

DR (A/S)

Web: www.dce.edu



Tel. : 91-11-2787 1018  
Fax : 91-11-2787 1023  
E-mail : vc.dtu@dce.edu

## DELHI TECHNOLOGICAL UNIVERSITY

(formerly DELHI COLLEGE OF ENGINEERING)  
GOVT. OF NCT OF DELHI

Shahbad Daulatpur, Bawana Road, Delhi

F.No.8/DTU/OSD/FC/09/115

Date : 12.6.10

### MINUTES OF THE THIRD MEETING OF FINANCE COMMITTEE HELD ON 12.6.10

The 3<sup>rd</sup> meeting of Finance Committee was held on 12.6.10 at 10:30 a.m. in the Senate Hall, Administrative Block, DTU.

The following were present:

- |                           |                           |
|---------------------------|---------------------------|
| 1. Prof. P.B. Sharma,     | Chairman                  |
| 2. Sh. J.P. Singh, IAS    | Member                    |
| 3. Sh. Anand Prakash, IAS | Member                    |
| 4. Prof. R.S. Nigam       | Member                    |
| 5. Prof. Pratima Bose     | Member                    |
| 6. Sh. O.P. Shukla        | Member as Registrar (I/C) |
| 7. Dr. K. Singh           | Special Invitee           |
| 8. Sh. A.K. Sharma        | Convenor                  |

Sh. U.K. Worah, Registrar, DTU could not attend the meeting, being out of Delhi.

#### Item No.1 Chairman's opening remarks

At the outset, Prof. P.B Sharma, Vice Chancellor and Chairman of the Finance Committee informed the members that normalcy has returned in the campus and end semester exam of all the BE/B. Tech programmes are over. Now university is prepared for making admission for the next academic session 2010-11. The sale of information brochure has also begun. On the query of Principal Secretary (Finance), the chairman informed that the university has been allocated Rs 40 crores by the Govt. of NCT of Delhi for the financial year 2010-11, against the proposed budget of Grant-in-Aid submitted to the Government of Rs 88 crores. It was also informed that first instalment of GIA amounting to Rs 10 crores has been received. Further Pr. Secretary, TTE

suggested that the new class rooms approved in earlier Finance Committee meeting, be constructed on priority. It was informed that the four class rooms where construction activities are already started, be completed by 30<sup>th</sup> July and other 12 class rooms to be completed by 30<sup>th</sup> Sept, 2010, as this issue was taken up with PWD in the Building & Works Committee of DTU in its meeting held on 09.06.2010

**Item No.2 Confirmation of the minutes of the second meeting of the Finance Committee held on 06-02-2010.**

The minutes of 2<sup>nd</sup> meeting of Finance Committee was circulated to the Hon'ble members of the Finance committee vide Minutes dated 9.2.10, (Annexure 01 (page no 29-54). No comments were received from any of the members.

**Decision :** The Finance Committee confirmed the Minutes of the 2<sup>nd</sup> meeting of Finance Committee,

**Item No. 3 Action Taken Report on the decisions of the agendas of 1<sup>st</sup> meeting accepted by the Finance Committee in the second meeting held on 06.02.2010 except action taken on some agendas as below.**

Sl. No	Agenda	Decision Taken	Action Taken
1	(i) Transfer of balances from principal, DCE-PLA Account to the University Account in the name of "Registrar DTU-Receipts Accounts".	The Finance Committee approved the proposal.	The matter has been taken up with PAO XI for remitting the balances to DTU. Action by PAO is awaited.
2	Grant of replacement scale of Chief Store keeper and Deputy Admn. Officer as recommended by the 5th pay commission in Pt. B of the report to the Govt. employee. w.e.f 01.01.1996	The Finance Committee approved for grant of revised pay scale to chief store keeper and Dy. Admn. Officer as proposed w.e.f 1.01.2006.	The item is being placed before the 3 <sup>rd</sup> FC meeting for re-consideration to grant notionally w.e.f 01.01.1996 with benefit of arrears from 01.01.2006 ( <b>Agenda No 15</b> )
3	Adoption of Central Govt. New Pension Scheme, 2004 implemented from 1.1.2004 for the	The finance deferred the proposal and constituted the committee	The Committee constituted by FC met on 18-12.2009 and recommended for regulation of NPS through the existing Administrative Deptt. DTTE and



	employee who joined w.e.f 1.1.2004 in erstwhile DCE and working in DTU.	comprising of the following to examine the matter: i. Prof. R.S. Nigam, Chairman. ii.. Sh. O.P. Shukla Registrar (I/C) iii. Sh. S.N. Shukla, Controller of Accounts, Govt. of Delhi iv. Shri. A.K. Sharma, Sr. Accounts Officer, DTU.	PAO of Administrative. The recommendations of the Committee have been sent to the FD through Secretary, TTE for approval and action thereof. FD concurred the proposal and Principal Secy. TTE issued the guidelines vide letter no F.1 (Accounts)/DTU/Pt. File/380 dated 19.03.2010 copy enclosed <b>(Annexure at 02 page no 55)</b> for regulation of GPF and Pensionary dues of existing and retired erstwhile DCE employees through DTTE as Administrative Deptt for these Govt. employees.
4	Setting up of Provident Fund and Pension Fund in r/o University employees who entered in Govt. service prior to 01.01.2004 and are governed by GPF Rules, UTCGEIS, and CCS(Pension) Rules 1972 and transfer of Pro-rata Pensionary benefits and General Provident fund Balance by Delhi Govt. to DTU.	The finance deferred the proposal and constituted the committee comprising of the following to examine the matter: i. Prof. R.S. Nigam, Chairman. ii.. Sh. O.P. Shukla Registrar (I/C) iii. Sh. S.N. Shukla, Controller of Accounts, Govt. of Delhi iv. Shri. A.K. Sharma, Sr. Accounts Officer, DTU.	The Committee met on 18.12.2009 The matter has been taken up with the Finance Department through Secretary (TTE) as per the recommendation of the Committee. FD concurred the proposal and Principal Secy TTE issued the guidelines vide letter no F.1 Accounts)/DTU/Pt. File/380 dated 19.03.2010 copy enclosed <b>(Annexure at 03 page no 56)</b> for regulation of GPF and Pensionary dues of existing and retired erstwhile DCE employees through DTTE as Administrative Deptt for these Govt. employees.

## II. Action Taken Report on the decisions on the agendas of 2<sup>nd</sup> Finance Committee meeting.

S.No	Agenda	Decision Taken	Action Taken
1	The Budget proposal of DTU for the financial year 2010-11	Decision: The Finance Committee approved the budget document as placed in the Annexure V of agenda note with slight change as mentioned below. Income to be shown as per tentative increase of fees from the academic session 2010-11 at par with GGSIP University.  The other income from consultancy and other resources	The budget proposal with some change as approved by FC totalling to Rs. 88.09 crores was forwarded to Planning and Finance Departments. FD Govt. of NCT of Delhi has allotted the GIA to DTU for Rs. 40 crores <b>(Annexure 04 page no 57)</b>

also to be figured.

The sources of exploring new revenue generations also to be mentioned in the budget document like funding from alumni by attracting and conducting alumni meet at DTU.

Under head machinery and equipment, the University may postpone creation of any new center of advance study and Research, due to maximum budget flow to common wealth game scheduled in October 2010 and so Rs. 35 lacs to be deducted from the proposed budget allocation under this head.

