no admission can be made in anticipation of the vacancy which does not exists at the time of making admissions. Therefore, proposal of the University to make 10% extra admission under UG programme against the ruling of the Supreme Court, further it is not interest in the University in as much as University has been competing with the Institution like NITs and NSITs. The Admissions in these Institutions continue upto 15<sup>th</sup> August, the Head of Computer Engineering also expressed her reservation over proposed 10% extra admission in the UG Programme, she was of the view, that in the courses like Computer Engg. Elec. & Comm. Engg., there will be very few cases of withdrawal in comparison to other courses and it will therefore result into 10% increase in intake of the programme that will be very difficult for the Department to manage such a large number of students in laboratories and a small size of the class rooms. The Members were therefore, of the view that University should go by the past practice in the matter.

The Vice Chancellor apprised the Members that decision to take 10% extra admissions abinitio in UG programmes and close the admission process by 31<sup>st</sup> July, was taken by the Board in its 5<sup>th</sup> Meeting in view, of the facts that students admitted on 31<sup>st</sup> August, suffer teaching for four weeks which make impact on their performance in the Mid-sem/End-sem examinations. However, considering the views, expressed by the Members of the Council, he would propose that University should go with the past

practice for next one year and keep the date of closing of admission as 31<sup>st</sup> August. The Academic Council after considering the above facts and deliberation on the issue took the following decision with regard to items bearing No.49 (i), 4.9(ii) and 4.9 (iv).

**Decision :**

**For B.Tech., B.Tech.(Evening) and B.Tech NRI/PIO/FN Category**

- i. The Council decided to continue with the past practise and close the admission by 31<sup>st</sup> of August. The Board of Management should be apprised of the decision and be requested to approve the same.
- ii. Rest of the contents of the proposed Admission Policy for the above programs for the year 2012-13 was approved.

**For M.Tech. and MBA Programs**

The Council approved the proposed Admission Policy for the year 2012-13

**Agenda 4.10 : Course Curriculum and Scheme of Examination in respect of B.Tech.(Mathematics & Computing) offered by the University**

It was submitted for information of the Academic Council that the University admitted students for a new B.Tech. program in Mathematics & Computing with intake 60 introduced from the year 2011-12 as per approval of the Board. The Council had approved the syllabi and scheme of examination upto fourth semester in the said meeting held on 21.12.2010.

The Department of Applied Mathematics has now proposed the modification in some of the contents of the Course Curriculum and scheme of examination in respect of the 3<sup>rd</sup> and 4<sup>th</sup> Semesters along with 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> Semesters.

Prof. Taneja explained the detailed proposal relating to the course curriculum and the scheme of examination. The members of the Council deliberated in detail with regard to course contents proposed to be taught under the program and considering the fact that Board of Studies of the Department has already discussed and approved and the syllabus has been further deliberated in the Standing Review Committee earlier, the Council took the following decision

**Decision :** The Academic Council approved the course curriculum and scheme of examination for all the 8 semesters as proposed by the Department of Applied Mathematics for the B.Tech. program in Mathematics and Computing.

**Agenda 4.11 : Creation of posts of faculty positions for new program B.Tech. in Mathematics & Computing started by DTU from academic session 2011-12**

It was submitted for information of the Academic Council that the council in its second meeting held on 21.12.2010 had approved the introduction of a new B.Tech. program in Mathematics & Computing with intake 60 from the academic session 2011-12. The decision of the Academic Council was approved by the Board of Management in its meeting held on 28.12.2010. In the meeting, the Board was apprised that the university has adequate faculty in the Department of Mathematics to take care of the teaching instructions and that five new classrooms are coming up with a total capacity of approximately 300. These would adequately meet the classroom requirements for the new courses.

Now, the Department of Applied Mathematics has submitted a proposal for creation of faculty positions for the new B.Tech. program in Mathematics & Computing, to cope up with the teaching requirement of the program for 2<sup>nd</sup> and subsequent years.

