

Delhi Technological University

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

(Formerly Delhi College of Engineering)

Sub: Minutes of the 8th meeting of Board of Management held on 16.8.2012

The Eighth meeting of the Board of Management of DTU was held on 16.8.2012 at 11.00 a.m. in the Senate Hall, Administrative Building, DTU.

The following were present:

1. Prof. P.B. Sharma, Vice Chancellor	:	Chairman
2. Prof. Moin Uddin, Pro Vice Chancellor	:	Member
3. Padamshree Prof. K. L. Chopra,	:	Member
4. Prof. D.V. Singh, former VC, Roorkee Uni.	:	Member
5. Prof. R.S. Nigam, former Director, FMS, DU	:	Member
6. Prof. N. K. Jain, Dean(CE)	:	Member
7. Prof. S. Maji, Dean(IRD)	:	Member
8. Prof. Asok De, Professor(DTU) & Dir, NIT, Patna	:	Member
9. Prof. Asok Bhattacharyya, Professor(DTU)	:	Member
10. Prof. A. K. Gupta, HoD(Civil) & Registrar	:	Secretary

Shri D. M. Spolia, Pr. Secretary (Finance), Shri Lalmalsawma, Principal Secretary(TTE) and Shri Devinder Raj Narang, Chairman, Freeplay Energy India Pvt. Ltd. could not attend the meeting due to their pre-occupation. Dr. K. Singh, Joint Registrar (Admn.) and Shri P. D. Goel, Consultant(FA) were invited to assist in the meeting of the Board.

Minutes of the meeting are as follows:

Agenda 8.1 : Opening remarks by Chairman

The Vice Chancellor at the outset extended a warm welcome to the members of the Board and acknowledged the support he received from all the members during the last three years. He further introduced Prof. A.K. Gupta, HOD (Civil) who has been assigned with the duties of the Registrar of the University recently with the members of the Board of Management.

In his opening remarks he mentioned that DTU celebrated its **3rd Foundation Day** on **16.07.2012**. During these three years of its establishment, DTU has achieved growth with focus on quality education and relevance. Prof. D.P. Agarwal, Chairman, UPSC, Chief Guest on the occasion delivered lecture titled "*Technological Education Tomorrow: The Role of Technological Universities*". Prof. K.V. Rajan, Former Ambassador France, USA and Member, National Security Advisory Board and Shri K.L. Chugh, Former Chairman, ITC also addressed the gathering and commended the University for the achievements made during the last 3 years.

The Chairman informed the members that DTU has been placed at 4th Rank in **Placement** and 7th in **Selection Process** among the "Top 10 Engineering Colleges in the year 2011, as per MDRA Outlook Survey on this, DTU has been Ranked No. 1 in the **Return of Investment in Top 10 Engineering Institutions including the IITs**.

The Chairman also informed that the University has received a proposal from Dr. Sita Ram Jindal, CMD of Jindal Aluminum Limited (JAL) for donation worth Rs.100 crores for establishing a world class Institute of Management which is the highest ever donation to be received by any institution in India from a single donor/corporate. The matter was placed in the meeting of the Finance Committee held on 13.8.2012 for considering the terms and conditions mentioned in the MoU provided by the JAL. The Finance Committee had modified certain paras and modified draft of the terms and conditions of the MoU is annexed with the minutes of the Finance Committee which is being taken up as an Agenda No. 8.4 of this meeting. The Chairman also informed the members that a DO letter No. PA/Pr. STTE/2012/80, dated 09.08.2012 has been received from Pr. Secretary, TTE in connection with this item. He read the contents of the letter before the members. In his letter, the Principal Secretary, TTE had desired that meeting of the Board be deferred for few days. It was informed that the reply has been sent to the Principal Secretary, TTE by the University wherein it was clarified that section 7(26) of the DTU Act empowers the University "to receive benefactions, donations and gifts from persons and to name after them such chairs, institutions, buildings and the like as the University may determine, whose gift or donation to the University is worth such amount as the University may decide". Having been informed of the position, the Board of Management endorsed the contents of the letter written by the Vice Chancellor to the Principal Secretary, TTE. The Chairman then took up the Agenda Items one by one for discussion:

Agenda 8.2 : Confirmation of the minutes of the 7th meeting of BOM held on 24.05.2012.

The Minutes of the Seventh meeting of the Board of Management held on 24.05.2012 were circulated among all the members vide minutes F. No. DTU/ORG/ BM/ Meeting/1(1)/09/3431-44 Dated 30.05.2012. The Board was apprised that no comments were received from any member of the Board.

Decision : The Board of Management approved the minutes of the seventh meeting of the Board.

Agenda 8.3 : Action taken report on the decisions taken in the 7th meeting of the BOM

While going through the Action Taken report, Prof. D. V. Singh pointed out that the word "order" written in respect of Agenda No.7.7 and 7.8 should be substituted with "Notification". He further stated that in respect of Agenda No.7.9 it has been mentioned that legal opinion is being sought, it needs clarification. The Chairman clarified that, as per DTU Act, the University has the power to create teaching and non-teaching positions but Finance Department wants that it should seek further sanction from them. The University is seeking legal opinion whether it needs any sanction from the Finance Department despite the University having powers for creation of posts as envisaged in the DTU Act Section 7 Sub section 5 and 9 for teaching and non-teaching positions respectively. Prof. D. V. Singh and Prof. K. L. Chopra desired to know whether

budgetary requirements for teaching positions created for B.Tech. in Mathematics and Computing were submitted to the Govt. before its creation by the Board or thereafter. The Chairman clarified that while submitting Five Year Plan 2012-17 and Annual Plan 2012-13, the University has already included the program in B.Tech. (Mathematics & Computing). However, two members namely Prof. Asok Bhattacharyya and Prof. Asok De were of the view that the University should seek sanction from the Finance Department for the post created by the University so that there may not be any problem in future.

Further, Prof. D. V. Singh mentioned that in respect of Agenda No.7.11, how many faculty members have joined. It was informed that Out of 34, 23 new faculty have joined so far, a list of such faculty is annexed at page 34. Prof. Bhattacharyya pointed out a new few typing errors in respect of the departments shown against Dr. Dheeraj Joshi and Dr. Sanjay Kumar Soni which was accepted and corrected list is given Annexure of these minutes.

Decision : **The Board took the Action Taken Report on record with above suggestions/modification.**

Agenda 8.4 : **Approval of the decisions of the Finance Committee taken in its 8th Meeting held on 13.8.2012.**

It was informed that 8th Meeting of the Finance Committee was held on 13.8.2012 to consider various agenda items. The Finance Committee deliberated on each agenda and took decisions thereon. The minutes of the meeting were placed in the meeting of the Board.

Decision : **The Board approved the decisions of Finance Committee except Item No.9 of the minutes which was discussed along with Agenda No. 8.8 of the Board.**

Agenda 8.5 : **Matters for information**

i. Joining of newly appointed Professors and Associate Professors in the University.

It was submitted for information of the Board that the University issued offer of appointment to the selected candidates, Professors (13) and Associate Professors (25) in various disciplines. Out of 38 candidates, 23 have joined the University.

ii. Merging of faculty strength of B.Tech (Evening) with day time and running of B.Tech (Evening) with the guest faculty.

It was submitted for information that the Board, in its 5th meeting held on 30.07.2011, approved the merging of B.Tech (Evening) faculty with day time faculty of DTU in

principle with the stipulation that University will work out its modalities for implementation. In pursuance to that, a three members Committee was constituted under the Chairmanship of Prof. G.L.Verma to suggest the modalities for running the B.Tech. (Evening) program. The committee submitted its report on 28.03.2012, the reports of the Committee along with its suggestions made by the Pro VC, was further discussed in a meeting with the Dean (CE), Heads of all the four disciplines, Controller of Examination, Accounts functionaries and other officers of the University. On the basis of the inputs received from the various functionaries who were present in the meeting, an order incorporating the detailed modalities for running the B.Tech.(Evening) program on self finance basis has been prepared.

iii. Relinquishment of charge by Shri U.K.Worah as Registrar.

The Board was informed that Sh. U.K. Worah, relinquished the charge as Registrar of DTU. His services have ceased from the University w.e.f. 02.07.2012(F/N).

iv. Appointment of Prof. A.K.Gupta, HOD (Civil Engg.) as Registrar DTU.

The Board was informed that as per provisions contained in clause 7(4) of the First Statutes of the University, the Vice Chancellor has assigned Prof. A.K. Gupta, Professor and Head (Civil Engineering), the duties and responsibilities of the Registrar in addition to his normal duties as Professor and Head (Civil Engineering) vide office order No. F.1-10 (2)/ PF/ DTU /Estt. /10 /6338-46 dated 02.07.2012.

v. Repatriation of Shri A.K.Sharma, Sr. A.R (F/A).

The Board was informed that Shri A.K. Sharma, Sr.AO, Finance Department, Govt. of NCT of Delhi, who was working as Sr. AR (F/A) on Foreign service in the University, was stand relieved from the University vide FD order No F.3/1/2012-AC/DS.1/1216-31 dated 12.07.2012 to join G.B.Pant Hospital, New Delhi.

vi. Joining of Shri Srinivasa Rao Y. joined as Sr. Assistant Registrar (Finance & Accounts).

