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2nd Mar 2016

To
The Vice Chancellor
DIAT, DU
Pune

**Sub : Minutes of the 8th Meeting of Governing Council held on 14th Feb 2016 at
Development Enclave, New Delhi**

Reference your mail dt. 19th Feb 2016.

- Secretary, Deptt. of Defence R&D Chairman Governing Council DIAT, has concurred the draft Minutes of the 8th GC meeting held on 14th Feb 2016. The same are being forwarded h/w for issue please.
- Please take note of minor corrections under Para "Members" and "Invitees".

CENTRAL (INWARD) REGISTRY DIAT (DU) PUNE - 411025	
Dept./Section to which forwarded	VC
Inward No.	4
Date	14/03/16
Sign. of Asst.	<i>[Signature]</i>

[Signature]
(VK Singh)
Jt Dir/HRD
for Director

*Registered (DID)
for*

→ Mr. Anayjeet
[Signature]
15/3/16

VC SECRETARIAT, DIAT (DU), PUNE -25	
[INK INWARD]	
NO.	527
DATE & TIME	15/Mar/16
MARKED TO	

MINUTES OF THE 8th MEETING OF THE GOVERNING COUNCIL HELD ON 14 FEB 2016
AT DEVELOPMENT ENCLAVE, SHANKAR VIHAR, NEW DELHI

The following were present in the meeting:

Members

1	Dr S Christopher, Secretary, DDR&D	Chairman
2	Dr C P Ramanarayanan, DS & CC R&D (HR), DRDO	Member
3	Shri R G Viswanathan, Addl FA & JS R&D	Member
4	Maj Gen R K Jagga, VSM, ACIDS (TRADOC), Rep of DCIDS(DOT) IDS HQ	Member
5	Brig B Mukherjee, DDG MT(A), Rep of DCOAS (IS & T)	Member
6	Vice Admiral A R Karve, AVSM, COP, IHQ, MoD Navy	Member
7	Air Marshal S Neelakantan, YSM, VM, AOP, Air HQ	Member
8	Prof Indranil Manna, Director, IIT Kanpur	Member
9	Prof Uday B Desai, Director, IIT Hyderabad	Member
10	Dr S Pal, Vice Chancellor, DIAT	Member Secretary

Invitees: -

1	Shri Ashok Kumar, Dir, DHRD, DRDO	Spl Invitee
2	Ms Anita Sehgal, Addl Dir, DHRD, DRDO	Spl Invitee
3	Dr S E Talole, Dean (Technology), DIAT	Spl Invitee
4	Shri R A Jahagirdar, Finance Officer, DIAT	Spl Invitee
5	Shri T V Ananthasubramanian, Registrar I/C, DIAT	Spl Invitee
6	Col Sukhwinder Singh, Director, MT 10	

1. At the outset, the Chairman welcomed all the members to the newly reconstituted Governing Council. In his opening remarks he indicated that DIAT is an Institution created to meet the requirements of Services and DRDO by imparting Post-Graduate education and it is the responsibility of the Governing Council to contribute to the prosperity of DIAT.
2. The Vice Chancellor touched upon the historical aspects of the formation of DIAT till deemed to be university status conferred by UGC/MHRD and started functioning as a DU with Grant-in-aid from year 2006. The Institute now extends M.Tech Pgms in 9 generic streams with 20 specialisations which will soon increase to 24 and research programmes for award of PhD Degree. In addition, the MS by Research programme will be revived from this year.
3. The VC presented the status of Progress on the Minutes of the 7th GC Meeting. After a short discussion, GC confirmed the minutes of the 7th GC.
4. The following events / updates were reported to the GC:
 - a. **Conferences & Workshops:** GC was apprised about the INAE convention hosted by DIAT during 10-11 Dec 2015 and the National Conference on Electronics and

Computer Engg during 21-22 Jan 2016, being the two events in the last couple of months. The Council was also informed about the impending International workshop and Championship (Robotryst 2016) being organised in collaboration with Robosapiens Pvt Ltd and IIT Delhi during 22-27 Feb 2016.

- b. **TEIP:** DIAT initiated the Three Year Equipment Induction Plan (TEIP) to better equip the laboratories of technological departments and test facilities of DIAT in a planned manner. It is expected that the Institute will have excellent facilities for teaching, training and research in the next 2-3 years.
- c. **M.Tech Programmes:** DIAT has received AICTE approval for 8 generic M.Tech programmes with flexibility that the Institute can have as many specialisations as possible as per the needs of DRDO/MoD. During 2015, the Institute commenced courses in 3 specialisations i.e., Navigation Systems, Wireless Networks and Applications and Robotics.
- d. **MS By Research:** The MS by Research pgm is being revived from 2016 based on the requests from DRDO community.
- e. **NAAC & NBA Accreditation:** The Institute received NAAC accreditation with an overall Grade 'B' with a score of 2.86/4.