- |    |  |  |  |
|----|--|--|--|
| 2  | Remuneration to the Staff engaged in conducting the practical/theory exam for B.Tech, M. Tech, MBA   | The Finance Committee approved the proposal. as mentioned in the <b>annexure VI of agenda note.</b>                              | The norms of remuneration as approved by the Finance Committee have been adopted |
| 3  | Honorarium to the members of The Court, Statutory Boards, assessment Committee Members, Expert Committee Members, Sub Committee Members            | The Finance Committee approved the proposal maximum to Rs. 800/- or the <u>actual whichever is less.</u>                         | The norms as approved by the Finance Committee have been adopted                 |
| 4  | Modernisation and up gradation of the Digital Library in the main Library-cum-Knowledge Hub of the University. (Estimated Expenditure 1.12 crores) | The Finance Committee approved the proposal  | The matter is being submitted to BOM for approval in the next meeting.           |
| 5. | Construction of 16 class rooms on the existing academic blocks. (Estimated Expenditure 2 crores)   | The Finance Committee approved the proposal as per estimate as placed in annexure VII of agenda note                             | The matter is being submitted to BOM for approval in the next meeting.           |
| 6  | Setting up Engineering Division of DTU and creation of various staff positions.  | The Finance Committee approved the proposal with slight changes in the proposed Engg. Cell chart as placed in the annexure VIII. | The matter is being submitted to BOM for approval in the next meeting.           |



7	To provide a system of E-Governance at DTU.	Finance Committee approved the proposal with addition of the condition of performance guarantee of Rs. 5 lacs and penalty of Rs. 1 lac per month if MGRM fails to deliver the OMV cards as per the implementation plan submitted to DTU.	The contract has been awarded to M/S MGRM NET Ltd. And the work is in progress.								
8	Deployment of additional security guards within the campus of DTU	The Finance Committee approved the proposal	The norms as approved by the Finance Committee have been adopted.								
9	Creation of post of EDP Manager, System Analyst and Assistant System Analyst in the Computer Centre	The Finance Committee approved the creation of following posts.	The matter is being submitted to BOM in the next meeting for approval.								
		<table border="1"> <tr> <td data-bbox="563 678 611 757">1.</td> <td data-bbox="611 678 722 757">EDP Manager</td> <td data-bbox="722 678 770 757">01</td> <td data-bbox="770 678 903 757">Rs.12000-16500 (PR)</td> </tr> <tr> <td data-bbox="563 757 611 846">2.</td> <td data-bbox="611 757 722 846">System Analyst</td> <td data-bbox="722 757 770 846">01</td> <td data-bbox="770 757 903 846">Rs.10,000-15200 (PR)</td> </tr> </table>	1.	EDP Manager	01	Rs.12000-16500 (PR)	2.	System Analyst	01	Rs.10,000-15200 (PR)	
1.	EDP Manager	01	Rs.12000-16500 (PR)								
2.	System Analyst	01	Rs.10,000-15200 (PR)								
10	Creation of one post of Assistant Programmer and one post of Lab. Attendant for Computational Laboratory in the Deptt. Of Applied Mathematics	The Finance Committee approved the proposal	The matter is being submitted to BOM in the next meeting for approval.								
11	Notional revision of AICTE pay-scale in r/o pre-1996 Pensioners (Teaching Staff) and revision of pension / family pension	The Finance Committee agreed to suggestion of Principal Secretary Finance to send the above proposal to Finance Deptt. to re-look into the matter.	The matter has been taken up with FD vide file no Pension/pre/96/accounts/DCE/2004 Dt. 07.05.2010 at (annexure 05page no-58-59).								
12	Release of second and final installment of Grant-In-Aid to DTU for the financial year 2009-10	The Finance Committee approved the proposal	The Finance Deptt. was requested as approved by FC. FD allotted the revised GIA to DTU for Rs. 10,18,83,000/- against initial GIA of Rs. 7 Crores and the balance released Rs. 3,18,83,000/- as second and final installment. Copy attached (Annexure 06 page no 60)								

**Decision : The Finance Committee accepted the Action taken Report.**



**Item No.4 Matters for information and ratification..**

The annual accounts of DTU for the financial year 2009-10 has been audited by Mr. Ajay Kumar Gupta, Chartered Accountant of M/s MAM & Associates. The final audited report is placed at (Annexure 07 page no 61-84).

The expenditure has been incurred by presenting the bills with PAO upto 31.012.2009 against the budget allotted by the Finance Deptt and thereafter from 01.01.2010 to 31.03.2010 the expenditure has been incurred from GIA allotted and released to DTU by the Finance Deptt.

The details of source of budget/receipts and expenditure is as below.

S.No	Source Budget/Receipts	of Total Budget/Receipts	Total Expen.
1.	Modified Budget allotment to DCE by finance Deptt. (Plan+Non Plan) from. 01.04.2009 to 31.12.2009	26,76,17,000	26,75,75,000
2	GIA to DTU (Plan+Non Plan) From 01.01.2010 to 31.03.2010	10,18,83,000	10,18,83,000
3	Receipts of DTU used for expenditure	3,43,56,993	3,43,56,993
<b>Total:-</b>		<b>40,38,56,993</b>	<b>40,38,14,993</b>

The total GIA released to DTU for the period from 01.01.2010 to 31.03.2010 by the Finance Deptt. for Rs. 10.18 crores has been fully utilized. The utilization certificate has been placed (Annexure 08 page no 85-97).

A contract for providing security services has been awarded to M/s Sangam Security Services at total annual cost of Rs.72,70,368/- after observing all the codal formalities for Two years from 01.02.2010 to 31.01.2012.

Against purchase order no F.211/8-7/7-8/P/73 dated 10.10.2008, M/s Forevision Instruments (India) Pvt. Ltd. Hyderabad supplied: Scanning Electron Microscope (SEM) in Applied Physics Department for creating "Central Facilities in DTU and a payment of Rs. 84,00,000/- (Rupees Eighty Four lacs only) has been made to the firm against Bill;/Invoice No.033H/9-10 dated 14.12.2009 (Sanction dated 17.02.2010).

Against purchase order no F. 211/1-85/8-9/P/83 dated 03.09.2009, M/s Lakshya Enterprises, New Delhi supplied: "Spraytec Analyzer" in Bio-Diesel lab, Mech. Engg. Deptt. DTU and a payment of Rs. 82,37,250/- (Rupee Eighty two lacs thirty seven thousand two hundred and fifty only) has been made of the firm against bill/Invoice No. 110 dated 26.03.2010 (Sanction dated 30.04.2010).

**Decision : The Finance Committee ratified the decisions.**

**Item No.5 Payment of Honorarium for working on Saturday/Holiday and conveyance allowance/OTA for late sitting,**

The committee was apprised that at present the norms regarding revised payment of honorarium for working on Saturday/Holiday and conveyance allowance/OTA for late sitting to the Non-teaching staff of University of Delhi applicable with effect from 25.03.2010 prevailed in Delhi University as per order dated 19.04.2010 (copy enclosed at Annexure 09 page no 98-100). It is proposed that these rates also required to be approved for making payment to the non-teaching, regular/contractual staff of this University for late sitting, during working days, Saturday/Sunday and holidays as and when their services are required with the order of competent authority. The rates for different category are as follows:

**Overtime/Conveyance Allowance for late sitting on working days.**

Category	Working Hours	Rate of conveyance /overtime allowance
Group A officer	Leaving after 7.00 pm. Leaving after 8.30 pm.	Rs.100.00 Rs. 150.00
Group B & C employee	Leaving after 7.00 pm. Leaving after 8.30 pm.	Rs.60.00 Rs. 100.00
Group D now called C employee	Leaving after 7.00 pm. Leaving after 8.30 pm.	Rs.50.00 Rs. 75.00

**Honorarium for Duty on Saturday/Sundays and on Holidays.**

Officer with Grade Pay of Rs. 5400/- and Above	Rs. 320 (for 8 hours)	As per ratio (of 8 hours) however, minimum working hours should be five hours	Rs. 200.00 (for 5 hours)
Officer with Grade Pay of Rs. 4600/ and above but below Rs. 5400/-	Rs. 280 (for 8 hours)	As per ratio (of 8 hours) however, minimum working hours should be five hours	Rs. 175.00 (for 5 hours)
Officer with Grade Pay of Rs. 1800/- and above but below Rs. 4600/-	Rs. 240 (for 8 hours)	As per ratio (of 8 hours) however, minimum working hours should be five hours.	Rs. 150.00 (for 5 hours)

**Decision :** The Finance Committee approved the proposal for non-teaching officers /staff subject to monthly ceiling limit as under:

- (a) Group A officers are allowed the rates in agenda as conveyance allowance only for late sitting on working days and honorarium as in agenda for duty on Sat/Sun/Holiday. = **Ceiling limit Rs 3000 p.m.**

- (b) Group B & C employees = Rs 3000 p.m.  
(c) Group D officials = Rs 2000 p.m.

