



Telephone 24304001

Defence Institute of Advanced Technology (DIAT)
(Deemed University)

Girinagar, Pune-411 025

18 December 2013

DIAT/REG/GC/11

MINUTES OF THE 7TH MEETING OF THE GOVERNING COUNCIL (GC) OF DIAT (DU) PUNE HELD AT DRDO HEADQUARTERS NEW DELHI 5TH FLOOR CONFERENCE HALL AT 0930 HOURS ON 11TH NOVEMBER 2013

1. Following were present:-

	Name	Designation	Remarks
(a)	Shri Avinash Chander	Secretary Defence (R&D) and SA to RM	Chairman
(b)	Prof RK Shevgaonkar	Director IIT Delhi	Member
(c)	Prof Bhaskar Ramamurthi	Director IIT Madras (Through Video Conferencing)	Member
(d)	Dr G Malakondaiah	CC (R&D) HR and TM/DRDO	Member
(e)	V Adm RK Pattanaik, AVSM, YSM	DCIDS(DOT)/IDS Hq	Member
(f)	Sh RG Viswanathan	Addl FA(R&D) & JS	Member
(g)	Dr Prahlada	VC DIAT(DU)	Member Secretary
(h)	Special Invitees:- (i) Dr Manas Mandal (ii) Dr Sangeeta Kale (iii) Rear Admiral (Retd) VS Batra, VSM (iv) Sh R Jahagirdar	DG LS/DRDO Dean Academics DIAT(DU) Registrar, DIAT(DU) Finance Officer(FO), DIAT(DU)	

2. Dr Prahlada, VC, DIAT welcomed Secretary Defence (R&D) and SA to RM and other distinguished Members of the re-constituted GC to the 7th GC Meeting and introduced Dean Academics, Registrar and the FO, DIAT(DU) to all.

VC DIAT's Opening Remarks

3. VC, DIAT gave a brief background of DIAT(DU) to all members and apprised them that DIAT was associated with the conduct of M Tech and Ph D Programmes and look up to the GC for guidance and directions to serve and further DRDO interests in the field of Applied Research, enhancing quality of Human Resource and complementing R&D at TRL 1,2 and 3. In addition, DIAT is also associated with the induction level training of the DRDO Scientists. To effect qualitative improvement, DIAT has entered into active collaboration with reputed Indian and International institutes of Higher Education in Science and Technology. After the big picture of the activities of the DIAT, VC, DIAT invited Chairman to make his opening remarks.

Chairman's Opening Remarks

4. Chairman welcomed all members to the 1st meeting of the re-constituted GC. Chairman stated that DIAT is a unique institute under DRDO where we nurture and hone skills of the DRDO scientists can be nurtured. Having reached one level, we need to reach higher objectives. He highlighted the following:-

- (a) Varied challenges in the field of equipment design beyond immediate future in the prevailing Defence Environment in the world. *He mentioned that Defence Industry is coming up a big way and hence trained manpower will be required. DIAT's role would be, therefore, to generate and upgrade the manpower to meet this demand also.*
- (b) Need for linkages with other organizations/institutions to evolve unique capabilities for meeting Defence requirements, including huge industry complex in private sector.
- (c) Need for understanding technology nuances and creation of critical manpower to reduce induction level delays.
- (d) Need for DIAT to develop as backbone of DRDO in Technology upgradation in the fields of cyber security, space, unmanned warfare, bio-integration, high energy weapons, cognitive systems etc.
- (e) Need to evolve multidisciplinary approach and mindset to evolve an integrated technological environment which is futuristic.

(f) Need for restructuring induction level training of DRDO Scientists before the commencement of training for the next POINTS batch with the aim that Scientists are available for the job from 'day one' on completion of induction training at DIAT without any need to re-learn.

(g) Need for continuing the good work being done by DIAT and further strengthening the research and quality of education to evolve an Integrated manpower development plan. To achieve that, Chairman assured that DRDO in all its endeavours.

DCIDS(DOT)'s Query

5. DCIDS(DOT)/IDS Headquarters sought the background in which the composition of the GC was changed and in the re-constituted Council, ex-officio Members from individual Services have not been included. VC apprised that GC is reconstituted on expiry of the term of non ex-officio Members and that the reconstituted GC has been approved by the SA to RM. Chairman directed that formal communication be sent to all SHQs about the re-constitution of the GC and directed that composition be reviewed appropriately.