The 3 day Expert Team visit by NBA got over on 7th Feb 2016 and the results are awaited. The Expert Team was quite appreciative of the efforts by the Institute in overall maintenance of standards in Academics and facilities. The only observation has been that the student strength need to go up to have better stability.

- f. **Customised Pgms:** A detailed account of customised courses including the POINTS programme and the training programmes being extended to PSUs/ Ordnance Factories presented.
- g. **Publications & Projects:** The list of 31 projects undertaken by DIAT and the 23 patents filed by the Institute has been presented. It was explained that all the Patents are being transferred to DG, DRDO as approved.
- h. **M.Tech in Underwater Systems and Bio Sciences:** GC was reported that the M.Tech programme on Underwater Systems (UWS) proposed to be launched jointly with IIT Madras could not take off due to inadequate subscription by the stake holders. It has been decided to drop the proposal. Further, on the issue of M.Tech in Bio-Sciences & Technology, for want of adequate sponsorship, it was decided that same could be discontinued.

Decision: It was decided that both the programmes be dropped.

- i. **Faculty and Student Strength:** The Institute presently has a student strength of 231 M.Tech students spread over 2 years against a sanctioned strength of 750 (including on TM) and 139 PhD students which include Students from Services, DRDO, Def PSUs, DQA/DGQA etc. Conscious efforts are being made to enhance this strength in light of the AICTE approval for the generic streams which will promise Direct Benefit Transfer (Scholarship) to the students admitted to all the approved M.Tech programmes.

Decision: The Chairman GC advised DRDO and Services to increase the student strength and involve other Defence PSUs.

Action: DIAT, DRDO, HQ IDS

- j. **Financial Resources:** A general account of the balance sheets for the year 2013-14 and 2014-15, Income and Expenditure Accounts, Receipts and Payments Account and budget proposals and expenditure for 2013-14, 14-15 and the proposed figures for the year 2015-16 were presented. The Addl FA stated that internal generation of funds should be improved and that there is limitation imposed by the Min of Finance as per the previous year's cap for grants-in-aid institutions. Next year onwards, the internally generated revenues as percentage of grants-in-aid received should be presented to GC. After a discussion, the GC approved the Financial Statements for the year 2014-15. Details of budget for the year 2016-17 will be discussed during the Finance Committee Meeting being scheduled.

Decision: DIAT to put in efforts to increase internal generation of funds

Action: DIAT

- k. **Annual Report:** The Annual Report for the year 2014-15 was presented to the Council. It was intimated that the Annual Report has been initially circulated among members and later, tabled in the Parliament after the due process at DRDO HQs. This was endorsed by the Addl Dir, DHRD. The Annual Report was approved subsequently.

Decision: The Chairman directed that next year onwards, the Annual Report should be ready early and shall be presented to the GC before submission to the Parliament.

Action: DIAT

5. Agenda for discussion:

- a. **Enhancement of Financial Powers to VC:** The GC was apprised of the BoM approval to enhance the financial powers of the Vice Chancellor and that the Auditors have sought approval of the Governing Council. The Addl FA endorsed

that the decision was after examining the requirements and as per the general norms of the government.

Decision: The GC approved the enhanced financial delegations to VC as approved by the BoM during its meeting held on 13 Dec 2013.

- b. Restructuring of M.Tech Programmes:** The GC was apprised that towards restructuring of the M.Tech programmes and with a view to provide maximum flexibility to offer specialisations and to ensure scholarships through Direct Benefit Transfer (DBT) scheme of AICTE, DIAT has obtained AICTE approval for offering M.Tech in generic streams.

The proposal was approved by all members. In his response, Prof U B Desai added that programmes of high specialisations will have little life as it could not fetch the passing out students, employment opportunities. It was generally indicated that all efforts should be made to maximise admissions to the approved number, in a phased manner and also take measures to attract the students so that DIAT's visibility will be better and could justify the faculty-student ratio.

While the Chairman indicated that the M.Tech Students should be involved in projects being handled by DRDO Labs, the members from Services indicated that the student officers from Services should be given projects carrying field / service relevance.

To the issue of increasing subscription by Services, ACIDS (TRADOC) and Brig Mukherjee indicated that the total number approved for PG Pgm from all services put together is only 238 it will be difficult to increase the intake for DIAT.