It was for the information of the Board that Sh Srinivasa Rao Y., Sr. Accounts Officer, Finance Department, Govt. of NCT of Delhi who has been posted in DTU by the Finance Department, Govt. of NCT of Delhi, has joined the

University on foreign service with effect from 16.07.2012 and appointed as Sr. Assistant Registrar(F/A).

vii. Joining of Shri Harish Kharbanda joined as AAO.

It was for information of the Board that Sh. Harish Kharbanda, AAO, Finance Department, Govt. of NCT of Delhi joined DTU on foreign service with effect from 01.06.2012(F/N) and appointed against the post of Assistant Accounts Officer as per office order No.1/2-535/Estt./DTU/2012 / 7042-53 dated 17.07.2012.

viii. Appointment of Assistant Public Information Officer (APIO).

It was for the information of the Board that Sh. Malkit Singh Kalyan, Section Officer(Council, Statistical & Planning) has been assigned additional responsibility of Assistant Public Information Officer as per order No. F.DCE/PO/CEP/2011-12/Misc./2012/6423-30 dated 04.07.12

ix. Recruitment notification for filling up of Non-teaching positions by transfer on deputation.

The University is having shortage of ministerial staff. To cope up with the work in the offices and academic departments and also to fill up the vacancies expected to arise due to repatriation of some staff from DASS/Stenographer cadre from the Services Department, GNCT of Delhi, it has become necessary to place in position the required number of manpower for efficient disposal of official work. To fill up the posts by transfer on deputation on urgent basis, an advertisement to this effect has been issued by the University on 26.7.2012 for various administrative positions, numbering 28, on deputation basis in the leading newspapers as well as on the university website. Besides, a circular to this effect also sent to all the Central/State Govt. /NCT of Delhi / University / Autonomous Body / Govt. Undertaking /Recognized Research Institutes.

x. Status report on admission in the current academic session 2012-2013.

It was submitted for the information of the Board that the University started admissions to its B.Tech, M.Tech, MBA, Ph.D and B.Tech.(Evening) programs right from February, 2012 with MBA in the first round, thereafter M.Tech./Ph.D and B.Tech. and B.Tech.(Evening) program. The first phase of counselling for all the programs has been completed by 31st July, 2012 and the classes started from 1st August, 2012. As per information provided by the Chairmen, B.Tech. Admission Committee, B.Tech.(Evening) Committee, Coordinator, M.Tech. & Ph.D program and Head(DSM), the

number of candidates admitted to each program are as follows :

Sr. No.	Program	No. of seats	No. of Admissions
1.	B.Tech.	1531	1448
2.	B.Tech.(Evening)	182	165
3.	M.Tech.	424	382
4.	MBA	91	72
5.	Ph.D		81

Two more rounds of counseling for filling up the remaining vacant seats in B.Tech program shall be held on 13.08.2012 and 20.08.2012 respectively.

xi. Technical resignation by Dr. Rajni Jindal, Associate Professor, Dr. Alka Singh Assistant Professor and Shri Pradeep Kumar Sr. Mechanic, to take up new assignments.

It was submitted for the information of the Board that following Associate Professor and Technical Assistant working in the University, who belongs to erstwhile DCE, have submitted technical resignation from their posts which have been accepted by the Competent Authority i.e. Hon'ble Lt. Governor/Vice Chancellor, DTU (as Director, erstwhile DCE) to enable them to join the new assignments.

- i. Dr. Rajni Jindal, Associate Professor, Computer Engg.
- ii. Dr. Alka Singh, Assistant Professor, EEE.
- iii. Shri Pradeep Kumar, Sr. Mechanic

Besides, Shri Manoj Kumar, Sr. Mechanic has also tendered his technical resignation from the post to take up new assignments as Maths instructor at BTS Pusa, New Delhi in DTTE which is under process.

In respect of Agenda 8.5(x), it was pointed out by Prof. Chopra that a large number of seats are still vacant. The Chairman informed that two rounds of counselling and one spot counseling are yet to be held, all the seats will thus, get filled by the last date of closing of admission i.e. 31.8.2012. Prof. Chopra said that the session has already started from 1.8.2012 and last counselling will be held on 31.8.2012 after a one month gap, this will, naturally be a loss of teaching for students joining on 31.8.2012, therefore, the University should explore the possibility of closing the admission before commencement of new academic session similar to IIT, Hyderabad and some other institutions. The Chairman informed that this issue will be taken with the Academic Council, he would convey the feeling of the Board to the members of the Academic Council while deciding the admission policy for the year 2013-14.

Decision : The Board took the above information on record.

Agenda 8.6 : Matter for Ratification.

i. Appointment of Dr. Amita Dev, Professor (Software Engg.) on deputation/foreign Service.

It was submitted for the information of Board that Dr. Amita Dev, who was offered appointment as Professor (Software Engg.) on her selection through direct recruitment had made a request that she should be considered on deputation as she has not completed 20 years of service required for taking voluntary retirement. Although the Recruitment Regulations for the post of Professor does not have provision for appointment by transfer on deputation, in interest of the University her request for appointment on deputation / Foreign Service has been considered and approved by the Vice Chancellor on the standard terms and conditions laid down for deputation, for a period of three years and original offer of appointment withdrawn. She has been informed about the same vide letter No. F.DTU/Rectt/Faculty/1/2011/8002-03 dated 01.08.2012 with a copy to Pr. Secretary(TE). DTTE, Govt. of NCT of Delhi, Pitampura, New Delhi. She is yet to join the post.

ii. Extension of Services of Dr. J.P. Kesari, Associate Professor on foreign service under special mode of appointment.

(Taken as Agenda Item 8.10)

iii. Discontinuation of the services of Sh. P.D. Goel, re-employed as Deputy Registrar (Finance & Accounts) and his appointment as Consultant (F/A & B/A).

It was submitted for information of the Board that the services of Shri P.D.Goel, re-employed as Deputy Registrar (Accounts) was discontinued w.e.f. 21.06.2012 (Afternoon) due to administrative exigencies as per the office order No.F.1/2-393/2011/Estt/4845-50 dated 21.06.2012 and Shri Goel has now been appointed as Consultant (F&A and B&A) for a period of 6 months w.e.f. 22.06.2012 in DTU vide order No. F.1/2-393/2011/Estt/4851-56 dated 21.06.2012.

iv. Extension of period of contract of Cook appointed in Guest House.

It was submitted for information of the Board that Shri Raju Niopane, was appointed as Cook in Guest House on contractual basis for a period of six month w.e.f. 11.11.2011. He has been granted extension for another six

months w.e.f. 17.04.2012 by the Vice Chancellor keeping in view the requirement of services of a cook in the Guest House.

v. Extension of period of Contract of Assistant Professors.

It was submitted for information of the Board that 24 Assistant Professors were appointed on contractual basis during the last 5 years from 2006 to 2011. As their services were further required, they were granted extension in service from time to time earlier. Considering the need of teachers to share the teaching load of the department from August, 2012, all the Assistant Professors has granted further extension to upto 31.05.2013 on the existing terms and conditions vide order No. F.DTU/Rectt/Cont./A.P./2011/4788-95 dated 21.06.2012.

vi. Extension of period of Contract in respect of Ministerial and Technical Staff.

The Board was informed that University has appointed 70 number of ministerial and 83 technical staff on contractual basis during the years 2010 and 2011. As the period of contract of all the above staff members have expired and the University is in the need of services of all the concerned staff to perform the administrative work and support the laboratories in the academic departments, the period of contract of all the ministerial and technical staff has been extended by the University up to 31.05.2013.

vii. Extension of period of Contract in respect of Mr.Neeraj Nimwal Placement Officer.

The Board was informed that Sh. Neeraj Nimwal, Placement Officer was appointed as Placement Officer on contractual basis w.e.f 24.11.2010 for period of three months, thereafter he has been granted extension five times in the past considering the need of services of Shri Nimwal in the department, he has been granted extension by the University for a further period of six months w.e.f. 24.2.2012.

viii. Extension of contract for deployment of staff by BECIL for Edusat Studio.

The Board was informed that University has hired technical man power for operation of the EDUSAT Studio which was established in the year 2008 with the approval of Finance Department., GNCT. No regular staff has been appointed by the University for the purpose, as per approval of the Finance Department, The BECIL, being an

autonomous body of the Govt. of India and providing technical man power for such kind of services, has been engaged to provide man power to our EDUSAT Studio right from the year 2008 on a agreed rate of remuneration plus 10% consultancy charge over the actual bill of the wage for the man power provided by them. As it is a regular activity of the University, the services of the hired manpower has been allowed to continue. Recently, the University has agreed increase of 10% wage revision for providing manpower keeping in view the rise in the wages of the similar persons in the sector. The current contract period of one year for providing hired manpower shall expire on 13.05.2013.

ix. Resignation/Technical resignation by Dr. Deepa Sinha, Associate Professor and Shri Shiva Suman Asstt. Professor

It was submitted for the information of the Board that Dr. Deepa Sinha, Associate Professor, working in the University has submitted resignation from her post which has been accepted by the Vice Chancellor, DTU to enable them to join the new assignments in SAU.