**Item No.6 Revision of fee structure of B.Tech, M.Tech, PH.D and MBA programs.**

The committee was apprised that the proposal regarding revision of fee structure of B.Tech, M.Tech, PH.D and MBA programs was discussed in the meeting of all Heads of Departments held on 12.02.2010 and after detailed discussion on recently revised fee structure of GGSIPU, the committee recommended to enhance the existing fee structure of DTU from the academic session 2010-11 which is proposed for approval as below:

**PROPOSED ANNUAL FEE STRUCTURE IN DTU FOR 2010-11**

Sl. No	Item of Fee	B.Tech.	M.Tech (Rs.)	MBA (Rs.)
1.	Tuition fee	24,000/-	30,000/-	38,000/-
2.	University Fee			
(i)	Enrolment Fee payable only at the time of admission	1,000/-	1,000/-	1,000/-
(ii)	Development Fee	5,000/-	5,000/-	5,000/-
(iii)	Examination Fee	5,000/-	3,000/-	3,000/-
3.	Student Fee (per annum) (Co-curricular activities, Annual Gathering, Students Welfare, Institutional Development, Misc. Expenditure on Unspecified)	8,000/-	8,000/-	8,000/-
4.	Security Deposit (refundable) Payable only at the time of Admission)	10,000/-	10,000/-	10,000/-
	<b>Grant Total (Fee payable at the time of admission) in Demand Draft</b>	<b>53,000/-</b>	<b>57,000/-</b>	<b>65,000/-</b>

NOTE: The Fee Structure for Ph.D Program needs more discussion and so the decision is kept in abeyance to discuss in the next meeting.

Copy of minutes of meeting is placed at (Annexure 10 page no 101-103).





Decision : The Finance Committee approved the fee structure on the line of GGSIP university (IGIT and university schools), however, the security deposit amount was reduced to Rs 5000/- from proposed Rs 10,000/-. Thus, the total annual fee payable for B. Tech & M. Tech program will be Rs 48,000/-. Similarly, fee for MBA program also to be kept at par with the fee of MBA program run by GGSIP university school of management.

The revised fee will be applicable only to the students who will be admitted in first year of the B. Tech/M. Tech/MBA programme from the academic session 2010-11.

Further the following expert committee was constituted to have a comprehensive view on the growth pattern of the University, rationalise the fee structuring in line with the IITs and other Govt. aided reputed institutions and suggests avenues for revenue generation with view to attain self sufficiency in financial management in the forcible future.

1. Prof. Ashok Chandra (Former Spl Secretary, MHRD)
2. Prof. R.S. Nigam, Member, Board of Management, DTU
3. Prof. B.D Pathak, Dean (CE), DTU
4. The committee may co-opt any Chartered Accountant as member

Item No.7.1 Expenditure Sanction of Rs. 58,90,000/- for procurement of equipments " PARTICLE SIZE ANALYZER" for Applied Chemistry Deptt Processed in file no 211/02-03/09-10/P of Store office.

The committee was informed that instant proposal is for purchase of One no "Particle Size Analyzer "for Applied Chemistry Department of the University; the estimated cost of which, as indicated in the Requisition Form at page C/8, is Rs. 58 lac. The equipment is stated to be utilized for UG, PG and research scholars. After accord of administrative approval by the competent authority on the requisition form itself, the tender document was uploaded on 'e-tendering' portal of Govt. of NCT of Delhi against tender I.D No 13477 dated 01/09/2009; with technical and financial bid scheduled to be opened on 21.10.2009 and 16.11.2009 respectively –refer page C/19-20.

Only two firms namely M/s. Balaji Enterprises, Delhi and M/s. Lakshya Enterprises, Delhi, responded by submitting their bids electronically and also submitted the original EMDs of Rs. 1.25 lac each in the University prior to the scheduled date & time of opening of technical bids. The bid papers of both the firms, as downloaded, are placed opposite page no C/21 to C/43.

The Departmental Purchase Committee (DPC), App. Chemistry, in its observation at para 14 to 16 on page 3/N declared that the specification offered by M/s Lakshya Enterprises met the required/prescribed specification and that the other firm was rejected as it failed to match the specifications. Accordingly, in compliance of the recommendations of the DPC, the price bid of the former only was generated from the 'e-portal' and the same is placed opposite page C/44-45; accordingly to which the firm has quoted Rs. 58,90,000/- plus Taxes and duties, as applicable, and installation charges Rs. 80,000/-



The DPC, App. Chemistry, after examining the price bid, recommended purchase on the quoted rates; certifying it as 'reasonable' at page N/4. Subsequently, the proposal has also been examined/evaluated by the Central Purchase Committee, DTU at page N/4 in file and recommended purchase from the firm named above.

As the expenditure involved is above the competency limit vested in Hon'ble Vice-Chancellor, DTU, it is proposed that the instant purchase proposal may be placed before the Finance Committee of the University for perusal/consideration and, if agreed with the recommendation of the DPC and the CPC, to accord expenditure sanction of Rs. 58,90,000 (Rupee Fifty eight lac ninety thousand) plus Taxes and duties, as applicable, and installation charges of Rs. 80,000/- (Rs. Eighty Thousand) only in f/o M/s Lakshya Enterprises, Delhi for purchase of One no. "Particle Size Analyzer" for Applied Chemistry Department of the University. The expenditure will be debatable under major head "2203" B1 (5)(7) Grant in Aid to DTU, sub Head: Machinery & Equipment.

Finance Committee may approve the proposal for expenditure sanction as above as per DFP regulations (Sr. No 1) delegated by BOM.

**Decision :** (i) After detailed deliberation the Finance Committee approved the expenditure as in agenda and (ii) decided to follow the following guidelines for future purchases.

1. To examine the justification of the requirement and decide the specification, a Technical Advisory Committee comprising of minimum two special subject experts from IIT/JMI/NSIT/DU to be constituted for procurement of the equipment costing above Rs 50 lacs to be purchased by the Academic Departments.
2. NIT for purchasing of equipments & machinery for the laboratories and workshops should have the provision of CMC for initial 3 years and AMC for further 3 years after guarantee/warranty period. Further on installation and commissioning of the machinery and equipments, the supplier company should provide training to the person identified by the user departments for effective operation and usage of the equipment and machines.
3. The University should decide its priorities in consultation with the Heads of the Departments in respect of purchases above Rs 50 lacs restricting the expenditure to the allotted budget of the financial year.

**Item No.7.2 Administrative Approval for procurement of equipments "EBM" (Electron Beam Lithography) in central instrumentation facility for Applied Physics Deptt. (Est. cost Rs. 70 lacs.)**

The committee was apprised that as active research work in the area of Nano material science Nano Photonics and Nano composites being carried out applied physics and applied chemistry Department of DTU and recently active and intensive research work has been started in UVLSI & High speed Optoelectronics Devices there is strong need to have an EBM.