Decision: Chairman directed that M.Tech students shall be encouraged to take up projects from DRDO and Services.

Action: DIAT

- c. M.Tech in Technology Management (TM):** The Vice Chancellor indicated that the M.Tech in TM is having good subscription from Services/ICG and that 3 self-sponsored students have been admitted in the year 2015. To this, Addl FA pointed out that this program should be taken ahead as a programme of high brand value and efforts should be made to enhance the self-sponsored category admission to increase internal resource generation. ACIDS indicated that Services sponsor to this programme, adequately.

Decision: Secretary directed DRDO to ensure better subscription to M. Tech (Technology Management).

Action: DIAT, DRDO

d. PG Diploma in Safety & Fire Management: On the need for qualified personnel in this area, DIAT has proposed to start a PG Diploma in Safety & Fire Management, in association with CFEES/ DRDO. The Chairman indicated that as of now, only one or two institutions in the country are awarding degree / diploma in this niche area and called for subscription from Services. Both the Directors of IITs and the members from Services hailed this effort by DIAT. This being a non-conventional area, should be of demand. Later, based on the demand, this programme could be taken up for award of M.Tech degree with adequate course content.

Decision: DIAT may give wider publicity of the programme.

Action: DIAT

e. Admission of Scholarship students to PhD: The Vice Chancellor submitted that the DRDO had approved an intake of 10 scholarship students per year and that he would like to go ahead with the same number for the time being. The Chairman indicated that this threshold could be raised in future, based on progress and reviews but in all cases, the students should work on problems of importance to DRDO possibly jointly at DRDO / DIAT labs. This will bring vibrancy in research and new thinking / direction in research. In that case, DIAT need not worry about DST/DBT/CSIR-UGC sponsored students for PhD IN FUTURE.

Decision: The Chairman directed the CC R&D (TM) to examine the feasibility of JRFs/SRFs working under various DRDO projects registering with DIAT

Action: DIAT, DRDO

f. Remuneration to Visiting Professors: The GC held on 30 Nov 2012 had approved honorarium to Visiting Faculty at the following levels:

Indian	-	Rs. 60,000/- per month
Foreign	-	Rs 1 Lakh per month

It was submitted to consider raising the limits to Rs. 80,000/- pm, all inclusive, including travels (for Indian) and Rs. 1 L (for Foreign) excluding for travel abroad. During the discussion, Prof Indranil Manna however indicated that there should not be a distinction between Indian and Foreign faculty whereas importance should be on the competence of the individual.

Decision: The proposal was in principle, accepted. The Addl FA indicated that this case need be examined and can be taken up in Finance Committee.

Action: DIAT

g. **Hostel Facilities:** In view of the fact that there are no dedicated hostel facility for the M.Tech and PhD students (scholarship) a proposal was put forward to consider providing the following hostel facilities:

M.Tech Hostel	-	150 rooms – double occupancy
PhD Hostel	-	50 Rooms – double occupancy
Girls Hostel	-	64 rooms – double occupancy

The GC was apprised that the POINTS Hostel where most of the scholarship students are accommodated is not available for such students during the POINTS Pgm and the M.Tech and PhD students are being accommodated on double occupancy basis in rooms, most of the time. Both the Directors of IITK and IITH indicated that though it is fine for undergraduate students to share, the PG and PhD students should have independent rooms.

Decision: The need to have additional hostel facilities has been approved in principle DIAT to submit an appropriate proposal.

Action: DIAT

h. **DCIDS (DOT)'s Nominee to be a member of GC:** The HQ IDS had proposed an agenda point to consider attendance of an officer at the level of 2 star or above in place of DCIDS (DOT) in case of exigencies. Maj Gen Jagga, ACIDS (TRADOC) indicated that DCOAS, who is another member in GC is allowed to have his rep one level below and this should be extended across the board. To this, Addl FA conveyed the Hon'ble RM's point of view in a recent interaction that the members are decided based on the importance of the assignments and that should not be diluted by deputing a rep.

Decision: Chairman opined that the point may be discussed in General Body.

Action: DIAT, HQ IDS

i. **Constitution of a Committee to recommend appropriate standards for appointment and promotion of Faculty Members:** The Vice Chancellor presented to the GC that UGC prescribes minimum standards for appointment and promotion of Teachers and other Academic members vide its Regulations, 2010. This also provides for raising standards. He proposed for appointment of a committee to look into this aspect. Addl FA opined that the committee members could be drawn from IITs to have a dispassionate nature. Both the Directors of IITs pointed out that selection / promotions are not the prerogative of individual teachers and eligibility forms the minimum level whereas suitability should be proved for effecting selection / promotion.