Shri Shiva Suman, Assistant Professor, EEE has also tendered his technical resignation on his appointment as Assistant Director in the Ministry of Power, Govt. of India requested for relieving from the University w.e.f. 31.8.2012. The Technical resignation of Shri Suman has been accepted by the Vice Chancellor. He will be relieved from the University, as requested by him, on 31.8.2012.

X. Cancellation of Offer of appointment in respect of Dr. Bipin Kumar Tripathi, and Dr. Rajesh Singh,

Dr. Bipin Kumar Tripathi, who was offered the appointment to the post of Professor in Computer Engg. was directed to appear in the University vide letter dated 29.06.12, for verification of his documents as the interview of the candidate was done online. But, instead of appearing for verification, Dr. Tripathi requested for grant of extension for one month for verification of documents and four months for joining. The request of Dr. Bipin Kumar Tripathi was not accepted by the Vice Chancellor and offer of appointment issued to him is cancelled. Dr. Bipin Kumar Tripathi has been informed of the same vide Memo dated 9.8.2012.

Dr. Rajesh Singh, who was offered the appointment to the post of Associate Professor in Bio-Technology was granted extension in joining time upto 31.07.2012 by the Vice Chancellor. Dr. Rajesh Singh had requested for further extension of joining time upto 17.1.2013 which was not accepted by the Vice Chancellor and offer of appointment

issued to him was cancelled. Dr. Rajesh has been informed of the same vide Memo dated 9.8.2012.

Decision : The Board ratified the actions taken by the University with the stipulation that Prof. Amita Dev, who has been offered the post of Professor in Software Engg in the University on deputation, should not be given deputation allowance on joining the post.

Agenda 8.7 : Submission of Report of the committee to review the staff structure in respect of staff & officers of erstwhile DCE.

It was submitted for the information that the Board, in its 3rd meeting held on 12.6.2010, had ratified the constitution of the committee headed by Prof. D.V.Singh, Hon'ble Member of Board of Management with two members namely Prof. Raj Senani, Director, NSIT and Prof. Gopal Chauhan, Emeritus Fellow, IIT, Roorkee to review the staff structure in respect of technical staff, Library Staff, Store Staff and officers working in erstwhile DCE now DTU. The terms of reference of the committee were as follows :-

1. Change in nomenclature/designation
2. Upgradation of the scales of pay
3. Creation of proper promotional avenues
4. Rationalization of the posts of Senior Mechanics and Junior Mechanics as these are in-disproportion
5. Any other matter that committee may like to add in the interest of the staff.

However, on his request, Prof. D.V. Singh, was relieved from the responsibility of the Chairman of the Committee and Prof. Moin Uddin Pro-Vice Chancellor was assigned with the responsibility of Chairman as per office order No. F. DTU /HOO /ORG /Staff /Structure / 2009/23545-50 dated 18.02.2011.

The Committee after several rounds of detailed interactions, discussions and deliberations with the staff members, the norms & guidelines followed by the institutions like NITs / IITs and the suggestions / inputs put forth by all the members of the Committee has now submitted its report to the Vice Chancellor which will be tabled in the meeting.

Decision : The Board deferred the matter to be taken up in the next meeting.

Agenda 8.8 : Donation of Rs.100 Crores from Dr. S R Jindal, CMD, JAL, Bangalore for establishing Dr. S.R. Jindal Institute of Management in DTU.

It was submitted for the information of the Board that a proposal has been received from Dr. S R Jindal, CMD, Jindal Aluminum Limited (JAL), Bangalore to establish a world class institute in the name of Dr. Sitaram Jindal Institute of Management in DTU. The proposed institution SJIM is aimed at fostering managerial excellence by turning out managers of tomorrow and to support the growth of organizational excellence, creating new businesses and global enterprise development.

The donation of Rs.100 crores made by JAL will cover the cost of project management, architect, civil engineers fee and the cost of furniture and fixtures etc. However, any amount required beyond Rs.100 crores will be arranged and borne by the DTU.

Some of the salient features of the proposal are as follows –

- i. DTU shall earmark a minimum of 10 acres of land within the DTU Campus to locate the first phase buildings and also to have enough space for future expansions.
- ii. The whole project is proposed to be completed and made functional within two years from starting the construction.
- iii. The first batch with intake 250 will start from the year 2014-15 which will reach 750 by 2016. The total strength of the students shall be 1500 at any given time from 2017 onwards.
- iv. A minimum fee of Rs.5 lakhs for two years course for the first batch to be admitted for 2014-16 shall be fixed and for the subsequent batches the minimum fee would be Rs.6 lakhs.
- v. Admissions shall be made strictly on merit and based on CAT Entrance Examination like that for IIMs.
- vi. There should be no outside/Govt. interference in running the Institution.
- vii. 5% of the intake each year will be earmarked for meritorious students belonging to poor and low income families who shall be awarded scholarships.
- viii. Every year 2% of intake or 10 students, whichever is lower shall be admitted in the institute on the recommendation of JAL

The Board deliberated on the issue at length and finally went through the terms and conditions of MoU for donation to the University and suggested further modifications in the MoU approved by the Finance Committee. The following modifications were suggested :-

Clause 4 : 'ISM' in 3rd line shall be substituted by 'ISB'.

Clause 5 (a) : 'including' written in 2nd line shall be substituted by 'which shall include' and 'fitting' be added after 'furniture' in the 7th line

Clause 5 (b) : 'nominees' in 4th line will be replaced with 'one nominee' and 'senior nominee of JAL in the Construction' shall be substituted with 'Project Management'

Clause 5(c) : will be substituted as follows -

' Rates, prices, terms and conditions for all contracts and purchase of any item for construction of the buildings shall be finally approved by Project Management Committee. The Project Management Committee having one representative of JAL shall have full control over payment to contractors, architect, civil engineers and others. However, architectural and structural lay outs and other drawings will be provided by DTU duly approved by them and JAL along with the Architect. Further, accounts will be maintained and construction supervised by the Project Management Team.

Proper construction and payment procedure will be prepared by JAL and forwarded to DTU for comments; then will be finalized.'

Clause 6 : 'upto' will be added between 'preferably' and '15 acres' in 1st line

Clause 8 : 'Joint' written in 2nd line and 'and' written in 3rd line shall be deleted. 'the joint' written in 7th line will be substituted by 'this'. ;JAL will found necessary' written at the end of clause shall be deleted.

Clause 12 : "at DTU campus" in the last line will be substituted with "to the DTU campus"

Clause 14 : '/government' written in the 1st line shall be deleted. 'reputed world class management institutes similar to' be added before IIMs in 3rd line. 'upto' be inserted between 'year' and '5%' in the 3rd line.

Clause 15 : 'This is however, subject to the provisions of the law of the land and decision of Hon'ble Supreme Court in similar such cases' be added at the end in the 4th line.

Clause 26 : line 4-6 shall be substituted as follows –

'committee comprising of two members from each side and an eminent educationist acceptable to DTU and JAL as Chairman to cause the desired breakthrough by revamping the administrative and academic structure through mutual consultation/discussions.

The recommendation of this Committee shall be considered for implementation by the BoM of DTU. A nominee of JAL shall be invited in the meeting of BoM as special invitee in which the recommendation of the above committee shall be considered.'

Decision : The Board approved the proposal to received the donation of Rs.100 crore from JAL for establishing a world class Institute of excellence in Management Education and to name the institute as Dr. Sita Ram Jindal Institute of Management (SJIM) with the above amendments in the terms and conditions of the MoU. An amended copy of the terms and conditions of MoU, as approved by the Board, is annexed.

Agenda 8.9 (a) : Waiving off of Tuition Fee in respect of Technical Staff admitted under M.Tech. (Part time) Program in the University

It was submitted for information of the Board that Mr. Maneesh Kumar Gupta, Jr. Mechanic, Department of Mechanical Engineering, DTU has been admitted in M.Tech (Thermal) Part Time Program. He has approached the University for exemption of tuition fee. The technical staff was being allowed exemption of tuition fee for joining Delhi University courses. The Delhi Technological University has not formulated any policy as such in the matter.

The Board, in the case of Shri Shyam Agarwal, who had joined the Ph.D. program in the University, has allowed waiver off full tuition fee as a special case with the stipulation that it should not be quoted as a precedent.

The Board considered the proposal and approved.

Decision : The Board approved Waiving off of Tuition Fee in respect of Shri Maneesh Kumar Gupta, Junior Mechanic, Department of Mechanical Engg. admitted under M.Tech. (Part time) Program in the University

Agenda 8.9 (b) : Waiving off of Tuition Fee in respect of Technical Staff admitted under B.Tech. (Evening) Program in the University

It was submitted for information of the Board that Mr. Desh Raj, Jr. Mechanic, Mechanical Engineering Department, DTU has been admitted in B.Tech (Evening) Program. He has approached the University for exemption of tuition fee. The technical staff in the erstwhile DCE was being allowed exemption of tuition fee for joining Delhi University courses. The Delhi Technological University has not formulated any policy, as such, in the matter.