Above all we also have started M.Tech In Nano-Science & Technology and VLSI Design where students are expected to undergo experiments, tutorials and project work related to Nano Science & VLSI Design for application based technology Electron Beam Lithography is one of the equipments to study and carryout R & d work in the area of Nano Science & Technology. Therefore it is requested to procure EBM with the following Specifications.

Electron beam Lithography package, add on for HITACHI S-3700N SEM.

Pattern generation system with upto 10 MHZ writing speed

Writing dwell time linearity adjustable with sub ns resolution

Intelligent shapes (spiral filled rectangles, lines, polynomials, circles, rings.)

16 Bit single deflection writing field resolution.

Flexible design, easy upgrade of pattern generator firmware via USB boot procedure.

Window Vista ECP design, easy multiuser administration

ECP design- software licensed to be freely used within the workgroup.

Picoamperemeter – 2nA (10 fA resolution)  
20nA(100fA resolution)  
200nA(1pA resolution)

Beam Blanker

Accessories :-

EBL starter kit comprising of Diamond cutter, tweezer, and sample coated with PMMA resist and all relevant tools.

Lithography sample holder for wafer pieces with tin ball sample foe alignment and focus, sample holding spring and Faraday cup for beam current measurement.

Calibration sample for field alignment.

Estimated cost: Rs. 70 Lacs INR.

.The budget provision to meet these expenses was made in the budget document 2010-11 totalling to Rs. 88.09 Crores furnished to Finance Deptt. but the FD allotted GIA to DTU only Rs. 40 Crores for the year 2010-11. However we may keep the provision again while sending the RE 2010-11 to FD.

In view of urgent requirement, FC is requested to accord the A/A as per DFP regulations (Sr. No 1) delegated by BOM for procurement of above Store by calling the open tenders through Newspaper advertisement and E-tendering portal as per GFR provisions and other guidelines on the subject.

**Decision :** In view of the decision in item 7.1 the proposal be processed accordingly



**Item No.7.3 Administrative Approval for procurement of "AFM" (Atomic Force Microscope) in Central Instrumentation Facility. (Est. Cost 80 lacs)**

The Committee was apprised that as active research work in the area of Nano material science Nano Photonics and Nano composites being carried out applied physics and applied chemistry Department of DTU and recently active and intensive research work has been started in **Bio-Technology Department** there is strong need to have an AFM.

Above all we also have started M.Tech In Nano-Science & Technology where students are expected to undergo experiments, tutorials & and project work related to Nano Science for application based technology AFM is one of the equipments to study and carry out R & d work in the area of Nano Science & Technology. Therefore it is requested to procure AFM with the following Specifications.

Sample Size: 100mm x 100mm and thickness of 20mm

Stage Movement: Motorized XY: 25mm x 25mm and z movement up to 27mm.

Scanners: XY scanner about 100um x 100um and 10um or above in z direction. To be used both in closed and open loop. Another scanner of 10um or less in XY and >10um in Z.

Modes to be offered with the basic AFM: Contact, Non-contact, Dynamic/Intermittent/AC/Tapping Mode, LFM. Phase Imaging, STM (with noise level: <10pA peak to-peak), FMM, Conductive AFM (Current noise: <10pA, Max. Current limit: 100uA), Fluid imaging. F-D Spectroscopy, Nano-Indentation up to 1nm Force, nanolithography/Nano-manipulation)

Optional Modes and upgrades:

-Temperature stage from Room temperature to 250degC or higher

-A fluid Cell for liquid flow/insert gas applications with a provision for heating upto 60degC in liquids and up to 180 deg C in air.

MFM with External Magnetic Field option

-Scanning Capacitance Microscopy with the required external amplifier

-Ultra Low current STM or Conductive AFM

Tip-Sample viewing system: Integrated optical microscope with CCD- 1um resolution and 800x magnification.

Electronics and controller:

Processing Unit: DSP 600MHz and 4800 MIPS

16 Channel ADC of 16-bit at 500KHz sampling

16 channel DAC with 16-bit at 500 KHz setting

Suitable PC with dual 19" monitors with the latest available features and specifications.

The basic system should be offered along with Acoustic and Vibration Isolation system and required probes for each mode that serves the purpose for minimum 3 years.

Also to supply 3KVA UPS for 30 minute backup and a HP laser color printer for photo quality prints.

The budget provision to meet these expenses was made in the budget document 2010-11 totalling to Rs. 88.09 Crores furnished to Finance Deptt. but the FD allotted GIA to DTU only Rs. 40 Crores for the year 2010-11. However we may keep the provision again while sending the RE 2010-11 to FD.

In view of urgent requirement, FC is requested to accord the A/A as per DFP regulations (Sr. No 1) delegated by BOM for procurement of Store by calling the open tenders through Newspaper advertisement and E-tendering portal as per GFR provisions and other guidelines on the subject.

**Decision :** In view of the decision in item 7.1 the proposal be processed accordingly.



**Item No.7.4 Administrative Approval for procurement of “Digital Design ASIC and FPGA-SBG” for Advance VLSI and Embedded Design Centre, VLSI CAT Lab for Electronics & Communication Deptt. (Est. cost 60 Lacs)**

The Committee was apprised that the Head, department of Electronics and Communication has submitted the requisition for purchase of tools for advanced VLSI & Embedded Design Centre, VLSI CAT Lab of the department as under:

1. Digital Design ASIC:

(i.) Front End University Bundle - 5 Bundle

(ii.) Back End University Bundle - 5 Bundle

FPGA- SBG University Bundle - 5 Bundle.

**Justification of requirement to Procure EDA tools for Semiconductor Design:**

VLSI technology revolves around designing solid state electronic devices. The rapid advance in VLSI technology has led to a phenomenal growth in electronics industry over the last few decades. The use of integrated circuits has been growing at a very fast pace in telecommunication, consumer electronics and high performance computing. This has created significant challenges in many areas including the development of technology, computer aided design tools, chip design, fabrication, packaging, testing and reliability qualification. The efficient organization of these efforts under a well structured system design methodology is essential for the development of economically viable product in a timely manner.

To meet the growing business opportunities in the field of microelectronics, there is a great demand of well trained VLSI and Embedded system design engineers. In view of these opportunities, Delhi Technological University has introduced PG course in VLSI and Embedded System design. DTU has focused into the arena by already setting up Advanced VLSI and Embedded system Center and had gone ahead with first level of procurement in the form of Analog Design EDA tool from Cadence. Another crucial technology which is essential for today's chip development and System Modelling is in Digital Design EDA tools. This requisition is to fill this gap and get the lab ready for ASIC, SOC design course for M. Tech program. It will also be utilized by the undergraduate students for their projects. Further this can be utilized for strengthening the industrial relationship with industries like ST Microelectronics and Mentor graphics by using these tools for various projects in VLSI and embedded system offered by them.

**This procurement is required to enable the following**

- Provide necessary technologies for VLSI lab

- Encourage Industry participation via projects enabled through ready lab infrastructure. EDA tools are basic to IC development.
- Seminars/workshops /training programs may be organized for the faculty /students of in and around institutions.

-With the enhanced laboratory facilities we hope to make competent manpower for industrial growth.

#### **Budget Provision**

The budget provision to meet these expenses was made in the budget document 2010-11 totalling to Rs. 88.09 Crores furnished to Finance Deptt. but the FD allotted GIA to DTU only Rs. 40 Crores for the year 2010-11.

In view of justification of requirement, FC is requested to accord the A/A for procurement of tools by calling the open tenders through Newspaper advertisement and E-tendering portal as per GFR provisions and other guidelines on the subject.

If approved, we may keep the provision again while sending the Revised Estimates of GIA to DTU for the financial year 2010-11 to Finance Deptt. Govt. Of NCT Delhi.