Decision: It was decided that a committee be proposed, with VC, DIAT as Chairman and other members drawn from prominent institutions of higher learning.

Action: DIAT

- j. Requirements, post bifurcation of DIAT:** Post the Government Sanction Letter (GSL) of Apr 2015, for bifurcation into DIAT (under DRDO) & MILIT (under HQ IDS), the need for additional buildings, lab facilities, infrastructural provisions etc., have come up for efficient functioning of DIAT. Vacating labs, office space, class rooms etc., would not be possible unless additional facilities are created. Maj Gen Jagga, ACIDS (TRADOC) pointed out that he has been heading the Implementation Committee and that in his opinion, these institutions shall function together supporting each other as in a joint family in complete harmony sharing common facilities and putting best use of allocated facilities at the respective institution's command.

Decision: The Chairman indicated that creating additional facilities for both DIAT and MILIT involve approval by Hon'ble RM and that could happen only if a clear considered decision is taken on the matter.

Action: DIAT, HQ IDS

- k. Creation of Hypersonic Test Facility:** To the proposal of creating **hypersonic test facilities**, the Chairman assured support by DRDO. Prof U B Desai opined that revenue generation is possible by sharing facilities with other research institutions as is being done by IITs / Universities. Addl FA pointed out that optimisation of facilities should be ensured by DIAT and facilities available at the various DRDO labs should be exploited by DIAT for its experimental and research works. Transferring test facilities / equipment available with the DRDO Labs are permitted under rule. VC acknowledged the support by ADE for shifting the EMI-EMC chamber held by the lab to DIAT, which is underway.

Action: DIAT

- l. Encroachment of DIAT land:** The GC was apprised of the rampant encroachment of the DIAT/Defence land at Girinagar. No visible response / action is seen either from the DEO or the District Collector / Police Authorities.

Decision: The Chairman requested the members from Services to sensitise the DEO about the issue and confirmed that he will also write to the concerned to look at this issue for necessary action.

Action: DIAT , HQ IDS, DRDO

- m. Future Plans:** The following future plans of DIAT has been presented by the VC:

- i.** Creation of buildings and infrastructure facilities for the Institute.
- ii.** Increase in the number of M. Tech. programs relevant to Defence Technologies.
- iii.** Increase in faculty strength appropriately. Up-gradation of existing laboratories.
- iv.** Center of excellence for Teaching and Research in Armament and Guided Missiles.

- v. Center of excellence for Teaching and Research in Nano-technology and Materials.
- vi. Collaboration for faculty and student exchange with International Defence Institutes/Universities.

6. Any other Point with the permission of the Chair:

- a. **Anomaly in fixation of pay of some Faculty members of DIAT:** The GC was apprised of the perceived issue of anomaly in fixation of pay on selection / review of the following faculty members of DIAT:

Dr Tejashree Bhave
Dr Prashant Alegaonkar
Dr Dasari Shrikant

Addl FA opined that while the cases need be examined for resolution of the anomaly following representations to the Secretary and Chancellor, by the aggrieved faculty members, it shall be prudent to have a totally external committee with Chairman and members drawn from outside so that the decision shall be dispassionate and internal compulsions cannot influence the decisions. This has been agreed by all.

Decision: The Vice Chancellor was requested to send a draft panel to the Chairman, GC/ Secretary, DDR&D for further needful action.

Action: DIAT

- b. **DIAT to be an Institution of National Importance by an Act of Parliament:** The Vice Chancellor presented and emphasised that DIAT is a unique institution under MoD. At times, the various regulations by UGC cripple the effective functioning of the institute. It shall be prudent to declare the institution as an institution of national importance by an Act of Parliament so that better autonomy is enabled. He also informed that this need was felt by the GB as well, in its meeting held in Apr 2013.

Decision: Chairman indicated that the institute should increase the student strength, fill up the various vacant teaching positions, improve the infrastructure and research facilities. However, parallelly study may be carried out on the advantages/disadvantages of the proposal on this move prior to moving a proposal.

Action: DIAT

7. **Vote of Thanks:** In the absence of any other point, the Chairman thanked all the members and invitees for sparing their valuable time, especially on a holiday for the

betterment of the educational institution. The Vice Chancellor also thanked all, for their valuable suggestions and whole hearted support and co-operation. He assured that suggestions made by the members are very important for DIAT to take it to new heights and the decisions will be implemented soon.

The meeting came to a close at around 1140 hrs.



(Dr. S. Pal)

Member Secretary, GC