The board, in the case of Shri Shyam Agarwal, who had joined the Ph.D. program, in the University has allowed waiver off full tuition fee as a special case with the stipulation that it should not be quoted as a precedent.

The board considered the proposal and approved.

Decision : The Board approved Waiving off of Tuition Fee in respect of Shri Des Raj, Junior Mechanic, Department of Mechanical Engg. admitted under B.Tech. (Evening) Program in the University

Agenda 8.10 **Extension of Services of Dr. J.P. Kesari, Associate Professor on foreign service under special mode of appointment.**

It was submitted for information of the Board that Dr. J. P. Kesari who was offered the post of Associate Professor for a period of two years under Special Mode of Appointment, joined the University on 31.8.2010. The period of two years will be expiring on 30.8.2012. To consider further extension on foreign service, an expert Committee was constituted under the Chairmanship of Padmshree Prof. K.L. Chopra, Hon'ble Member BOM, DTU. The committee met on 2.8.2012.

The committee considered in details the activities pursued by Dr. J.P. Kesari and the achievements and accomplishment made during the last two years in respect of teaching, R& D and other activities including collaborating programs, Seminars / workshops etc. and recommended that Dr. J.P. Kesari may be given the extension as Associate Professor **for another period of Two years** in view of a number of major initiatives initiated by Dr. Kesari including the collaborative tie-up with MNRE GOI, Tokyo Institute of Japan and for bringing the project for 100KW Solar PV Lighting at DTU in addition to assigned teaching responsibilities.

The Committee further recommended that DTU should absorb Dr. Kesari in a regular position as Associate Professor in the department of Mechanical Engineering which is a subject matter of examination and therefore, will be taken up separately in due course.

Decision : The Board approved extension of service of Two years in respect of Dr. J.P.Kesari, Associate Professor, Mechanical Engg.

SUPPLEMENTARY AGENDA

Supplementary Agenda 1 : Amendment in Recruitment Regulations in respect of Section Officer

The University has created 10 posts of Section Officers in addition to 2 posts of Superintendent of erstwhile DCE which has been re-designated as Section Officer. The Recruitment Regulations for the same were got approved and notified vide Order No.21/DTU/OSD/RR-Supp.Staff/09/5573-77 dated 8.7.2010. In order to absorb the persons appointed on deputation or to get the persons appointed on absorption basis in the University as Section Officer in the near future, it intends to add **absorption/transfer** also as one of the modes of appointment against 50% quota meant for direct recruitment/transfer on deputation. It will facilitate the University to appoint officers in the University on transfer or absorb the Section Officers who are appointed by transfer on deputation and willing to get absorbed in the University on regular basis. Accordingly, a copy of the amended Recruitment Regulations is annexed.

The Board may like to approve the amendment in the Recruitment Regulations for the post of Section Officers as proposed.

Supplementary Agenda 2 : Contribution for organising Global Alumni Conclave-2013 by Pan DCE DTU

PAN DCE DTU under AIGUS of International Alumni Advisory Committee (IAAC) of DTU successfully organise the first Global Alumni Conclave on January 7-8, 2012. IAAC has decided to continue its event every year and planning to organise the conclave-2013 on January, 19-20, 2013 with theme **Revitalizing India for a Better Tomorrow**. The expected expenditure for organising the conclave as Rs.1.5 Crore, which shall be arranged through donations and sponsorship from the corporate of Alumni's. The PAN DCE DTU has made a request to the University for a support amounting to Rs.10 Lakhs for initiating the activity for the G.A.C. 2013.

In the matter it is informed that an amount of Rs.7 Lakhs was approved by the Board as contribution from the University for organising the G.A.C.-2012. The event has facilitated a networking among students, faculty of the University with the Alumni within and outside country. It enhanced an opportunities for internship and a donation of Rs.50 Lakhs from one of the distinguish alumni Shri Durga Das Agarwal.

Board may like to approve the contribution of Rs.10 Lakhs from the University to Pan DCE DTU for organizing Conclave-2013.

1.	Name of the post	Section Officer
2.	No. of post	12
3.	Scale of pay	PB-2 Rs 9300-34800 with GP of Rs 4800 (Pre-revised – Rs 6500-10500)
4.	Age limit for Direct Recruitment	Preferably below 35 years
5.	Educational and other qualification required for direct recruitment	<p>Essential Master's degree with atleast six years of experience in the related field in PB-2 of 9300-34800 with GP of Rs 4200/- in an equivalent status having total comparable emoluments in a University/Government department/autonomous body/public sector undertaking/ recognized educational institution;</p> <p style="text-align: center;">OR</p> <p>Bachelor's degree with at least eight years of experience in the related field in PB-2 of 9300-34800 with GP of Rs 4200/- in an equivalent status having total comparable emoluments in a University/Govt. Department/ Autonomous Body/ Public Sector undertaking/Educational institution.</p> <p>Desirable : Good working knowledge of computer applications.</p>
6.	Period of probation (if any)	Two year
7.	Method of recruitment, whether by direct recruitment or by promotion or by deputation and percentage of the posts to be filled by various methods	<p>50% by Direct/Contract/Transfer on Deputation/Absorption/Transfer</p> <p>50% by Promotion/Transfer on Deputation failing which by Direct Recruitment</p>
8.	In case of recruitment by promotion/ deputation, grade from which promotion / deputation to be made	<p>For Promotion: From amongst the Senior Office assistants with 3 years service in the grade.</p> <p>For Deputation</p> <p>(i) Person holding analogous posts in relevant area in similarly placed institutions/organizations/University</p> <p style="text-align: center;">OR</p> <p>(ii) The official of the University and R&D organizations and similarly placed institutions in the pay scale of Rs 9300-34800 GP of Rs 4200/- with at least 5 years regular service in the cadre;</p> <p>Period of Deputation : Initial period of deputation will be 2 years which may be extended for one year in consultation with the borrowing department.</p> <p>Note : Their selection will be based on their performance at the interview, service record, ACRs and written test, if required etc.</p>

Supplementary Agenda No. 3:**To Streamline the structure of Administrative Posts in consonance with the UGC.**

Matter pertains to existing and proposed administrative structure for better administrative efficiency in DTU in consonance of provisions of various acts and guidelines of UGC and other approving bodies for future growth of DTU and its non-teaching academic staff.

DTU was established vide Delhi Act 6 of 2009 by upgrading the DCE which was a college under direct administrative control of Govt. of NCT of Delhi through DTTE, the DTU is established with a vision of creating a non-affiliating world class University for imparting technical education, creating environment and facilities for research and promoting young minds for innovation in futuristic technologies relevant for betterment of human life with sustainable co-existence with nature.

During the short span of three years, the University has created a niche in technical education imparting institutes arena in India and abroad. To achieve growth in this direction as envisaged by far sighting technical experts of DTU, following non-teaching academic posts were created by Board of Management and notified vide Order No.F-1/12/(1)DTU/Stat/09 dated 29.10.2009 (copy placed opposite).

S. No.	Nomenclature of post	No. of Posts	Total No. of posts already Created	Pay Scales (Pre-Revised)
1.	Controller of Examination	1	1	Rs.16400-22,400
2.	Jt. Registrar (Admn)	1	2	Rs.14300-20,000
3.	Jt. Registrar (Academic)	1		
4.	Dy. Registrar (Academics)	1	5	Rs.12000-18,300
5.	Dy. Registrar (Store & Purchase)	1		
6.	Dy. Registrar (Finance & Accounts)	1		
7.	Dy. Registrar (Project cum Estate & Engg)	1		
8.	Dy. Controller of Examination	1	4	Rs.10,000-15,200
9.	Sr. Asstt. Registrar (Gen. Admn.)	1		
10.	Sr. Asstt. Registrar (Recruitment)	1		
11.	Sr. Asstt Registrar (Council & Co-ordination)	1		
12.	Sr. Asstt. Registrar (Finance/Accounts)	1		

13.	Asstt. Controller of Exam (UG)	1	7	Rs.8,000-13,500
14.	Asstt. Controller of Exam (PG)	1		
15.	Asstt. Registrar (RTI, Vigilance, Legal	1		
16.	Asstt. Registrar (Planning/ Statistical Data)	1		
17.	Asstt. Registrar – Academic (UG)	1		
18.	Asstt. Registrar – Academic (PG)	1		
19.	Asstt. Registrar (IRD/Consultancy/ Alumni)	1		

The above-mentioned structure was proposed keeping in the mind a state level University having different departments for various administrative functions as mentioned in the above table.

At this juncture, when University has completed three years and has been applying for approvals such as NBA, 12 B of UGC etc., It is a need of the hour to streamline administrative hierarchy/structure of non teaching academic posts in the conformity with provisions of UGC and other approving bodies which will be a pre requisite for obtaining approvals.

After implementation of the Sixth Pay Commission, UGC has prescribed the structure of posts which needs to be followed in all the Universities. A visit of UGC team is also in pipeline regarding recognize DTU under 12 B. DTU has already submitted the proposal to the UGC in which it is also mentioned that DTU will follow the structure of administrative posts as prescribed by UGC.