**Decision :** In view of the decision in item 7.1 the proposal be processed accordingly.

#### **Item No.7.5 Administrative Approval for procurement of equipments “Surf Plasmon Resonance Analyzer” for Biotech Department. (Est. Cost 80 Lacs)**

The committee was apprised that the instant proposal is for purchase of One No. “Surface Plasmon Resonance Analyzer” for Biotech Department of the University; the estimated cost of which, as indicated in the Requisition Form at page 8/C, is Rs. 80 Lac. The equipment is stated to be utilized for UG, PG and research scholars.

The justification for purchase is as below:

The SPR Analysis technique is immensely useful for the UG/PG students, research students and faculty members of Biotechnology department as it helps to analyse Bi-molecular interaction in real time, and widely used for general experimentation for DNA/RNA and protein chip research and capable of measuring multiple samples simultaneously.

SPR analysis is the backbone of immunological aspect of biological sample and has efficient and stable immobilization, complete retention of biological properties and easy accessibility of bio-molecules. The key features of the equipment include automated highly efficient result, open cuvette system with reference channel and large dynamic refractive index range.

Department of Biotechnology is starting M.Tech. courses in Biotechnology and Bio-informatics and also Ph.D programs from the academic year 2010-11. It is highly pertinent that for the project work and advanced research activities the SPR analyzer should be procured in the department for its usage by the students and faculty. The emerging R&D activities in DNA/RNA and protein chip research are dependent on SPR analysis. Studies of immune-biosensors will be facilitated by the procurement of SPR. The SPR analysis will help students to undertake advance level project in Geneomic and Bio-informatics and also for the development bio-chips.

All the faculty members of Biotechnology Department are desirous of procuring SPR analyzer for the advance level activities and global recognition in the area of DNA/RNA, protein and bio-molecules research.

As the expenditure involved for above the competency limit vested in Hon'ble Vice-Chancellor, DTU as per DFP regulation (sr. no 1), it is proposed that the instant purchase proposal may be placed before the Finance Committee of the University for perusal/consideration for tendering.

The budget provision to meet these expenses was made in the budget document 2010-11 totalling to Rs. 88.09 Crores furnished to Finance Deptt. but the FD allotted GIA to DTU only Rs. 40 Crores for the year 2010-11. However we may again keep the provision while sending the RE 2010-11 to FD.

In view of urgent requirement, FC is requested to accord the A/A as per DFP regulations (Sr. No 1) delegated by BOM for procurement of Store by calling the open tenders through Newspaper advertisement and E-tendering portal as per GFR provisions and other guidelines on the subject.

**Decision :** In view of the decision in item 7.1 the proposal be processed accordingly.

**Item No.7.6 Administrative approval for modernization of Laboratory on "Advanced Microwave and Millimeter Wave Communication" under the ECE Department of the DTU. (Est. Cost 2.58 crores).**

The committee was apprised about purchase as under:

- (i). Phase-I (1) Advance Digital signal Processing Lab, (2) Digital Image processing Lab, (3) Departmental Electronics Component Bank.  
(Total Estimated cost 46.5 lacs.)
- (ii). Phase-II (1) Analog and Digital Communication lab, (2) Microwave lab, (3) RF millimetre wave, (4) Robotics & Machine Intelligence Lab  
( Total Estimated Cost 87 Lacs)
- (iii). Phase-III (1) Electronics lab, (2) Advanced Electronics Lab (3) Linear Integrated Circuits lab, (4) Embedded design lab  
(Total Estimated Cost 1.5 crores).

## **1. Justification for Requirement**

Due to the constraints of budget availability with the Govt., the laboratory modernization may be approved in three phases. The new curriculum has been designed keeping in mind the strength of the department, need of industry, service to the society and futuristic technology needs. The department is in dire need of the latest equipment required to keep the academic / technological edge over other universities and to become capable to serve better to our country and society. We propose the three phase modernisation plan

### **1.1 Phase-I**

We plan to modernise the following three laboratories:

1. Advance Digital signal Processing Lab
2. Digital Image processing Lab
3. Departmental Electronics Component Bank

These labs will meet the needs of the practice based learning providing such an environment to the students/ faculty so the classroom teaching could lead to the complete practical analysis by materialising the proposed designs on the breadboard interfaced with computers and students availing the facility of all the equipments required for correct understanding



(Logic Analyser, spectrum analyser, CRO, logic probe, power supply, multimeter, arbitrary waveform generator and waveform generator etc.) of the designs learnt in the classroom. The equipments ensure that the students could make its own design and could later on embed its design / development on the hardware to test its performance. The proposed equipments have been purchased at many IITs and world class universities. The well known industries (TI ,NI,STM & Freescale) during their seminar presentations have also stressed upon bringing this change. The first phase boosts strength of the department in the signal processing field for core research and consultancy.

<b>Advance DSP Lab</b>			
<b>S.No.</b>	<b>Product Description</b>	<b>Qty</b>	<b>Prices Rs</b>
1	NI ELVIS II+ Basic + Neural Networks Toolkit for LabVIEW +Genetic Algorithm Toolkit for LabVIEW	5	
2	Power Cord; 240V, 10A, Euro, Right Angle	5	
3	Academic DSP Bundle with SPEEDY-33, 10-Unit Bundle(Academic Only)	1	
4	Freescale NI ELVIS Microcontroller Prototype Board	5	
5	LabVIEW for ARM - with ARM7 Hardware, 1 Year SSP with Genetic Algorithm Toolkit for LabVIEW & Neural Networks Toolkit for LabVIEW	1	
	<b>Total</b>		22,00,000

### **Digital Image Processing lab**

<b>Sr. No.</b>	<b>Product Description</b>	<b>Qty</b>	<b>Prices Rs.</b>
1	<b>NI EVS-1464 RT Embedded Vision System (1394/GIGE) with items a to e below</b>	1	
	a) PS-5 Power Supply, 24 VDC, 5 A, Universal Power Input	1	
	b) NI Vision, I/O Terminal Block and Prototyping Accessory w/ Cable	1	
	c) NI 1450, I/O Terminal Block, Vertical Mount and Cable	1	
	d) NI 1450, I/O Terminal Block, Horizontal Mount and Cable	1	
	e) Compact Flash, 4 GB, Industrially Rated	1	
2	<b>Camera, Basler sca640-70fm, IEEE 1394b, 659x490, 70 FPS</b>	1	
3	<b>Camera, Basler SCA1390-17FC, IEEE-1394B, 1390X1040, 17 FPS, Color</b>	1	
4	<b>Camera, Basler SCA640-70GM, GIGE, 659X490, 70 FPS</b>	1	
5	<b>Camera Basler SCA1390-17GC, GIGE, 1392X1040, 17 FPS, Color</b>	1	
6	<b>Accessories for above system</b>		
	E1 Ethernet Cable, Twisted-pair, 1 m	2	
	Power Supply, Basler Power Supply for GigE Vision cameras	2	
	Cable, Basler Trigger and I/O Cable for GigE Vision Cameras	2	
	Lens, 8mm, F1.4, Megapixel	1	
	Lens, 12mm, F1.4, Megapixel	2	
	Lens, 16mm, F1.4, Megapixel	1	



	Lens, 25mm, F1.4, Megapixel	2	
	IEEE 1394B to 1394B Cable, 4 Meters	2	
	Cable, Basler Trigger and I/O Cable for IEEE 1394b Cameras	2	
7	Thermal Imaging camera	1	
	<b>Total</b>		20,00,000

### **Departmental Electronics Component Bank**

S.No	Description	Total
1	All Consumable Components like ICS, Transistors, FETs, MOSFETS, Microprocessors, Micro-Controllers and project related sensors etc.	4.5 Lacs

**Grand Total(Phase-I): 46.5 lacs**

### **1.2 Phase-II**

We plan to modernise the following laboratories:

1. Analog and Digital Communication lab
2. Microwave lab
3. RF millimetre wave
4. Robotics & Machine Intelligence Lab

The department plans to strengthen the second core specialisation of Communication engineering. Along with this, the robotics being another core academic and consultancy area need to be strengthened. The proposed equipment will provide the university a definite edge over the other reputed universities. Communication is better understandable and implementable with prior knowledge of signal processing and therefore, has been kept in phase-II. Robotics & Machine Vision also requires DSP as prior knowledge area & hence justified to be considered for phase-II

<b>Analog and Digital Communication Lab</b>		
S.No	Description	Qty
1	NI ELVIS II+ Basic (For Academic Use Only)	1
2	Emona DATEX Telecommunication Board for ELVIS (Board Only)	1
3	Power Cord, 240V, 10A,	1
	<b>Total</b>	

<b>RF &amp; Wireless Lab</b>		
S.No	description	Qty
1	NI PXIe-5663 6.6 GHz RF Vector Signal Analyzer with 256 MB RAM	1
	NI PXIe-5663 Cable Accessory Kit	1
	Reference Clock T Connector	1
	SMA 100 (38.1cm)	3
2	NI PXIe-5673 6.6 GHz RF Vector Signal Generator with 512 MB RAM	1
	NI PXIe-5673 Cable Accessory Kit	1

	Reference Clock T Connector	1
	SMA 100 (38.1cm)	6
<b>3</b>	<b>PXIe-1075, 18-Slot 3U PXI Express Chassis</b>	<b>1</b>
	Power Cord, 240V, 10A, North American	1
	NI 18-Slot Chassis Front Rack Mount Kit	1
	NI 18-Slot Chassis Rear Rack Mount Kit	1
	18-Slot Chassis Filler Panel Kit (to cover 17 slots)	1
<b>4</b>	<b>NI PXIe-8130 Turion 64 X2 2.3 GHz HighBW, WinVista, ExtTemp, 24/7</b>	<b>1</b>
	USB English Keyboard and Optical USB Mouse	1
	2 GB DDR2 RAM for 8130, 8106 & 8105 Controllers	2
	NI MKD-1117 Rackmount 1U LCD Monitor, Keyboard, Mouse Drawer	1
	FPM-1017 17in. Flat Panel Monitor with VGA Input for PC's	1
	DVI-I (male) to DVI-D (female) & VGA (female) Splitter	1
<b>5</b>	<b>NI GPS Simulation Toolkit for LabVIEW</b>	<b>1</b>
<b>6</b>	<b>NI WLAN Measurement Suite (Generation and Analysis)</b>	<b>1</b>
<b>7</b>	<b>NI Measurement Suite for Fixed WIMAX (IEEE 802.16-2004)</b>	<b>1</b>
	NI PCI-5640R: 2 Inputs and 2 Outputs IF Transceiver	1
	NI PXI-2598 (2-slot; 26.5 GHz Dual-Transfer Switch)	1
	NI PCI-5640R: 2 Inputs and 2 Outputs IF Transceiver	1

<b>Optical communication Lab</b>		
	<b>description</b>	<b>Qty</b>
1	NI ELVIS II+ Basic (For Academic Use Only)	1
2	Emona ETT-211 FOTEX-Fiber Optic Comm Trainer for NI ELVIS	1
3	Power Cord, 240V, 10A,	1

<b>Robotics and Machine Intelligence Lab</b>		
<b>S.No</b>	<b>description</b>	<b>Qty</b>
	<b>Compact RIO</b>	
<b>1</b>	<b>C-RIO-9074 8-Slot Integrated 400 MHz Real-Time Ctrlr, 2M Gate FPGA with Lab View below mentioned accessories</b>	<b>4</b>
<b>a</b>	PS-4 Power Supply, 24 VDC, Universal Power Input Din Rail Mount	

b	NI 9978 4-pos screw terminal power supply plugs (quantity 5)	
c	NI 9979 Strain relief kit for 4-pos power connector	
d	E1 Ethernet Cable, Twisted-pair, 5 m	
e	Cable Assy, Ethernet, Type E, Crossover, 8POS, CAT5, 5m	
2	<b>NI 9505 DC Brushed Servo Drive with Encoder Interface</b>	4
a	NI 9931 - Higher Power Motor Screw Terminal Accessory for NI 9505	
b	NI 9947 - Strain relief and high voltage connector kit for NI 9505	
3	<b>NI 9234 (4-Channel, ±5 V, 51.2 kS/s per Channel, 24-Bit IEPE)</b>	1
a	BNC Male - BNC Male Cable pack (qty 4)	
b	General Purpose Shear Accelerometer, 10 mV/g	
c	High Sensitivity Shear Accelerometer, 100 mV/g	
4	<b>NI 9401 [8 Ch, 5 V/TTL High-Speed Bidirectional Digital I/O Module]</b>	1
	NI 9934 25pin D-Sub connector kit	
	SH25F-25M-1 (1m) - 25-Pin Female to Male Shielded I/O Cable, 1 m	
5	<b>NI 9474 [8-Channel 5 to 30 V, 1 µs, Sourcing Digital Output Module]</b>	1
	NI 9932 Back shell with 10-pos connector block	
6	<b>NI 9219 [24-Bit Universal Analog Input]</b>	1
	NI 9972 Back shell for 6-pos connector block	
7	<b>NI 9263 [4-Channel, 100 kS/s, 16-bit, ±10 V, Analog Output Module]</b>	1
	NI 9936 10-pos screw term connector block (qty 10)	
8	<b>NI 9870 4-Port RS232 Serial Module with (4) 10P10C-DE9M-SO cables and Power Cable</b>	1
	<b>SMART CAMERA</b>	
9	<b>Camera, NI 1742 Smart Camera [[533 MHz PowerPC processor;640X480;60fps]] with all mentioned accessories</b>	1
	PS-5 Power Supply, 24 VDC, 5 A, Universal Power Input	
	NI Smart Camera I/O Accessory	
	NI 17XX, Desktop Power Supply 24V, 63W	
	NI 17xx 5m Pigtail breakout cable	
	NI 17XX Unshielded Screw Terminal Breakout with 2M Cable	
	Lens, 8mm, F1.4, Megapixel, Computar	

	Lens, 12mm, F1.4, Megapixel, Computar	
	Lens, 16mm, F1.4, Megapixel, Computar	
	Lens, 25mm, F1.4, Megapixel, Computar	
	Light, 4X4 Back Light (Red)	
	Light, Ring Light (Red)	
	Light, Linear Array (Red)	
	Light, Spot Light (Red)	
	Mounting Kit, NI-17XX Series Smart Camera Tripod Adapter Plate ]	
	NI-17XX Series Smart Camera Panel Mount Kit	
	E1 Ethernet Cable, Twisted-pair, 5 m	
	NI Vision Run-Time License	
	Microcontrollers kits based on Atmega avr,BasicX4, DsPIC, etc.	
	Soldering Machine	
	GPS receiver	
	Robotic Base(for real time testing)	

**Grand Total (Phase-II) : 87 Lacs**

### 1.3 Phase-III

This phase has been planned to accommodate the third specialisation of Embedded Design. The embedded design requires the following labs to be upgraded:

1. Electronics lab
2. Advanced Electronics Lab
3. Linear Integrated Circuits lab
4. Embedded design lab

The individual lab will have the improved practical environment. The box-based practicals never added to the knowledge of students. Therefore, the basic design process coupled with the sets of signal generating to measuring equipment (now a days, all such equipment have been clubbed ) will be provided to the students from the very first day. Experimentation will be in tune with the required learning process and as per the need of the industry.