Action: DIAT(DU)

Agenda Points

6. Thereafter, Registrar DIAT(DU) was directed to proceed with Agenda Points. The details of the Points discussed and decisions taken are given in the succeeding paragraphs.

Action Taken on Decisions taken at the 6th Governing Council Meeting

7. GC was apprised of the 'Actions Taken' on the decisions of the 6th GC meeting, as per details tabulated below:-

	Decision	Action Taken
(a)	Adoption of revised Society Document	The revised society document has been submitted to DRDO Headquarters in Sep 13 and is awaiting RM's approval.
(b)	Opening of Departments of Applied Bioscience and Technology Management	Both Departments are functional at DIAT
(c)	Revision of Service conditions of Contract Employees	The recommendations of the sub committee have been implemented
(d)	Revision of Consolidated	Issue being discussed as an Agenda Point in the

	Honorarium to Visiting Faculty	7 th Governing Council meeting.
(e)	Setting up of Incubation Centre at DIAT	The Decision noted for compliance in future
(f)	Adoption of Annual Accounts and Annual Report for the year 2011-12	No further Action
(g)	Adoption of Ministry of Human Resource Development, Govt. of India Guidelines	Implemented by issue of an OM at DIAT
(h)	Creation of Hindi Posts for Hindi Section	Action in hand to recruit personnel on contract basis.
(j)	ITM Mussouri to be off Campus centre of DIAT	The Committee appointed by SA under Chairmanship of VC DIAT has recommended maintenance of Status Quo for the time being in respect of ITM and commencement of M Tech in Technology Mgt at DIAT in collaboration with IISC Bengaluru.

Annual Report 2012-13

8. Annual Report of DIAT(DU) for FY 2012-13 was presented to the GC for approval before presentation of the same to the Parliament. Salient points, as per details given below, were highlighted:-

- (a) Compiled with due care and diligence to include all important activities of DIAT during the reporting period.
- (b) The publications by faculty has steadily increased over the years and has reached a figure of 294 during 2012-13
- (c) The Patents by faculty during the year has gone up to 11.
- (d) The Institute has added quite a number of new test / lab equipment during the year.

9. Addl FA(R&D) & JS stated that all arrears of Annual Report stand cleared now and it was proposed to forward Annual Reports for FYs 2011-12 and 2012-13 together to the Parliament.

Action: DHRD/DRDO

10. GC approved the Annual Report for FY 2012-13.

11. Chairman directed that research work at DIAT needs to be appropriately benchmarked and impact analysis carried out. Dean Academics DIAT stated that same would be implemented.

Commencement of Integrated PhD Programme at DIAT (DU)

12. The concept of Integrated PhD is meant for students who wish to pursue a Research career in the context of resolution of the MHRD to have more people oriented towards research in the early part of their academic pursuit. Accordingly, many Institutions of Higher Learning have started Integrated PhD Programmes in various science and engineering disciplines. **This concept of Integrated PhD will be specially helpful to the Sponsored scientists nominated by DRDO and Services who are not really looking for only M Tech degree. The members expressed that this scheme should be made available to open candidates also.**

Action: DIAT(DU)

13. Directors IIT Madras and Delhi recommended that there is a need to provide an exit plan for students who are either considered unsuitable at the end of 2nd year or have to withdraw due to other work exigencies.

14. After detailed discussions, following was decided:-

(a) **AIP for commencement of the programme with provision for award of M Tech degree after three years.**

(b) **To allow re-admission/re-registration at the discretion of the VC, on a case to case basis.**

(c) **Other details to be worked out by the Board of Studies and the Academic Council of DIAT(DU).**

Action: DIAT(DU)

Relaxation in Compulsory Residency Period for Ph D Students

15. Presently, PhD students are required to have a compulsory residency of one Semester (six months) at DIAT. DRDO and Services find it difficult to spare their personnel from Lab / Units for such a long period. UGC Rules, though mandate a Compulsory one Semester coursework, does not insist for a compulsory residency in the Institute. As such, it is proposed to waive off the compulsory residency for the External Part-time Research Scholars but arrange monthly crash programmes of 5-7 days for 5 months as part of coursework teaching at DIAT. Candidates, however, would need to appear and pass the exam.

16. Chairman and Directors IIT Delhi & Madras opined that it is necessary that students physically spend one semester for better academic alignment. However, Chairman stated that the attachment could be staggered to suit the convenience. Use of technology was also highlighted.