As per UGC notification for structure of administrative posts in the Universities, following are the non-teaching academic posts:

1. Registrar
2. Deputy Registrar
3. Assistant Registrar

Accordingly, the posts of Joint Registrar and Sr. Assistant Registrars created earlier become superfluous. Keeping in view the structure prescribed by the UGC for administrative posts, some of the posts like Joint Registrar and Sr. Assistant Registrar which are mentioned at serial numbers 2,3,9,10,11,12 are not in the conformity. After making the above provisions, the new proposed posts structure in consonance with the UGC guidelines is as under:

Existing Nomenclature of post	No. of Posts	Proposed Nomenclature of post	No. Posts
Controller of Examination	1	Controller of Examination	1
Jt. Registrar (Admn)	1	Dy. Registrar	7
Jt. Registrar (Academic)	1		
Dy. Registrar (Academics)	1		
Dy. Registrar (Store & Purchase)	1		
Dy. Registrar (Finance & Accounts)	1		
Dy. Registrar (Project cum Estate & Engg)	1		
Dy. Controller of Examination	1		
Sr. Asstt. Registrar (Gen. Admn.)	1	Asstt. Registrar	11
Sr. Asstt. Registrar (Recruitment)	1		
Sr. Asstt Registrar (Council & Co-ordination)	1		
Sr. Asstt. Registrar (Finance/ Accounts)	1		
Asstt. Controller of Exam (UG)	1		
Asstt. Controller of Exam (PG)	1		
Asstt. Registrar (RTI, Vigilance, Legal	1		
Asstt. Registrar (Planning/ Statistical Data)	1		
Asstt. Registrar – Academic (UG)	1		
Asstt. Registrar – Academic (PG)	1		
Asstt. Registrar (IRD/Consultancy/ Alumni)	1		

Therefore, it is proposed that by abolishing the 2 (Two) posts of Joint Registrars may be merged in the pay scale and nomenclature of Deputy Registrar. On the same lines, 4 (four) posts of Sr. Assistant Registrar may be abolished and merged in the pay scale and nomenclature of Assistant Registrar. In case the posts of Joint Registrar & Senior Assistant Registrars are merged with the posts of Deputy Registrar and Assistant Registrar respectively, then it will not only save expenditure on salary part but will also increase the administrative efficiency and there will be no extra financial burden on the part of the University.

The posting of the incumbents recruited against the above-mentioned posts may be made as per requirements. In GGS Indraprastha University also, there are no classification on the basis of department. All incumbents are inter-transferable to any branch/ department as and when required for better management or as desired by the Competent Authority. As such, Assistant Controller of Examination and Deputy Controller of Examination can be merged with the post of Assistant Registrar and Deputy Registrar respectively. It will create a parallel cadre within University system and any person working for whole life in a sensitive branch like examination may lead to patronization of a particular branch, indispensability with a few persons, corruption and mal practices. Hence, the post of Assistant Controller of Examination be merged with Assistant Registrar and Deputy Controller of Examination with Deputy Registrar for better control & management of administrative system with flexibility to inter transfer the officers among the various departments/branches.

To meet the current requirements for administrative responsibilities of a University, almost 20 different departments are required such as Estt.-1 for faculty, Estt.-2 for Non-Teaching, Recruitment, Legal, Vigilance, RTI, Coordination, Planning, Academic-UG, Academic-PG, Academic Scholarships, Acad.-Evening(Part-Time), Sports, General Administration, Estate, Stores, Purchase, Examination-UG, Examination-PG, Exam-Secrecy, Results, Student Affairs, Maintenance, Accounts, Audit, Public Relation, Training & Placement, Hostel Office, IRD, Consultancy, Alumni, Council, Student Welfare, Hostels, Audit, Security etc. And putting our limited non-teaching academic human resources, i.e., Assistant Registrar, Deputy Registrar etc., within the narrow boundaries of defined cadres will not support growth prospects and better career opportunities. Therefore, only one cadre as per provisions of UGC, i.e., Assistant Registrar and Deputy Registrar is advisable for better human resource management and smooth functioning of the University system. Under this arrangement, an Assistant Registrar and Deputy Registrar will be liable to be posted in any of the branch or may hold the additional charge of one or more than one branch(es). To achieve this arrangement or hierarchy, all other posts as defined in earlier order be merged into one cadre, i.e., Asstt. Registrar and Dy. Registrar. This proposal may not be treated as a new proposal/arrangement, it may be treated as a rearrangement/re-allocation for earlier created posts for effective human resource management. At the time of upgrading from DCE to DTU, the requirements were assessed on department wise and accordingly name of the department/ branches were mentioned against each post of Assistant Registrars, Sr. Assistant Registrars, Dy. Registrars, Joint Registrars. After merger of these posts, there will not be any financial burden on the budget head of salary of the University.

Further, it is also submitted that 02 posts of Joint Registrar (Admn. and Academic) was created in the University. At present, Dr. K. Singh, the then Administrative Officer, is holding the designation of Joint Registrar (Admn.) without any financial benefit/ pay scale of Joint Registrar. Therefore, Dr. K. Singh may continue to hold the designation of Joint Registrar till his retirement.

In continuation of the above proposal, the following Recruitment Rules are proposed for the post of Deputy Registrar:

1 NO. OF POSTS: 7 (SEVEN)

2 ELIGIBILITY :

a) For Direct Recruitment:

Qualifications: Master's Degree with at least 55% of the marks or its equivalent grade of 'B' in the UGC 7 point scale.

Experience:

- i. Nine years' of experience as Assistant Professor in the AGP of Rs. 6000/- and above with experience in educational administration **OR**

Comparable experience in research establishment and/or other institutions of higher education

OR

- ii. Five years of administrative experience as Assistant Registrar or an equivalent posts in the relevant field.

OR

- iii. Eight years of experience out of which, 03 years experience as Assistant Registrar or equivalent and 05 years of experience in pay scale of Rs.6500-10500 (Pre-Revised) or equivalent/ higher, in administrative/ supervisory / research/ teaching.

b) For Promotion:

Eight years of experience out of which, 03 years experience as Assistant Registrar in DTU and 05 years of experience in pay scale of Rs.6500-10500 (Pre-Revised) or equivalent/ higher, in administrative/ supervisory / post- qualification research/ teaching.

3 MODE OF RECRUITMENT:

75% by promotion;

25% by direct recruitment failing which by deputation

The Board may like to approve the above agenda.

Supplementary Agenda 4:- Establishment of a Department of Renewable Energy Technology under Delhi Technological University with sponsorship and support of Ministry of New & Renewable Energy, Govt. of India.

While signing a MoU between Delhi Technological University and Solar Energy Centre of Ministry of New & Renewable Energy, Govt. of India on May 22nd 2012, the Secretary MNRE, GOI desired that there should be a full fledged Department of Renewable Energy Technology at Delhi Technological University which will be financially supported by MNRE to carry out Undergraduate, Post Graduate teaching research and innovation in the field of Renewable Energy Technology.

The salient points of this Department will be as follows:

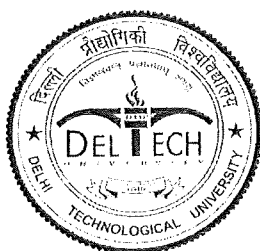
1. To provide higher education on Renewable Energy Technology;
2. To engage in Research & Development in Solar Photovoltaic and Solar Thermal, Biomass and other Renewable Energy Technologies;
3. To promote Renewable Energy Innovation Park;
4. To carry out training programme(s) in the field of Renewable Energy Technology;
5. To Collaborate with Industries and any other national and international agencies related to promotion of education and research.

The detailed proposal is enclosed.

Board of Management may like to approve the establishment of a Department of Renewable Energy Technology at DTU with sponsorship and support of Ministry of New & Renewable Energy, Govt. of India.

Proposal
for
**Setting up a Department of Renewable Energy
Technology at Delhi Technological University**

Proposed by



Delhi Technological University
Shahbad Daulatpur
Bawana Road
Delhi – 110042

Knowledge Partners:

Solar Energy Centre (SEC)
Bergen Group
Tokyo Institute of Technology
Toyo Engg., Japan
Ricoh, Tokyo, Japan

Submitted to
**Ministry of New & Renewable Energy,
Govt. of India**

1. INTRODUCTION

Renewable energy has a central place in India's National Action Plan on Climate Change with Solar Mission as one of the key mission. Further, with well developed industrial, financing & business infrastructure, India is perceived as an excellent country for developing clean development mechanism (CDM) projects.

Energy is vital for improving the quality of human life of every nation. The growing scarcity of conventional fuels & their adverse ecological & environmental impacts have raised global interest in harnessing various renewable energy sources, which will be very important for future energy supply strategy of entire world.

Availability of adequate manpower and appropriate resources is crucial for success in these endeavors. Providing renewable energy education at all required levels in an efficient & effective manner is a challenging task.

Low Carbon Technologies and Promotion of Renewable Energy Sources are two important thrust areas identified by Govt. of India as part of energy security missions. We are living in a world of rapidly depleting fossil fuel resources with access to conventional energy resources becoming constrained.

