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MINUTES OF THE 6TH GOVERNING COUNCIL MEETING OF DEFENCE INSTITUTE OF
ADVANCED TECHNOLOGY (DI) HELD AT DRDO BHAVAN, NEW DELHI ON 30 NOV 2012

The following members, special invitees and invitees attended the meeting :-

CHAIRMAN

Dr VK Saraswat
SA to RM & Chairman

MEMBERS

Vice Admiral Anurag Gopalan
Thapliyal, AVSM
Chief of Personnel, Naval HQ

Air Marshal Anil Chopra, AVSM, VM,
VSM
Air Officer-in-charge Personnel,
Air Force HQ

Vice Admiral R K Pattanaik,
AVSM, YSM
Deputy Chief of Integrated Defence
Staff
(DOT)

Lt Gen Rajiv Bhalla, SM, VSM,
DGMT Offg. Dy Chief of the Army
Staff (IS&T)

Shri. R G Vishwanathan
Additional Financial Adviser (R&D)
& Joint Secretary

Dr. S K Salwan
Dr. BD Nagchaudhuri DRDO Chair

Air Marshal B N Gokhale, PVSM,
AVSM, VSM

Maj Gen Niraj Phatak
ACIDS (TRADOC) HQIDS

Dr Prahlada
Vice Chancellor, DIAT
Secretary, GC

SPECIAL INVITEES

Prof N Balakrishnan
Associate Director
IISc, Bangalore

Dr AK Singh
Director, HRD
DRDO HQ

Prof DN Reddy,
Former Vice Chancellor, JNTU
Chairman, RAC, DRDO

INVITEE

Dr PK Khanna
Dean (Academics)
DIAT (DU)

Shri K Nagaraja
Finance Officer, DIAT(DU)

Dr R Premkumar
Registrar, DIAT(DU)

Dr. Prahlada, Vice Chancellor, DIAT (DU) and Secretary to Governing Council welcomed all the distinguished members, special invitees and the invitees to the 6th Governing Council of DIAT (DU) and requested Dr VK Saraswat, SA to RM and Chairman, Governing Council for his opening remarks.

PART-A

1.1 Opening remarks by the Chairman

The SA to RM, Chairman, Governing Council in his brief opening remarks brought out that the Governing Council Meeting is an important activity in the functioning of DIAT. He also mentioned that a lot of initiatives have been taken by DIAT during the last one year and they have started showing positive results. He expressed his happiness that what have been expected of DIAT are being executed. The Chairman has listed the following activities as a measure of achievements of DIAT.

- (1) Restructuring of MTech programmes, a requirement of DRDO and Tri-Services.
- (2) Content revision of POINTS programme to focus on overall development and grooming of scientists.
- (3) Conduct of applied research by Scientists on mission mode projects and basic research in new areas.

The Chairman expressed his confidence that DIAT will focus to upgrade the Infrastructure facilities and lab facilities during the coming year. He also directed the DRDO HQ to establish a video conferencing cum virtual class room facility at DIAT

Considering that many senior scientists and service officers are not able to visit Pune and interact whenever required.

Action : Director, MIST

He also advised the DIAT to transform itself as a premiere technological Institution of National Importance and raise to the level of IISc/IITs. To achieve this objective an Approach paper/ Road map will be prepared by DIAT.

Action : DIAT

Since, Nano is the future of Defence Services, the required research in all related Nano Science areas need to be focused by the DIAT. In order to strengthen the Military training activities, MILIT has been established and its activities are being supported by DIAT. Similarly, the academic and research activities of DIAT are supported by MILIT. The DIAT should also look forward to grow through national/international collaborations comprising faculty exchange, student exchange and joint research projects etc. With this opening remarks, Dr VK Saraswat, SA to RM and Chairman, GC requested the Vice Chancellor, DIAT (DU) to go ahead with the agenda points.