17. After discussions, it was decided that compulsory residency period of one semester for all students be continued. However, deviation if any may be considered on a case to basis by the VC DIAT(DU).

Recruitment of Essential Faculty on Tenure Basis

18. It was brought out that whilst all open category faculty positions approved by DRDO have been filled up, the same could not be completed in respect of majority of reserved vacancies. It was further stated that process of special drive to fill up reserved vacancies has been initiated. Accordingly, there is a need to build up the strength to approved figure of 56 on Contract/tenure basis so that the teaching and research needs can be satisfactorily handled.

19. Addl FA(R&D) and JS stated that there is a need to take legal opinion before proceeding further on hiring contract faculty on longer than one year term. Director IIT Delhi stated that they have been successful in recruiting SC and OBC candidates though difficulties continue to be experienced in respect of ST category. Director IIT Madras also stated that recruiting Contract faculty for longer periods without break could have legal problems subsequently. He further stated that based on academic gaps, conduct of specific academic capsules may be outsourced and suitable compensation paid. Further, this option would avoid any legal problems with no commitment for future whatsoever.

20. After detailed discussion, the Chairman directed that the issue needs to be deliberated by a dedicated Committee for a detailed examination from legal point of view. Assistance of Directors of IIT can be taken for expediting. He also put forth the concept of "pool of Tenure Posts". CC(R&D) HR suggested special drive to attract adjunct faculty from DRDO.

Action: DIAT(DU)

Emoluments of the Visiting Faculty

21. After a brief reference, Chairman directed that this issue may also be considered in the same way and there could be more than one category of job contract/visiting faculty. Addl FA quoted the provisions in Tata Memorial Hospital which is under Deptt of Atomic Energy. Methodology and mechanism to be documented and concurrence obtained. Numbers can be decided by Academic Council/Board of Management etc

Action: DIAT(DU)

Forecast Budget Estimates 2014-15

22. After brief discussion, GC noted the projections for information. The Budget allocation, however, would be considered through normal process.

23. Addl FA(R&D) and JS emphasized the need for DIAT becoming self-sustaining progressively. The issue was discussed in detail and it emerged that it would not be feasible for DIAT to be totally self sustaining and that it is difficult to attach price tag to all activities and services being rendered by DIAT to DRDO. It was thereafter decided that some formulation may be evolved to attach notional value to Training, Education and Research activities of the DIAT so that outcome can be quantified vis-à-vis Grant-in Aid. Addl FA brought out the possibility of DRDO creating research infrastructure and leasing to DIAT while Grant-in Aid can be given to meet revenue expenditure.

Action: DRDO/DIAT

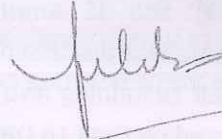
Commencement of New M Tech Programmes from AY 2014-15

24. The issue was discussed for commencement of M Tech Programmes in Technology Management, Bio-sciences & Technology and Surface and Undersea Vehicle Systems (SUVS). During the discussions, it emerged that there is a need to ensure adequate subscription by DRDO and other stakeholders for the courses. Director IIT Madras stated that the curriculum for SUVS Programme is yet to be finalized and the same is not listed in the forthcoming Senate meeting of the IIT Madras. Further, he advised that it may not be prudent to start a too specific course with limited scope and it would be better if certain courses are included as Electives in an otherwise Generic M Tech Programme. Director IIT Delhi opined that in the event of limited subscription from stakeholders, it may be better to conduct the Programme in an existing established Institute, where same or similar course is already running.

25. After detailed discussions, **Chairman directed that it would be worthwhile to start the new Programmes at DIAT(DU) only if we can sustain the strength of around 10 for a period of three years.** Accordingly, need survey may be conducted by DHRD/DRDO and DIAT amongst various stakeholders viz DRDO, Services, DPSUs, OFs and Private Defence related Industry. Further views of the Directors IIT Delhi and Madras may also be factored in before proceeding.

Action: DIAT(DU)

26. There being no further point, the meeting was adjourned.
27. These minutes have the approval of the Chairman.



(Dr Prahlada)
VC, DIAT(DU)
Member Secretary GC

Distribution:

SO/Secretary Defence (R&D) and SA to RM

Directors IIT Delhi and Madras

CC (R&D) HR and TM

DCIDS(DOT)/IDS Headquarters

Addl FA(R&D) and JS/DRDO

Copy to:-

DG (R&D) NS/DRDO

DG (R&D) LS/DRDO