The assessment of the 24 posts of teachers for the B. Tech program made by the department on the basis of student teachers ratio 15 : 1 and Professor, Associate Professor and Assistant Professor cadre ratio of 1:2:6 as per AICTE norms is in order.

The 24 posts have been proposed to be created year-wise is as follows :-

Session	Positions	Mathematics	Computer
2012-13	Professor	1	0
	Associate Professor	2	0
	Assistant Professor	3	2
2013-14	Professor	1	0
	Associate Professor	2	1
	Assistant Professor	4	2
2014-15	Professor	0	0
	Associate Professor	1	1
	Assistant Professor	3	1
	TOTAL	17	7

It is proposed by the Department that out of these 24 posts, 7 posts have been earmarked for specialization in Computer Sciences and Engineering/IT which will take care of the instructions in computers, programming, IT, Applied Sciences and Mechanical Engineering, remaining 17 posts have been earmarked exclusively for Mathematics.

As per policy of the university 20% of the posts created for any new program is to be diverted to the departments sharing the teaching load for the new program. Thus, out of 24 posts proposed to be created, 5 posts shall be diverted to other academic departments sharing the teaching load for the new program.

Out of 7 posts, 2 posts of Assistant Professors has been proposed to be diverted to the academic department sharing the teaching load of the new program in the following manner –

Sr. No.	Name of the supporting department	Post to be diverted	No. of Posts
1.	Deptt. of Applied Physics	Assistant Professor	1
2.	Deptt. of Mechanical Engineering	Assistant Professor	1

Remaining 3 posts which are meant for diversion to other departments have been proposed to be filled in the department itself by the faculty of that particular discipline i.e. Computer Engineering and IT and no support from the department of Computer Engineering and IT will be taken by the Applied Mathematics Department for the



teaching load of Computer and IT in the above program. However, the Department of Computer Engineering and IT shall share the teaching load from the existing faculty of their department till the Department of Applied Mathematics recruits its own faculty in these disciplines i.e. Computer and IT.

The Department of Mathematics has desired that recruitment action for the posts proposed to be created newly for the B.Tech. in Mathematics & Computing be taken in a time bound manner.

The Vice Chancellor desired to know from the HOD the basis of calculating 24 posts for this program. Prof. Taneja apprised that intake of the student in the department has worked out as 90 including 27% OBC reservation which is likely to be implemented from the year 2012-13 considering teachers students ratio 15:1 and further division in different cadres i.e. Professors, Associate Professor and Assistant Professor in the ratio of 1:6. He further elaborate the number of posts to be diverted to other academic department sharing the teaching load of the program and requested that course is going to enter in third semester in the year 2012-13, therefore, he would need regular faculty to run the program. The University should therefore, start recruitment process along side creation of the post for the program.

**Decision :** The Academic Council approved the creation of all the 24 teaching positions for the new B. Tech. program in Mathematics and Computing with the stipulation that posts should be filled up year wise as suggested in the proposal.

#### **Agenda 4.12 : Organizing of First Convocation Ceremony of DTU**

It was submitted for information that first batch of 7 M.Tech programs and MBA Program introduced from the academic year 2009-10 after the reconstitution of erstwhile DCE into DTU, has completed the degree requirement of the University and results for them have also been declared. The students who have passed the courses of the DTU are to be awarded their degrees. Besides, the University has to distribute the degrees to the students passed out as students of Delhi University in BE/ME and B.Tech.(Evening) Programs.

The University, therefore, intends to organize its First **Convocation Ceremony** during the period from January 10 to 13, 2012 subject to convenience of the Chief Guest and other dignitaries.

**Decision :** The Academic Council approved the period of January 10-13, 2012 for organizing its First Convocation Ceremony.

**Supplementary Agenda 1 :** Introduction of two new M.Tech. (Evening) Programs by the Electrical Engineering Department from the Academic Session 2012-13 & approval of the Course Curriculum and Scheme of Examination.