1.2 Review Report by the Vice Chancellor :

Dr Prahlada, Vice Chancellor, DIAT (DU) presented the review report on the activities of the DIAT (DU) during the period between last Governing Council and the current Governing Council. He highlighted the initiatives made by the DIAT on academic programmes, research oriented activities in collaboration with DRDO and other national and foreign academic institutions. The SA to RM and Chairman, Governing Council, DIAT (DU) advised the Institute to engage an experienced person to pursue the MoUs signed with the national and foreign Institutions to ensure the intended academic research activities are followed up and executed. Prof Balakrishnan added that working with Moscow Aviation Institute in High Power Sources and Belarus in Cryptography can also be included.

Action : DIAT

The Vice Chancellor also confirmed the Governing Council on the actions taken on the decisions of the previous Governing Council. The Vice Chancellor presented to the Governing Council about the ongoing projects and the equipment strength of

laboratories in DIAT. The Governing Council noted the review report presented by the Vice Chancellor.

PART B

2. Action taken report on the decisions taken in the last Governing Council Meeting :

The Governing Council noted the action taken by the Institute on the decisions taken in the last Governing Council meeting.

The Vice Chancellor informed the GC that in respect of restructuring of MTech courses which are specific for Tri-Services, necessary inputs have been obtained from the services representatives / IDS HQ. It is seen that In respect of MTech programme in Radar and Communication and MTech in Signal Processing and Communication, there is a Lot of commonality in the course contents. Hence, it was proposed to retain MTech in Radar and Communication and a new PG programme Defence Electronic System from the next academic year. This will ensure that the Service Officers and DRDO Scientists will learn about all Defence Electronics Systems like, EW, ESM, Avionics, Navigation and EO Systems so that they can contribute in all fields and they will have flexibility in deployment. The super specialization in Radar Systems or Communication System or Signal processing will be provided in the MTech programme of "Radar Communication and Signal Processing" Itself. This was however, not readily concurred by the IDS mentioning that any modifications in course structure and content should be in consultation with main stakeholders of the programme.

Air Marshal Anil Chopra, AVSM, VM, VSM, Air Officer-in-charge Personnel, expressed that all these subjects are of immense importance to the Air Force Officers and hence will send nominations of the Air Force officers for all programmes. SA to RM concluded the discussions with the remark that the modifications proposed may be brought in after consultation with all stakeholders including IDS.

Action : DIAT

Air Marshal Gokhale suggested involving alumni of DIAT for providing feedback regarding various activities and programme. The Vice Chancellor informed that an Alumni Association is being formed and this suggestions will be taken into consideration.

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Vice Admiral R K Pattanaik, AVSM, YSM, DCIDS(DOT) has suggested that Academic Council, DIAT can have a representative from MILIT. The Vice Chancellor clarified that CIDS being nodal coordinating agency to nominate one member, that member could be from MILIT in the Academic Council as rep. CIDS.

Action : CIDS

SA to RM brought out the issue of offering an MTech programme in Mechatronics. Prof. Balakrishnan added that this is a very upcoming area involving Robotics, Artificial Intelligence, Machine learning and vision. The Vice Chancellor informed that based on a similar suggestion in the earlier GC, DIAT has already planned to offer MTech in Mechatronics as one of the branches from the Mechanical Engineering Department, in addition to armament and combat systems. Prof Balakrishnan suggested to consult IISc in finalizing the core and elective subjects.

Action : DIAT

Some of the members brought out that many DRDO Scientists, Service Officers are being sent to Cranfield University every year on various courses. These can be conducted through DIAT so that eventually DIAT can take up running these courses within the country.

Action : DRDO HQrs

2.1 The Vice Chancellor, DIAT was happy to note that more and more service officers and DRDO Scientists are applying for PhD programmes. However, it is essential that necessary NOC and commitment from Head of concerned establishment to be made available, particularly from Service establishments. This will help the officers and Service HQrs to plan their postings and utilization.

Action IDS, DRDO

Chairman, brought out that sometimes users find it difficult to spare their officers for long duration like two years. DIAT should, therefore, consider offering of short term customized courses running up to one semester and one year PG Diploma. The Vice Chancellor agreed for this suggestion and requested the users' headquarters to indicate their requirements so that this can be planned.

Action : IDS, DRDO

PART C

3.1 Confirmation of the previous GC Minutes

The GC unanimously confirmed the minutes of the 5th Governing Council held on 12 Dec 2012.