DTU on its part has to build India's core competence in Renewable Energy Sector and we must get ready to meet the challenges in 21st century. Our dream is that India should become a country which can generate its own power through green sources, where everyone has access to clean and green energy. India should become a torch bearer of eco-friendly habitats, which aim at complete carbon neutrality.

2. AIMS AND OBJECTIVES:

- Bring together thought leaders, research groups and experts to reflect on futures research, action plans and agenda, and pool resources in climate change mitigation through the applications of renewable energy sources.
- Strengthen Multi disciplinary Research programmers involving social science, natural science, engineering and economics and helping scholars and academicians, public and private stock holders to make an impact with low carbon solution in societies.
- Development of human resources at post graduate level in the area of R.E.T. (Renewable Energy Technology).
- Organize workshops /conferences /Training to Government Officers/ NGO's, Social Workers, women entrepreneurs, Teachers and Students from Colleges/Universities/Polytechnic/ITI's.
- Develop Collaborative and partnership programs with likeminded stakeholders and partners.
- Joint collaborative programmes with Industries, Commercial and Business Organizations.

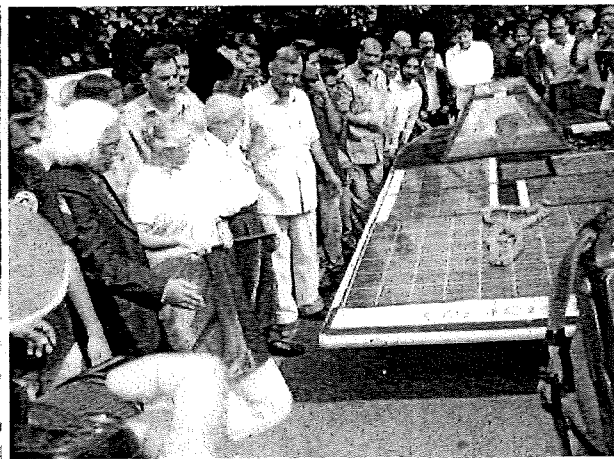
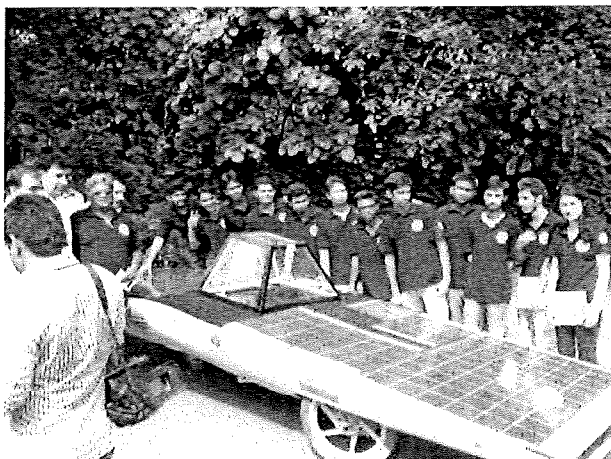
3. HIGHER EDUCATION:

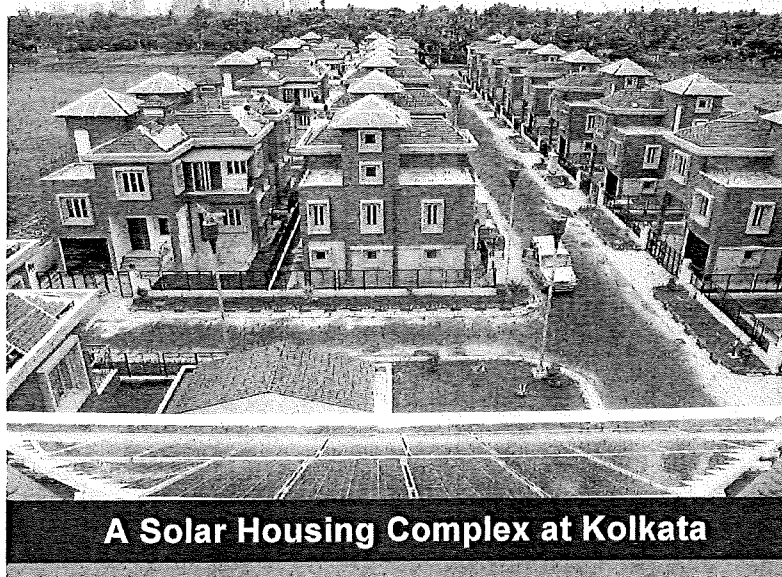
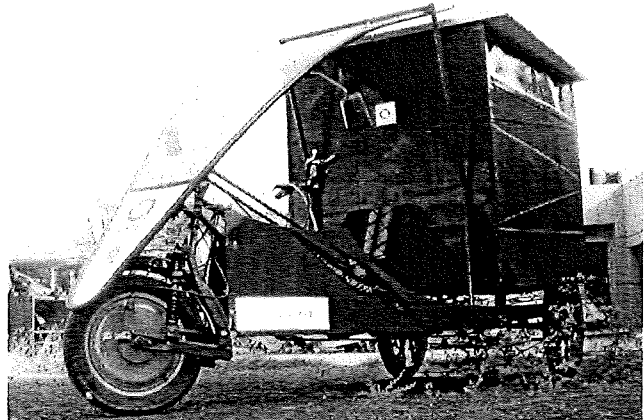
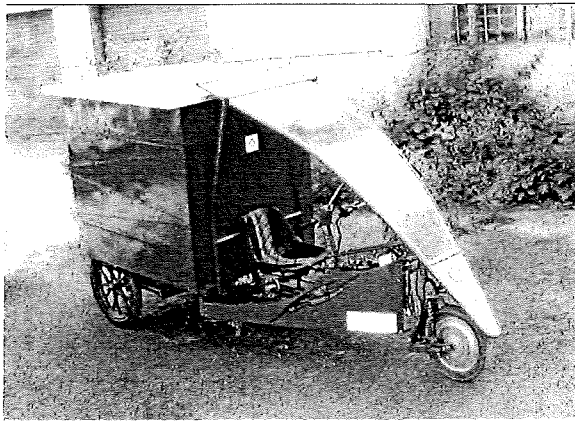
- B. Tech. (Energy Technology)
- M. Tech. (Renewable Energy Technology)
- PhD Programme with specialization in Solar Thermal and Photovoltaic Energy Technology, hydropower, wind power ,Solar Desalination, Geothermal Energy, Biomass gasification & micro Hydel system
- PGDM in relevant area of Renewable Energy

4. THE BROAD AREAS TO BE PURSUED FOR R & D IN THE PROPOSED DEPARTMENT:

(a) Solar Photovoltaic

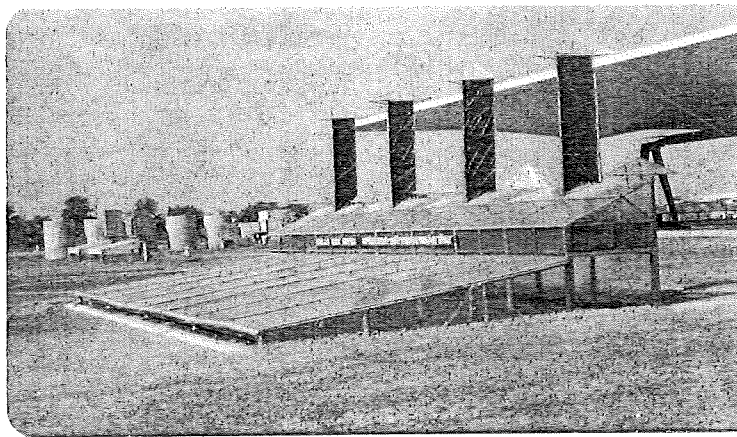
- Use of solar photovoltaic in the development of solar rickshaw, passenger car
- Fundamental research in PV-related materials and cost reduction;
- Development of PV cells from several material systems;
- Characterization of PV cells, modules, and systems to improve performance and reliability;
- Development of standardized tests and performance models for PV devices;
- Developing advanced concentrating photovoltaic technologies
- Helping the PV industry to accelerate manufacturing capacity and commercialization of various PV technologies.