It was submitted for information of the Council that the HOD, Department of Electrical Engineering has submitted a proposal to introduce two new M.Tech. (Evening) Programs, full time with intake 18 and part time with intake 5 in the following two disciplines –

- i. M.Tech. (Power Electronics Systems)
- ii. M.Tech. (Electrical Energy Systems)

Instructions to the full time students shall be arranged during the period 3.00 p.m. to 9.00 p.m. whereas instructions to part time students shall be imparted from 6.00 p.m. – 9.00 p.m. in the week days and Saturdays and Sunday. The Department has further reported that the Board of Studies of the department has also approved the Course curriculum and Scheme of Examination for the above two program in its meetings held on 13.12.2010 and 6.9.2011.

The admission to the above programs shall be made as per the procedure prescribed for regular M.Tech. Programs.

The department intends that the candidates admitted to the above program be paid scholarship similar to the day time students which is an area required to be deliberated, reason being AICTE is not always providing Grant-in-aid for payment of the scholarship to M.Tech. Students and the expenditure on scholarships is being met from the grant-in-aid received from the Govt. of Delhi. The University will be required to make an additional expenditure of Rs.26,26,000/- towards payment of scholarships at the rate of Rs.8,000/- per month and contingency at the rate of Rs.5000/- per annum for 26 M.Tech. Students in both the programs, in case the AICTE does not provide fund for scholarships for the above students as is being done by them for the last two years. The proposal submitted to AICTE has not received any response as yet.

So far as the infrastructure requirement i.e. faculty, staff, lab support, the Department of Electrical Engg. Will meet the same from the existing faculty, lab. Support and laboratories available with them. The regular teachers/guest faculty engaging the classes during the above hours beyond 5.30 p.m. shall be required to be paid remuneration on hourly basis as per actual hours of classes engaged by them at the rate approved for the Guest Faculty by the University.

The detailed syllabus, course structure and examination scheme for M.Tech. (Power Electronics Systems) and M.Tech. (Electrical Energy Systems) were tabled in the meeting.

The Vice Chancellor desired to know from the HOD whether what would be the format for running this program in the evening. Whether any other institution also conduct M.Tech. program in the evening. He is of the view that it needs detailed study before the Council could consider the proposal and desired that the HOD should further study on these points and take up the matter with the SRC.

**Decision : The Academic Council decided to defer the proposal for further examination by the Standing Review Committee.**

**Supplementary Agenda 2 : Approval of format of Consolidated Mark-sheet for M.Tech. and MBA programs**

It was submitted for information of the Council that one batch of M.Tech. and MBA students of DTU have completed their course requirement for award of degree in the year 2011. All the students are to be issued their consolidated mark sheet by the University, the format of the same is required to be duly approved by the Academic Council.

The Controller of Examination has proposed the format for issuance of the Consolidated Mark Sheet for M.Tech. and MBA Programs. The Vice Chancellor desired to know from the Controller of Examination whether he would like to mention it as semester mark-sheet or semester grade report, the second option was preferred by all the members.

**Decision :** The Academic Council approved the format with nomenclature - Consolidated Grade Report for M.Tech and MBA Programs.

**Supplementary Agenda 3 :** Feedback from the Students on Teachers and quality of teaching

It was submitted for information of the Academic Council that the National Accreditation Board has made it mandatory for the purpose of accreditation to get feedback from the students in respect of teachers to improve the quality of teaching in the Institute. The University intends to introduce the system of collecting feedback from the students in respect of teachers from the even semester starting in January, 2012.

**Decision :** The Academic Council approved the format pertaining to feedback from the students with the advice that a column relating to number of classes held and number of classes attended also be inserted in the form.

**Supplementary Agenda 4 :** Decision of the Hon'ble High Court in the matter of cancellation/withdrawal of admission from 4 months to 1 week

The Academic Council was informed that the Hon'ble High Court of Delhi has given a decision in LPA No.830/2011 filed by Nitul Dutt Vs. NSIT & Others that the Respondents should streamline the admission procedure henceforth and that from next academic session, the 4 months' time for cancelling/withdrawing of admission should be reduced to one week to avoid chances of dual admissions by the students.