#### Electronics Lab

S.No	Description	Qty
1	NI ELVIS II+ Basic (For Academic Use Only) with 10 User lab View	10
2	Power Cord, 240V, 10A,	10

#### Advanced Electronics Lab

S.No	Description	Qty
1	NI ELVIS II+ Basic (For Academic Use Only) with 10 user labView	10
2	Power Cord, 240V, 10A,	10

#### LIC Lab

S.No	Description	Qty
------	-------------	-----

1	NI ELVIS II+ Basic (For Academic Use Only) with 10 user Lab View	10
2	Power Cord, 240V, 10A,	10

### Embedded Design Laboratory

S.No	Description	Qty
1	Cortex M3 STM32F107 kit board Based on STMicroelectronics platform	10
2	Development Kit bases on ARM Cortex	10
3	Android EVM based on Samsung Platform	10
4	ARM Emulator & Debugger	10
5	<b>Embedded Development Kits and Supporting Tools.</b>	10
6	VLSI Design Tools	1

**Grand Total (Phase-III) : 1.5 Crore**

**Total estimated cost Phase I: Rs. 46.5 + Phase II: Rs. 87 + Phase III: Rs.**

**1.5 Crores = Rs. 2.835 crores.**

As the expenditure involved for above the competency limit vested in Hon'ble Vice-Chancellor, DTU as per DFP regulation (sr. no 1), it is proposed that the instant purchase proposal may be placed before the Finance Committee of the University for perusal and consideration.

The budget provision to meet these expenses was not made in the budget document 2010-11 of Rs. 88.09 Crores furnished to Finance Deptt against which FD has allotted GIA to DTU only Rs. 40 Crores for the year 2010-11

In view of justification of requirement, FC is requested to consider the proposal for modernization of labs at total estimated cost Rs. 2.835 crores and thereafter the same will be submitted to BOM in the next meeting for A/A to the proposal as per DFP regulations (Sr. No 1) delegated by BOM for procurement of Store by calling the open tenders through Newspaper advertisement and E-tendering portal as per GFR provisions and other guidelines on the subject.

If administrative approval is accorded to the proposal, we may keep the provision while sending the Revised Estimate of GIA to DTU for the financial year 2010-11 to Finance Department Govt. of NCT Delhi.

**Decision :** In view of the decision in item 7.1 the proposal be processed accordingly.

**Item No.8** **Pattern of Assistance for release of Grant in Aid to DTU by Govt. of NCT of Delhi.**

BOM

The committee was apprised that with the formation of DTU, the Finance Department has approved to incur the expenditure out of the GIA to DTU w.e.f 01.01.2010 and while releasing the GIA, Finance Deptt. has advised to submit the further proposals for release of GIA as per Pattern of Assistance approved by the Finance Department. As such the draft proposal of Pattern of

Assistance for release of GIA to DTU by Finance Department has been prepared and placed herein, (Annexure no 11 page no104-106).

**Decision : The Finance Committee approved the proposal.**

**Item No.9 Delegation of Financial Powers to HODs and other authorities of DTU.**

The committee was apprised that the financial powers were delegated to the Vice-Chancellor, Registrar, Controller of Examination, Dean IRD, Heads of Departments and Controller of Finance duly approved by BOM vide order no 18/DTU/OSD/DFP/09-10/10 dated 5/12/2009 for 44 items. (Annexure 12 page no 107-117) After issue of this order, it has been observed to delegate enhanced power in some existing items already approved and to delegate powers for some more items as detailed below.

**(i) Enhanced powers for existing items :**

Sl. NO	Nature of A/A and E/S powers	Registrar Admn	HOD'S
1.	Stores: I. Purchase of equipment including Computers projectors required for the Departments/schools of Studies, under the teaching programme. II. Purchase of raw material & consumables for lab/ workshop	Up to Rs. 5 lacs on each occasion  Up to Rs. 5 lacs on each occasion	Upto Rs. 1 lacs on each occasion.  Upto Rs. 1 lacs on each occasion.
23	Expenditure on innovate research projects by the students and participation in the international seminars/workshops etc.	Upto Rs. 2 Lacs on each occasion.	Upto Rs. 1 lacs to Dean IRD. On each occasion.

**(ii) Delegation of powers for some more items :**

	Nature of A/A and E/S powers	Vice-Chancellor	Registrar Admn.	HOD'S	Remarks
45	Expenditure from students fund account with sanction of advance drawl.	Full powers	Upto Rs. 2 lacs on each occasion	Nil	—
46	Expenditure on sponsored projects with the Principal Investigators.	Full powers	Upto Rs. 2 Lacs on each occasion A/A for taking up the project will be accorded by Hon'ble VC	Upto Rs. 1 Lacs on each occasion to Principal Investigators A/A for taking up the project will be accorded by Hon'ble VC	—
47	Expenditure on services -security, sanitation, maintenance of DTU campus and out-sourcing of attendants/workman Group "C" &"D' for Departments Labs/Library. Etc.	Upto Rs. 50 Lacs on each contract.	Upto Rs. 2 lacs on each occasion subject to A/A for award of contract by Hon'ble VC.	Nil	Powers Beyond Rs. 50 lacs. Upto Rs. 1.00 Crores with FC and beyond Rs. 1.00 Crores with BOM

These powers are subject to observance of coddle formalities as per GFR and other standing orders in this regard issued from time to time. And also subject to examine by Controller of Finance/Dy. Registrar (Finance and Accounts)/ DDO of the University.

**Decision :** **The Finance Committee approved the proposal.**

**Item No.10** **Implementation of revised AICTE pay-scales and other conditions for teacher of DTU, as accepted by Govt. of NCT of Delhi, in reference to 6<sup>th</sup> pay commission.** ✓

BOM

The committee was apprised that the AICTE has notified the regulations of pay-scales, service condition and qualification for the teachers and other academic staff in technical institution (Degree level) vide notification no F. 37-3/legal/2010 dated 05.03.2010 (**Annexure 13 page no 118-134**) which has been submitted by the DTTE to the Govt. of NCT Delhi for approval to the notification for implementation of same for the teachers of Degree Level Technical Institutes under Govt. of NCT of Delhi and the decision of the Govt. is awaited.

The estimated expenditure on arrears of pay & allowances due to implementation of the above notification is Rs. 10 crores for which the budget provision was made in the DTU budget proposal of 2010-11 of Rs. 88 crores but the FD has allotted only Rs. 40 crores with no provision of arrears.

FC may approve for making payment of arrears to the teachers of erstwhile DCE on receipt of orders from Govt. Of NCT of Delhi after allocation of additional funds under salary head from the Finance Department.

**Decision :** **The matter be placed before BOM for consideration after the decision is taken on the AICTE pay scales by the cabinet of Govt. of Delhi.**

**Item No.11** **Remuneration to paper setters and evaluation of answer scripts etc., of M.Tech and MBA practical examination.**

BOM

The committee was apprised that in the 2<sup>nd</sup> BOM meeting Nov. 21, 2009 the rates of remuneration for conduct of B.Tech/M.Tech/MBA/Ph.D under DTU (Theory & Practical examination) (supplementary agenda no 2) were approved in minutes of meeting vide file no DTU/ORG/BM/Meeting/1(1)/09/006 Date 04.12.2009 (Copy placed at **Annexure 14 page no 135-139**), but Head of Delhi School of Management of DTU informed that for M.Tech practical exam the amount of evaluation charges without paper setting is even less than B.Tech IV year. Keeping in line with "with paper setting" this may be corrected to Rs. 40 per candidate. For MBA also the same rates as for M.Tech may be approved. Thus for M.Tech/MBA the rates of remuneration given below may be approved.