The following Agenda items have been taken up for discussions and decisions taken there on.

4.1 Adoption of Revised Society Document:

After a brief deliberation on the issue, the Additional Finance Advisor, & JS requested the Vice Chancellor, DIAT that some of the clauses in the proposed society document need further discussions and clarifications. Hence, it was decided that the Additional Financial Adviser & JS may visit DIAT and finalize the draft society document before submitting the same to SA to RM and Chairman, Governing Council.

4.2 Starting of Applied Bioscience Department at DIAT:

The necessity to start Applied by Bioscience Department DIAT was explained to the Governing Council by Dr. Prahlada, Vice Chancellor. SA to RM has also reiterated that the Biology and Chemistry will be the future research areas in Defence related Technologies. Hence, it is very much required for DIAT to start the Bioscience Department to carry out the basic research in those areas to develop Defence related Technologies and Products. It was suggested by Prof Balakrishnan that Board of Study for Bioscience Department may include representatives from IISc, Bangalore and other prominent research Institutions. The suggestion was agreed by the Governing Council. The Governing Council noted that the Applied Bioscience department will initially

Conduct PG Diploma and Short term Programmes before upgrading to MTech level. The Governing Council approved the starting of Applied Bio Science Department in DIAT and cleared the name of the department as "Dept of Biosciences and Technology. "

Action : DIAT

4.3 Starting of Technology Management Department in DIAT:

Dr. Prahlada Vice Chancellor briefed the Governing Council about DRDO'S requirement of developing Scientists as qualified Managers who can complete the projects in a time bound, efficient manner. In order to imbibe the Technology management capabilities amongst Tri Service Officers, DRDO Scientists and DPSUs, DIAT has proposed starting of Technology Management Department which will run M.Tech Programme in Technology Management and other short term, customized programs to meet the requirements of DRDO, Tri Services and other Defence Public Sector Units. Lt Gen Rajiv Bhalla SM, VSM, DGMT suggested that while finalizing the syllabus, the services representatives and representatives from CDM, Hyderabad may be included.

Prof Balakrishnan suggested that very good case studies can be developed from the experiences of DRDO and Services. The proposed syllabus for the M.Tech in Technology Management can be compared with the syllabus being taught across the best of the institutions. In this regard, Vice Admiral R.K. Pattanaik, AVSM, YSM has raised a query on why DIAT has to go in to these areas which are already taught by IITs, IISC/IIMS etc. Dr. Prahlada Vice Chancellor clarified that the courses taught in IITs, IIMs and IISc are generic in nature catering to the commercial market (mostly IT and services) whereas our programmes will be Defence oriented. All the courses being taught and proposed at DIAT will have Defence focus and fulfill the requirement of the

stake holders. Subjects like offset management and innovation in derivatives will be covered.

With this, the Governing Council approved the starting Technology Management Department at DIAT, Pune which will be relocated at Institute of Technology Management Mussoorie as an off campus centre of DIAT.

Action : DIAT

4.4 Revision of Service Conditions of Contract Employees:

Dr. Prahlada Vice Chancellor explained to the Governing Council that Considering requirement to run enhanced courses, carry out directed research and guide increasing number of students including from new departments, some candidates who fulfill all the requirements (for a regular faculty position) have been appointed on contract purely due to technical reasons against authorized positions. But, their consolidated emoluments is much lesser than their regular counter parts. They also are not entitled for LTC and other leave facilities as their compensation is fixed as per the provisions in our statutes. With such a low compensation, it becomes difficult to attract and to retain qualified faculty members on contract. In order to retain them, they should be offered higher emoluments. The Additional FA & JS and Director, HRD suggested that since this issue may involve Finance and Legal considerations, it is better to get the proposal examined in detail. SA to RM commented that 6th Pay Commission allows higher compensation and suggested that a small committee involving Air Marshal (Retd) B.N Gokhale, Additional FA & JS and DHRD can look in to the issue. The contract employees may be required to enter into contract agreement with the Institute on specific terms and Conditions to avoid any legal Complications in future.