It may be pertinent to mention that the University has not provided the time for withdrawal /cancellation of admissions after the last date of closing of admission that is 31.8.2011 (proposed to be pre-poned as 31.7.2012 for the year 2012-13). It appears that Hon'ble High Court has considered the period of Sept. To Dec ( 4 months) during which students are considered for up-gradation against the vacancies arising due to withdrawal /cancellation by the students over which the University does not have any control, as the period of withdrawal /cancellation. As the Hon'ble Court has desired to reduce the period of cancellation/withdrawal to one week only, the Council may ponder over it for the session 2012-13 as it will not only discourage the candidates to retain dual admission one in the University and other in some other institution but will provide opportunity to other aspiring candidates who are really serious to take admission in any program in the University.

The Academic Council may like to consider the direction of the Hon'ble High Court for permitting the candidates to withdraw/got cancel their admission within a period of one week from the date of admission. In case, the candidate fails to do so, they will

forfeit their whole fee other than amount of Refundable Security that will be paid back to them as per the University Refund Rule.

**Decision :** The Academic Council decided that the matter be placed at the next meeting of the Council with relevant details on the matter.

**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, 7<sup>th</sup> 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, 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. Asok Bhattacharyya, Professor, E&C, DTU
15. Prof. Asok De, Professor & Principal, The Ambedkar Institute Of Advanced Communication Technology & Research, Geeta Colony
16. Prof. G.L. Verma, (Chemistry & Polymer), DTU
17. Prof. R.K. Sinha, HOD (A. Physics), DTU
18. Prof. S.K. Garg, Head, DSM & HOD (T&P), DTU
19. Prof. A. K. Gupta, HOD (Civil), DTU
20. Prof. Narendra Kumar, HOD (EE), DTU
21. Prof. Rajeev Kapoor, HOD (E&C), DTU
22. Prof. O.P. Verma, HOD (IT), DTU
23. Prof. Daya Gupta, HOD (COE), DTU
24. Dr. Seema Singh, HOD (Humanities), DTU
25. Prof. Madhusudan Singh, Controller of Examination
26. Prof. Mukti Acharya, Professor, DTU
27. Sh. P.R. Chadha, , Associate Professor, DTU
28. Dr. Narendra Kumar, Associate Professor, DTU

Serial No.:..... (Ex: A/001 to \_\_\_\_ for Ist Semester)  
(Ex: B/001 to \_\_\_\_ for IInd Semester)

## Delhi Technological University

Semester : I / II / III / IV / V / VI / VII / VIII

### Course Appraisal Form for Lectures

\* The objective of this form is to obtain feedback from the students so that the course could be further improved.

\* Separate Form should be submitted for each course by each student.

Course No. & Title:

Name of faculty:

Date:

Entry Year :

Group:

Discipline:

Name (Optional):

Number of classes held:

Number of classes attended:

Please mark '✓' in the appropriate box

A.	Course Organization	Range	5	4	3	2	1	
A1.	Objective and plan of the course were specified	Very clearly						Very poorly
A2.	Coverage and depth of course plan	Excellent						Very poor
A3.	The topics provided new knowledge	Mostly						Hardly
A4.	Prescribed reading material was available	Mostly						Hardly
<b>B</b>	<b>Presentation and Interaction</b>	<b>Range</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>	
B1.	In terms of organization, clarity and presentation of fundamental concepts, the lectures were	Excellent						Poor
B2.	Teacher's oral presentation in terms of audibility and articulation was	Excellent						Poor
B3.	Teacher's blackboard/ LCD/ overhead, presentation in terms of organization and legibility was	Excellent						Poor
B4.	Encouragement given by the Teacher to think and reason logically and objectively was	Excellent						Poor
B5.	Teacher's response to the questions asked in the class was	Clear						Vague
B6.	The availability and approachability of the Teacher outside class hours were	Excellent						Poor
B7.	Teacher's attitude towards reaching of this course was	Enthusiastic						Indifferent
B8.	The overall quality of teaching in this course was	Outstanding						Poor
<b>C.</b>	<b>Mid Term Test / Assignment</b>	<b>Range</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>	
C1.	The tests reflected the course plan	Very closely						Poorly
C2.	Rather than rote learning, understanding was tested	Thoroughly						Hardly
C3.	Examination were of appropriate level/ length	Always						Rarely
C4.	Answer scripts were promptly checked and returned	Always						Rarely
C5.	The marking was fair and transparent	Mostly						Rarely
C6.	The evaluations helped in understanding the subject better	Always						Rarely

(5 – Excellent, 4 – Very Good, 3 – Good, 2 – Satisfactory, 1 – Poor)

Would you rate this course as one of the five best courses you have so far?