Examination	With Paper Setting		Without paper Setting
	Setting of Question Paper Rs	Evaluation Charges (Rs.)	Evaluation Charges (Rs.)
B.Tech I/II/III yr	500	20	30

B.Tech IV yr.	500	25	35
M.Tech	1000	30	40
MBA	1000	30	40

**Decision :** The Finance committee approved the proposal.

**Item No.12** Institution of merit scholarship to the toppers of each branch of B.Tech (Evening program).

*BOM*  
The committee was apprised that the BOM has approved the proposal for award of merit scholarship to the toppers of each branch of BE/B.Tech, M.Tech/MBA programs in the first meeting of BOM as supplementary agenda 1 issued through minutes of meeting vide file no DTU/ORG/BM/Meeting/1(1)/09/ dated 13.10.2009. (copy placed at Annexure 15 page no140-145) and circulated in the Departments vide DTU OM no F. NO DTU/Misc./HOO/Vol.I/2009/4942-47 dated 16.11.2009 (copy placed at Annexure 16 page no 144-145).

In charge B.Tech (Evening program) has informed that the institution of merit scholarship to the topper of B.Tech (Evening programs) has been left out in the proposal submitted in the 1<sup>st</sup> meeting of the BOM. As such to inspire the talented minds to aspire for higher level of scholarship and for promoting healthy competition, the merit scholarship to the topper of the B.Tech (Evening program) may also be approved at par with that of BE/B.Tech programs approved by the BOM in the 1<sup>st</sup> meeting vide Agenda no 1.

**Decision :** The Finance Committee approved the proposal with the stipulation that this expenditure shall be met from student fund.

**Item No.13** Creation of posts of OSD to VC, PRO and Security officer in DTU.

The committee was apprised that in the university, the following officers would directly report to the Vice Chancellor.

1. Registrar
2. Controller of Finance
3. Controller of Examination
4. O.S.D. to Vice Chancellor
5. Chairman, Library Committee
6. Dean (Academic)
7. Dean (Student Welfare)
8. Dean (IRD)
9. Dean (International Relations)
10. Dean (Continuing Education)
11. Proctor &
12. Heads of Departments/centres

Out of these posts all Deans and Proctor already exist as per the normal university pattern. One post of Controller of Examination has been created in the scale of Rs 16,400-22400 with the approval of the BOM in its first meeting held on 22.9.09. The first Registrar has also joined as per DTU Act,. The first Controller of Finance is also likely to be appointed by The Hon'ble Chancellor.



(a) O.S.D. to Vice Chancellor

At present, O.S.D. has been deputed in DTU by the Department of Training & Technical Education, Government of Delhi.

As per the proposed organizational chart referred to above the O.S.D. to Vice Chancellor will be supported by Dr. Registrar (Projects/Works, Estate Engineering), Guest House plus Central Facilities, Assistant Registrar (Planning & Public Relations) officer. Thus he will be involved in all projects/estate engineering, perspective planning for the development of the university and public relations. Besides, he may assist the Vice Chancellor in examination of all technical/administrative/academic proposals, if desired by Vice Chancellor.

It is submitted that the post of OSD to Vice Chancellor exists in the GGSIP University in the scale of Rs 16,400-22,. It is proposed, on the lines of GGSIPU, the post of OSD to Vice Chancellor may be created in pay scale of Rs 16,400-22,400 in DTU.

(b) P.R.O.

With the up-gradation of DCE into DTU the public relations work of the university needs a full time officer to handle the following work:

- Media Management – publicizing about various academic activities and developments taking place at the university. Issuing press releases, planning articles and answering media queries on the university.
- Sharing information on the University with students, parents and other stake holders of the University through various forums. Helping students and general public, solving their problems and redressing their grievances, if any.
- Providing guidance to students whether at the time of admissions or any other difficulty they face during their course of study at the university.
- Building and managing the brand image of the university by planning and processing publicity activities like special advertisement campaigns, banners & posters, designing brochures and leaflets, planning events and so on.
- Play a key role in the organization of various events and activities of the university like Convocation, Press Conference, Seminars, Conferences, visit of important delegates etc.

At present, Ms Rashmi Sablania has been appointed as PRO on contractual basis w.e.f. 1.9.09 against the vacant post of Assistant Professor in Information Technology. It is proposed that on the lines of Jamia Milia Islamia, University of Hyderabad and Pondicherry University a post of P.R.O. may be created in the scale of Rs 12,000-18,300.

(c) Security Officer

In the second Finance Committee meeting held on 6.2.10 deployment of additional security guards in the campus of DTU was considered. The Finance Committee considered recommendation of AR department of Govt. of NCT of Delhi which had assessed the requirement of manpower for security purpose and

had recommended deployment of 110 security guards in the campus and approved the proposal.

In order to monitor and supervise the security arrangements of the university as well as arrange the deployment of the security staff keeping in view the special situation a full time Security Officer will be necessary for the university for maintaining general discipline as well as security in the university. It was also one of the demands of student in recent past.

The post of Security Officer exists in IITD

It is proposed to create a post of security officer in the scale of Rs 8,000-13,500.

**Decision :** **The Finance Committee deferred the proposal in view of the finalization of the organizational of DTU**

**Item No.14** **TA for attending the meetings to the members of Selection Board & Board of Studies.**

BOM

The committee was apprised that in the 2<sup>nd</sup> meeting of BOM the TA/DA was approved for outside experts as 2<sup>nd</sup> AC rail fare or the actual fare if it is less than the 2<sup>nd</sup> AC rail fare or their entitlement to the member of Board of studies. But with the practical experience it has been observed that some members of Board of studies of Academic Departments belongs to higher scales and are entitled for air journey and AC 1<sup>st</sup> class by train.

As such the TA to the outside experts may be approved as per TA rules FR&SR, Part II, which is proposed as under.

For Experts in the pay-scales of & above Rs.12,000-18300 (pre-revised) or equivalent : - Air fare (Economy class)/ 1st AC rail fare/AC taxi or the actual fare if it is less than the 1<sup>st</sup> AC rail fare/AC taxi fare.

**Decision :** **The Finance Committee approved the proposal.**

**Item No.15** **Grant of replacement scale to Chief Store Keeper and Deputy Administrative Officer as recommended by the 5<sup>th</sup> Pay Commission in Part-B of the report to the Government employees w.e.f. 01.01.1996.**

BOM


The committee was apprised that Finance Committee approved in the first meeting held on 21.11.2009 (Item No.6 - copy annexed as per Annexure no

17 page no 146-149) for grant of revised pay scale to Chief Store Keeper and Deputy Administrative Officer as proposed in agenda with the stipulation that arrear will be payable with effect from 01.01.2010.

From the decision as above, it has been observed that these officers will be prevented to get the benefit of revised pay scales as recommended by the 5<sup>th</sup> Pay Commission w.e.f. 01.01.1996. Therefore, the committee is requested to reconsider the decision and grant the proposed pay scales notionally w.e.f. 01.01.1996 and benefit of arrears w.e.f. 01.01.2006.


**Decision :** The Finance Committee approved the proposal.

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

  
(O.P. Shukla)  
O.S.D.

Copy to:

1. Prof. P.B. Sharma, Vice Chancellor, DTU
2. Sh. J.P. Singh, Pr. Secretary (Finance), Govt. of NCT of Delhi, Delhi Secretariat, I.P. Estate, New Delhi-110 002
3. Sh. Anand Prakash, Pr. Secretary (Higher Education and Technical Education), Govt. of NCT of Delhi, Munimaya Ram Marg, Pitampura, Delhi
4. Prof. R.S. Nigam, Former Director, Delhi School of Economics, Delhi University, 62, Vaishali, Pitampura, Delhi
5. Prof. Pratima Bose, Principal, Ch. Braham Prakash Govt Engineering College, Jaffarpur, Delhi-110 073
6. Sh. U.K. Worah, Registrar, DTU.
7. Dr. K. Singh, AO/JR (Admn), DTU
8. Sh. A.K. Sharma, Dy. Registrar (A/c), DTU

  
(O.P. Shukla)  
O.S.D.