Action : DIAT

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4.5 Revision of Consolidated Honorarium to Visiting Faculty:

The proposal to increase the fixed remuneration payable to the Visiting professors of DIAT to the extent of Rs. 50,000/- to Rs. 60,000/- was presented to the Governing Council by the Vice Chancellor, DIAT. The Governing Council in principle agreed to revise the consolidated Honorarium for Visiting Professors as proposed, since, the last revision was done in 2008. The Governing Council authorized the Vice Chancellor to fix the remuneration depending upon the requirement and the stature of the Visiting Professors.

Action : DIAT

4.6 Setting up of Incubation Centre at DIAT:

The Agenda was considered by Governing Council and decided that since, DIAT is currently run with the Government grants only on such an incubation centre may not be presently feasible to be set up in the DIAT campus. More homework and consultations need to be carried out.

Action : DIAT

4.7 Adoption of Annual Accounts and Annual Report for the year 2011-12

Audited Accounts and Annual Report of DIAT (DU) for the FY 2011-12 cleared by the Finance Committee DIAT (DU) at its 9th meeting held on 12th October 2012 were presented to the Governing Council for its approval.

During the discussion, to a query from Additional FA, it was clarified by FO, DIAT (DU) that 'the firm of Chartered Accountants' empanelled with C&AG, carries out the voucher audit and certify the Accounts / Balance Sheet, while C&AG carries out the overall audit of the Books of account of DIAT (DU) under section 14 of CAG (DPC) Act 1971 and does not certify the Accounts / Balance Sheet separately. It was also clarified to the query by the chairman that all Annual Reports (containing the annual accounts) for the period up to 2010-11 have been submitted (along with delay reports) to RM's office for signature and onward submission to the parliament. While appreciating the

efforts of DIAT (DU) in clearing all the backlog, it was mentioned by Additional FA that efforts may be taken to submit the annual reports to Parliament in time in future.

To a query from Prof. N Balakrishnan, it was clarified that DIAT(DU) being an Autonomous Body (Registered under Societies Act 1860) fully funded by Ministry of Defence, DIAT (DU) follows the accounting system as applicable to the non commercial Government Autonomous Bodies. Accordingly, DIAT (DU) prepares the 'Income & Expenditure Account' and not the 'Profit & Loss Account'.

With this Governing Body approved the audited accounts and Annual Report for the year 2011-12 of the DIAT (DU).

PART E

The Governing Council noted the report items at 5.1,5.2, and 5.3 of the agenda.

PART F

6. The following items have been discussed and decision with the permission of the Chairman:-

6.1 Adoption of Ministry of Human Resource Development, Govt. of India Guidelines:

After Governing Council deliberated the matter decided that the subcommittee comprising Addl. Finance Advisor, DHRD, Registrar, DIAT (DU) will consider all relevant issues in adoption of Ministry of HRD letter dated 31st Dec 2 008 and submit its recommendations to the Chairman, Governing Council through the Vice Chancellor, DIAT (DU).

6.2 Creation of Hindi Posts for Hindi Section :

Though, the Governing Council is in agreement with the proposal, due to ban on creation of new posts, the proposal could not be considered at this stage. The Governing Council advised DIAT to fill up the following three posts on contract basis.

1. One Hindi Officer [Assistant Director (OL)]
2. One Junior Translator
3. One post of Hindi Typist

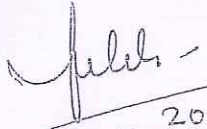
Action : DIAT

7. Closing remarks by SA to RM:

The SA to RM and Chairman GC DIAT, expressed his happiness about the overall progress made by DIAT and the fruitful discussions on the issues by GC. He suggested that the infrastructure development in DIAT to be a continuous process and DIAT should ensure that the development activities are executed in time bound manner. The autonomy granted to DIAT needs to be exercised fully but with care and caution. He thanked all the GC members present for their active participation and their contribution.

The Vice Chancellor conveyed his sincere thanks to the Chairman and to all the distinguished members/special invitees/ invitees for interaction, advice and guidance.

8. In the absence of any other point for discussion, the meeting was concluded at 1315 Hrs.


20 Dec 2012
(Dr. Prahlada)
Vice Chancellor
Member Secretary
Governing Council, DIAT (DU)

Distribution :-

All Concerned