Yes/ No

*If you have any other comments in addition to above, please write on back side of this sheet:*

- \* Each student should carefully and truthfully fill up all the sections i.e. A, B and C.
- \* Mark '✓' to one of the rating only for each section such as A1, A2 etc.
- \* Drop the completed form in to the drop box at the Reception of the Academic Block from November 2 to December 2, 2011.

Thank you for your cooperation.

**Dean (Academic)**



1000001

# DELHI TECHNOLOGICAL UNIVERSITY

(Formerly Delhi College of Engineering)

## STATEMENT OF MARKS

Consolidated Grade Report

### Master of Technology in Power System (Department of Electrical Engineering)

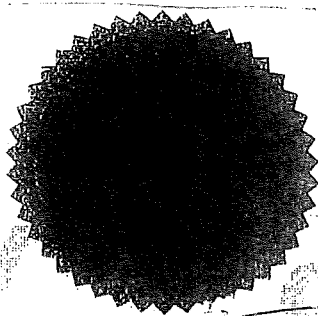
Name: ABHISHEK KUMAR SINGH

Roll no: 2K09/PSY/01

Subject Code	Subject Title	Max.Marks	Marks Obt.	Credits	Grade
Semester : I					
AM-501	APPLIED MATHEMATICS	150	104	3	B
EE-502	INTEGRATED ELECTRONICS & APPLIED INSTRU.	150	76	3	C+
EE-503	ADVANCED POWER SYSTEM ANALYSIS	150	65	3	C
EE-551	DYNAMICS OF SYNCHRONOUS MACHINE	150	113	3	B+
EE-552	OPTIMIZATION TECHNIQUES & SYSTEM THEORY	150	71	3	C
EE-504	APPLIED INSTRUMENTATION LAB	100	69	2	B
EE-553	POWER SYSTEM LAB	100	82	2	A
EE-554	SELF STUDY OPEN AREA SEMINAR -I	50	25	1	C+
Semester Credits :		20	SGPA :		6.55
Semester : II					
EE-601	MICRO CONTROLLER & EMBEDDED SYSTEM	150	108	3	B+
EE-6022	POWER QUALITY	150	83	3	C+
EE-6032	POWER SYSTEM OPERATION & CONTROL	150	122	3	A
EE-6512	ADVANCE HIGH VOLTAGE ENGINEERING	150	95	3	B
EE-6523	POWER SYSTEM PLANNING	150	117	3	B+
EE-604	MICRO-CONTROLLER LAB	100	79	2	B+
EE-653	ADVANCED POWER SYSTEM LAB	100	76	2	B+
EE-654	MINOR PROJECT -I	50	43	1	A
Semester Credits :		20	SGPA :		7.75
Semester : III					
EE-7011	FLEXIBLE AC TRANSMISSION SYSTEMS	150	93	3	B
EE-7021	ARTIFICIAL INTELLIGENCE TECHNIQUES IN PS	150	87	3	C+
EE-703	SELF STUDY OPEN AREA SEMINAR - II	100	75	2	B+
EE-704	MINOR PROJECT- II	300	252	6	A
EE-705	MAJOR PROJECT - I	300	215	6	B+
Semester Credits :		20	SGPA :		7.85
Semester : IV					
EE-801	MAJOR PROJECT-II	1000	750	20	B+
Semester Credits :		20	SGPA :		8.00
Total Credits :		80	CGPA :		7.54
					Result : Passed

CANCELLED

Dated : 27/09/2011



CONTROLLER OF EXAMINATIONS