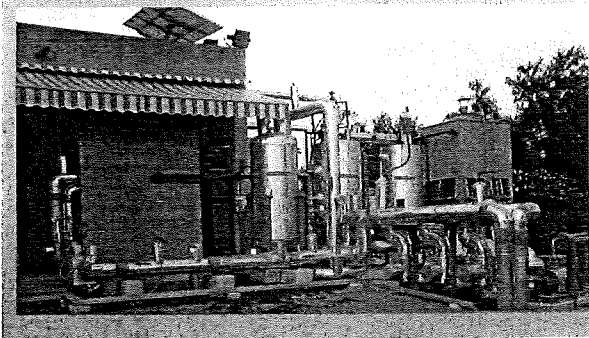


(b) Solar Thermal Energy

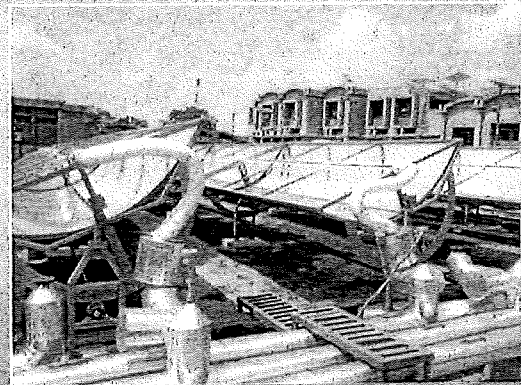
- Cross Linear Concentrated Solar Power technology for solar process heat, refrigeration and electrical power generation.
- Cost and performance of solar air heating thermal systems.
- Solar process heat and space cooling.
- Concentrating solar systems for steam generation for cooking.
- Development of new designs and manufacturing processes for solar components and systems with an emphasis on improved performance, reliability and service life.
- Research on lowering the cost of solar water heating systems.
- Prototype development of systems through modeling and optimization.
- Characterization of the system's performance, and accelerated materials durability testing.



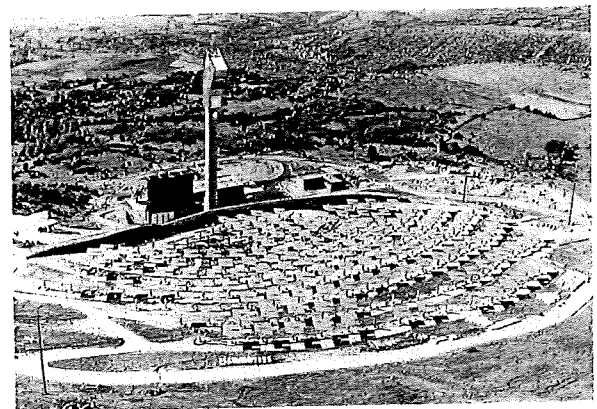
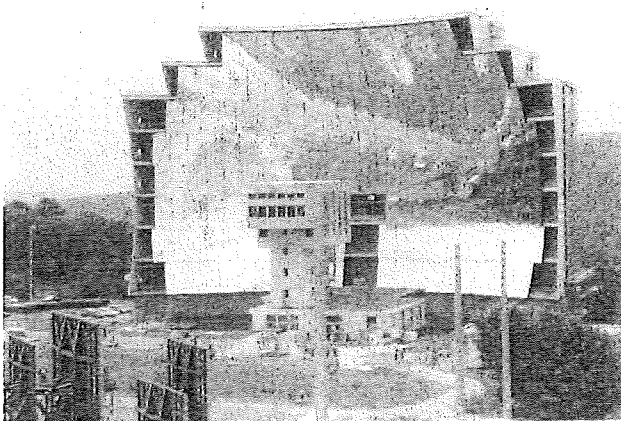
DTU
 Delft University of Technology
 UNIVERSITY



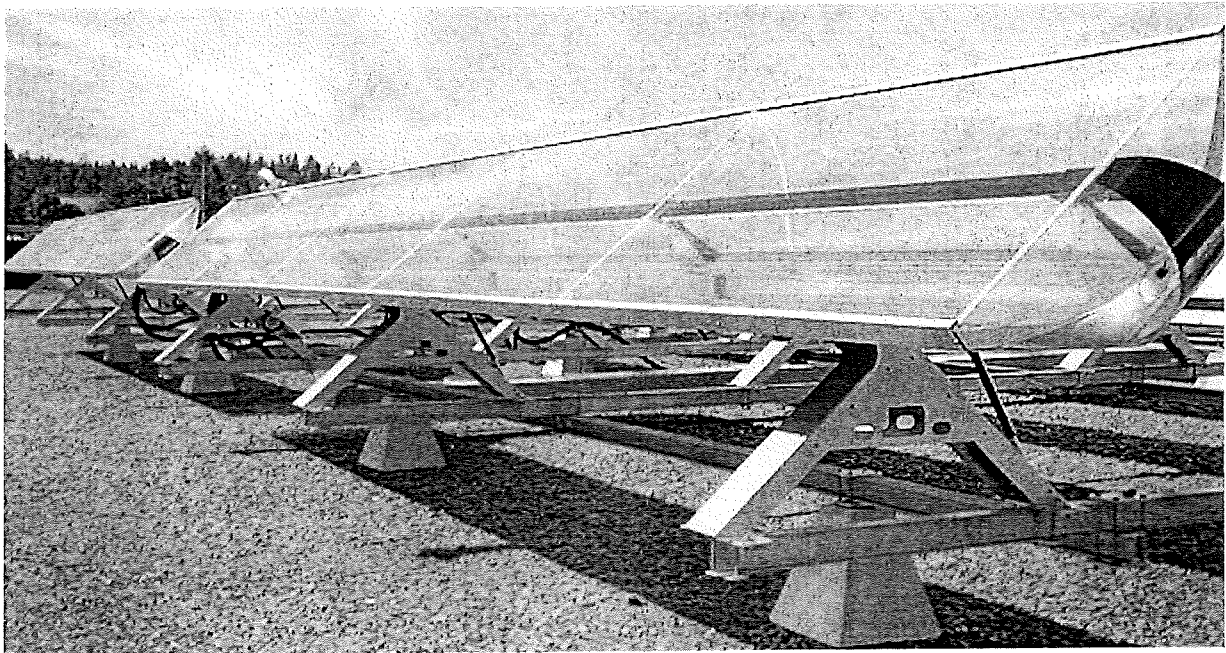
Solar Thermal Pilot Project in India



100kW Solar Air-Conditioning System at Solar Energy Center, Gurugram, India

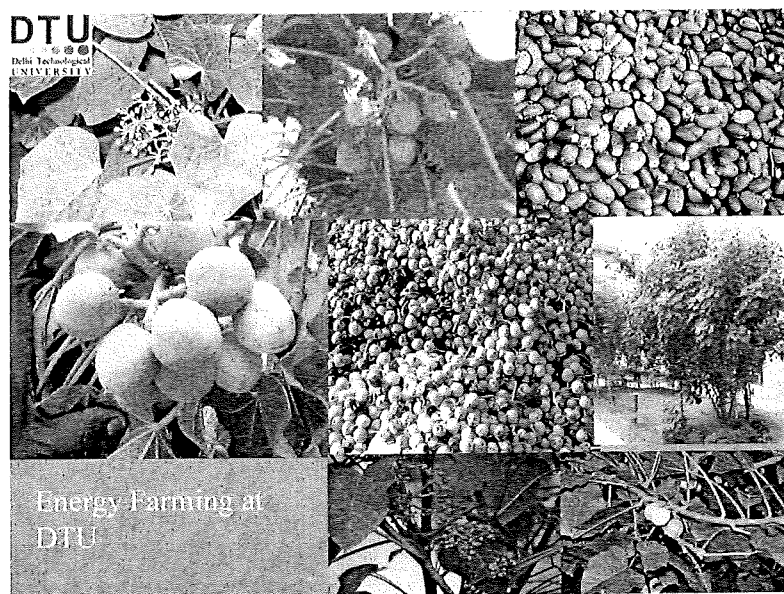


Vue générale depuis le Nord-Est



(c) Bio mass Energy Technologies:

- Bio Diesel production
- Biomass densified briquettes and pallets
- Gasifier and related Technologies
- CH₄ Production from Sanitary Land fill
- Biogas Generation from Kitchen, vegetables and Animal waste
- All kind of Vermi Composting productions



(d) Other Renewable Energy Technologies

- Wind Energy and Micro Hydel Energy
- Hydrogen and Fuel Cell technologies
- Carbon capture and storage Technologies
- Energy use and efficiency in buildings

5. RENEWABLE ENERGY INNOVATION PARK

This will be the front face of the proposed department and showcase the latest trends & technologies in Renewable energy area of relevance to the world.

- Solar Water Heating Applications
- Solar Air Heating Systems Applications.
- Large Scale grain Dryers.
- Residential and Office Space Heating.
- Fruit and Vegetable Drying for off seasons Applications.
- Solar Steam Cooking in DTU's Boys and Girls Hostels.
- Solar Cooling and Refrigeration for Library Buildings
- 1 Megawatt rooftop solar power generation in DTU's campus in 4 phases.
- LED street lighting systems.
- Information and Communications Technologies powered by SPV plant.
- Solar operated cars and vehicles and solar energy charged battery Operated vehicles including solar rickshaw having charging stations at DTU.

6. Training Programmes:

The department will conduct specialized training programmes for

- Students and faculties from Polytechnics/ Engineering colleges/ Universities
- NGO/RWA /central /state govt. employees etc.

7. Collaborations with National and International Organizations

The Department shall work in close cooperation with MNRE, & Solar Energy Center (SEC) and shall collaborate with world class Universities and Institutions in India & abroad. Special features of the collaborative program shall be focus on development of new and efficient technologies & collaborative research in new horizons of Renewable Energy.

8. Techno Innovation and Renewable Energy Promotion Workshop

9. Knowledge Partners of the proposed Department:

(a) Indian Knowledge Partner

- University & R&D Institutions
- Solar energy center, MNRE
- Bergen Group
- Sunborne Systems
- Thermax
- Rajiv Gandhi technological university, Bhopal

(b) International Knowledge Partners

- Tokyo Institute Of Technology, Japan
- Asia Pacific Sunbelt Development Association, Japan
- Toyo Engineering, Tokyo, Japan,
- Richo, Japan.
- Universitat Rovira I Virgili, Spain

10. DEPARTMENT ORGANISATIONAL STRUCTURE AND GOVERNANCE SYSTEM

Head: 1

No. of Professor: 2

No of Associate Professor: 2

No of Assistant Professor: 4

Laboratory Assistant: 2

11. BUDGET & FUNDING PATTERN

12. ACADEMIC PROPOSAL

M. Tech. in Renewable Energy Technology

With an increasing energy crisis and global climate change issues, renewable energy has occupied a prominent position in industry & international relations in recent years. This has resulted in an increased demand for specialists and engineers in renewable energy. There are very few institutes in India that offer a structured programme to cover the diverse range of issues to meet this demand. These programmes are intended to fill the gap and provide the needed human resource capacity in renewable energy technology. This programme will be jointly conducted by DTU & Solar Energy Center and will lead to a specialization in renewable energy technology.

Eligibility Criteria

A Bachelor's degree in any branch of engineering or M.Sc. in Physics with a minimum 60% marks in aggregate or equivalent cumulative grade point average as per DTU norms.

Selection Procedure

1. **Regular:** Admission will be based on the performance in GATE Score & interview. (No. of seats 10)
2. **Sponsored:** Admission will be based on the performance in qualifying degree, written test & interview. (No. of seats 10)
3. **Part-Time:** Admission will be based on the performance in qualifying degree, written test & interview. (No. of seats 05)

Course Structure

SEMESTERE-I

- Optimisation Techniques
- Conventional energy resources, Economics & Environment
- Renewable energy Technology-I (Solar & Wind)
- Solar Photovoltaic Technology
- Solar Photovoltaic Technology-Lab

(Solar cell characterization and Photovoltaic Testing Facility in collaboration with Solar Energy Centre, Gwalpahari)

SEMESTERE-II

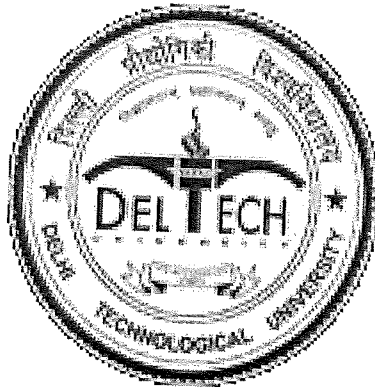
- Solar Thermal Engineering
- Renewable Energy Technology-II (Biomass, Geothermal & OTEC)
- Energy Efficiency & Management
- Solar Thermal Engineering Lab (Solar Thermal Power Testing, Research & Simulation Facility, Parabolic Dish Collectors & Solar Cooling at Solar Energy Centre, Gwalpahari, MNRE)
- Self Study Open Area Seminar

SEMESTERE-III

- Solar refrigeration & Air Conditioning
- Energy System Modeling & Simulation
- Cogeneration & Waste Heat Recovery
- Energy Efficient buildings & System
- Emerging Technologies for Climate Change Mitigation (carbon capture, algal conversion, electric vehicles, hydrogen etc.)

SEMESTERE-IV

In final semester, the student is required to take a major project in an industrial establishment or a research consultancy organization dealing with renewable energy as an independent study under the supervision of a faculty member at DTU & a professional from the other organization.



DELHI TECHNOLOGICAL UNIVERSITY

**Supplementary Agenda
of the 8th Meeting of the**

Board of Management

of DTU, Delhi

DTU Campus, Shahbad Daulatpur, Bawana Road, Delhi

DTU: ~~Minutes~~ of 8th BOM Meeting, 16.08.2012
SAgenda.

Supplementary Agenda 1 : Amendment in Recruitment Regulations in respect of Section Officer

The Board was informed that the University has created 10 posts of Section Officers in addition to 2 posts of Superintendent of erstwhile DCE which has been re-designated as Section Officer. The Recruitment Regulations for the same were got approved and notified vide Order No.21/DTU/OSD/RR-Supp.Staff/09/5573-77 dated 8.7.2010. In order to absorb the persons appointed on deputation or to get the persons appointed on absorption basis in the University as Section Officer in the near future, it intends to add **absorption/transfer** also as one of the modes of appointment against 50% quota meant for direct recruitment/transfer on deputation. It will facilitate the University to appoint officers in the University on transfer or absorb the Section Officers who are appointed by transfer on deputation and willing to get absorbed in the University on regular basis.

The Board deliberated on the issue and approved the amended RRs with the stipulation that a minimum of three years service should be rendered by the incumbent before being considered for absorption through a Committee to be constituted by the Board.+

Decision : The Board approve the amendment in the Recruitment Regulations for the post of Section Officers with the stipulation the incumbent Section Officer on Foreign Service to the University should have rendered a minimum of three years service before being considered for absorption through a Committee to be constituted by the Board.

Supplementary Agenda 2 : Contribution for organising Global Alumni Conclave-2013 by Pan DCE DTU

The Board was informed that PAN DCE DTU under AIGUS of International Alumni Advisory Committee (IAAC) of DTU successfully organise the first Global Alumni Conclave on January 7-8, 2012. IAAC has decided to continue its event every year and planning to organise the conclave-2013 on January, 19-20, 2013 with theme **Revitalizing India for a Better Tomorrow**. The expected expenditure for organising the conclave as Rs.1.5 Crore, which shall be arranged through donations and sponsorship from the corporate of Alumni's. The PAN DCE DTU has made a request to the University for a support amounting to Rs.10 Lakhs for initiating the activity for the G.A.C. 2013.

In the matter it is informed that an amount of Rs.7 Lakhs was approved by the Board as contribution from the University for organising the G.A.C.-2012. The event has facilitated a networking among students, faculty of the University with the Alumni within and outside country. It enhanced an opportunities for internship and a donation of Rs.50 Lakhs from one of the distinguish alumni Shri Durga Das Agarwal.

Decision : The Board approved the contribution of Rs.10 Lakhs from the University to Pan DCE DTU for organizing Conclave-2013.

Supplementary Agenda 3 : To streamline the structure of administrative posts in consonance with the UGC

Decision : The Board deferred the agenda to be taken up later.

Supplementary Agenda 4 : Establishment of a Department of Renewable Energy Technology under Delhi Technological University with sponsorship and support of Ministry of New & Renewable Energy, Govt. of India.

The Board was informed that while signing a MoU between Delhi Technological University and Solar Energy Centre of Ministry of New & Renewable Energy, Govt. of India on May 22nd 2012, the Secretary MNRE, GOI desired that there should be a full-fledged Department of Renewable Energy Technology at Delhi Technological University which will be financially supported by MNRE to carry out Undergraduate, Post Graduate teaching research and innovation in the field of Renewable Energy Technology.

The salient points of this Department will be as follows:

- To provide higher education on Renewable Energy Technology;
- To engage in Research & Development in Solar Photovoltaic and Solar Thermal, Biomass and other Renewable Energy Technologies;
- To promote Renewable Energy Innovation Park;
- To carry out training programme(s) in the field of Renewable Energy Technology;
- To Collaborate with Industries and any other national and international agencies related to promotion of education and research.

Decision : Board of Management approved the proposal in principle.

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

(Prof. A. K. Gupta)
Registrar

To

1. Pr. Secretary to Hon'ble Lt. Governor, Delhi, Raj Niwas, Delhi.
2. Pr. Secretary to Hon'ble Chief Minister, Delhi Secretariat, I.P. Estate, New Delhi.
3. Prof. P.B. Sharma, Vice Chancellor, Delhi Technological University.
4. Prof. Moin-Uddin, Pro Vice Chancellor, Delhi Technological University
5. Shri. D. M. Spolia, Principal Secretary (Finance), Govt. of NCT of Delhi, Delhi Secretariat, I. P. Estate, New Delhi – 110 002.
6. Shri Lalmalsawma, Pr. Secretary, DTTE, Govt. of NCT of Delhi, Pitam Pura, Delhi.
7. Padamshree Prof. K.L. Chopra, Former Director IIT Kharagpur, M-70, Kirti Nagar, New Delhi.
8. Prof. D.V. Singh, Former Vice-Chancellor, University of Roorkee, Flat No. 1002-B, Sunbreeze Apartments, Vaishali, Sector-5, Ghaziabad (U.P.)
9. Prof. R.S. Nigam, (Former Director Delhi School of Economics, Delhi University), 62, Vaishali, Pitam Pura, Delhi.
10. Prof. Asok Bhattacharyya, Professor, Electronics and Communication Engg., DTU
11. Prof. Asok De, Professor, DTU and Director, NIT, Patna
12. Prof. S. Maji, Dean (IRD), Delhi Technological University
13. Prof. N. K. Jain, Dean(CE), Delhi Technological University
14. Shri Devinder Raj Narang, Chairman, Freeplay Energy India Pvt. Ltd., 28, Sardar Patel Marg, New Delhi.