

**DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY PUNE**  
(Deemed to be University)

No.DIAT/F/ADMIN/16<sup>th</sup> BoM/2018/

Dated 5<sup>th</sup> Oct 2018

**MINUTES OF THE 16<sup>TH</sup> MEETING OF BOARD OF MANAGEMENT,**  
**HELD ON 5<sup>TH</sup> OCT 2018**

The following were present:

|  |                    |
|--|--------------------|
| <b>Dr C P Ramanarayanan, Vice Chancellor</b>             | <b>Chairperson</b> |
| Prof Pravas Mahapatra                                    | Member             |
| Dr. K S Varaprasad, DG (HR), DRDO                        | Member             |
| Shri V V Parlikar, OS and Director, R&DE Engineers, Pune | Member             |
| Prof A Kumaraswamy, Dean (T)                             | Member             |
| Prof. S. K. Kale   | Member             |
| Dr Somanchi Krishna Murthy                               | Member             |
| Dr P S Alegaonkar  | Member             |
| Ms Deepti Vidhyarathi                                    | Rep of CoE         |
| Prof P K Khanna  | Invitee            |
| Mr Ramesh Jahagirdar, FO, DIAT                           | Invitee            |
| Mr T V Ananthasubramanian, Jt Registrar, DIAT            | Invitee            |
| Cmde A K Sinha (Rtd), Registrar                          | Secretary          |

Prof S K Koul, Prof D Banerjee and Prof K P Ray were allowed leave of absence.

**Item No. 16.1**

**Opening Remarks by Vice Chancellor & Chairman, Board of Management**

Dr C P Ramanarayanan, Vice Chancellor and Chairperson welcomed all the members. Dr. Varaprasad, DG (HR) DRDO and Shri V V Parlikar, Director, R&D Engg were extended warm welcome to their first meeting. He stated that it is indeed, a privilege to chair the meeting. He indicated that he would like to put on record, the contributions by Dr Hina A Gokhale, the former (Officiating) Vice Chancellor, Dr Ranjeet Date and Dr P S Alegaonkar to the BoM.

The Chairman expressed confidence that this body will actively debate on important issues to have fruitful, successful and pragmatic outcomes and provide guidance in policy forming.

With this, he directed the Registrar to go ahead with the Agenda.

**Item No. 16.2**

**(a) Following developments, since the previous BoM Meeting were reported:**

- Dr. C. P. Ramanarayanan, Former DG, AERO, DRDO HQ, New Delhi, assumed charge as VC w.e.f. 12/09/2018
- The UGC / AICTE Expert Committee visited DIAT during 23<sup>rd</sup> to 24<sup>th</sup> August, 2018. *During the exit meeting on 24th Aug 2018, the Chairman, UGC Expert*

Committee indicated that the Committee has recommended for extension of Deemed to be University status of DIAT to UGC.

- Dr. G. Satheesh Reddy took over as the Secretary, DDR&D on 27/08/2018. He is the new Chairman, GC, DIAT
- Dr. S. Christopher, Secretary, DDR&D and Chairman, DRDO presided over the 10<sup>th</sup> Convocation held on 25<sup>th</sup> May, 2018. [234 M Tech degrees (2016 - 18 batch) and 24. PhD degrees were awarded during the 10<sup>th</sup> Convocation Ceremony]
- The following data on Admission of students to M.Tech & PhD during July 2018, was presented:

#### M.TECH – 2018-20 BATCH

| ARMY | NAVY | AIR FORCE | DRDO | ICG | SCHOLARSHIP | SPONSORED | Foreign | TOTAL |
|------|------|-----------|------|-----|-------------|-----------|---------|-------|
| 22   | 25   | 25        | 21   | 11  | 122         | 34        | 2       | 262   |

#### M.Tech Students Strength over 3 years, at a glance

| Program | 2016-18 | 2017-19                       | 2018-20                       |
|---------|---------|-------------------------------|-------------------------------|
| M Tech  | 245     | 276 (incl 3 Foreign Students) | 262 (incl 2 Foreign Students) |

#### PhD Admission 2018 July Batch

| SR NO | DEPARTMENT                      | NATURE OF CANDIDATURE |           | TOTAL STUDENTS | CATEGORY |    |     |     |
|-------|---------------------------------|-----------------------|-----------|----------------|----------|----|-----|-----|
|       |                                 | PART TIME             | FULL TIME |                | SC       | ST | OBC | GEN |
| 1     | APPLIED CHEMISTRY               | 0                     | 2         | 2              | 0        | 0  | 1   | 1   |
| 2     | MECHANICAL ENGG.                | 0                     | 2         | 2              | 0        | 0  | 1   | 1   |
| 3     | METALLURGICAL & MATERIALS ENGG. | 1                     | 1         | 2              | 0        | 0  | 0   | 2   |
| 4     | COMPUTER SCIENCE & ENGG.        | 1                     | 0         | 1              | 0        | 0  | 0   | 1   |
| TOTAL |                                 | 2                     | 5         | 7              | 0        | 0  | 2   | 5   |

While discussing this point, Prof. Mahapatra brought out that admission of students to MTech and PhD could be indicated graphically to have a better idea of the numbers in each category and their growth/decline over a period. He also added it is appropriate to monitor the performance and progress in numbers among the various categories of PhD students separately for data analysis and to decide upon their relative growth vis-à-vis the financial commitment on account of the numbers so that in future, when the stipend for PhD students is enhanced by MHRD, the same could be claimed as a separate entity to DDR&D for adequate support in the form of Grants-in-Aid.

Shri V V Parlikar indicated that the MTech subjects and courses should be reviewed periodically to decide on the course content changes or to bring in, new courses or to withdraw any course considering its relevance to DRDO / Services / Market.



## Item No. 16.2 (b)

### Status / update on Infrastructure / Development at DIAT:

BoM was informed about the following infrastructural augmentation at DIAT:

| Sr. No. | Name of the Work   | Status           |
|---------|--|------------------|
| 1       | Refurbishment of Guidance & Structure Laboratory in department of Aerospace Engineering  | Work in Progress |
| 2       | Refurbishment of Aerodynamics Laboratory located inside P – 70 and Refurbishment of Supersonic Wind Tunnel Laboratory and Compressor Room in Aerospace Engg. Dept. | Work in Progress |
| 3       | Provn of 1.5 Ton AC and dedicated Chemical earthing in SAX Lab in Dept. Of Material Engg   | Work in Progress |

*Prof. Mahapatra, opined that while planning infrastructure for future, a clear road- map should be drawn equipment-wise and building-wise to have better planning and control. While the new creation can have separate financial outlay, the repairs can be done separately, also considering the depreciation; he added.*

*Shri Parlikar indicated that DRDO can arrange to have the equipment installed at DIAT for broader use among the DRDO labs.*

## Item No. 16.2 (c)

### Training Programme

- BrahMos: The Institute has conducted six week induction training programme from 13<sup>th</sup> August, 2018 to 21<sup>st</sup> September, 2018 for newly appointed Executive Trainees (Engg) of BrahMos Aerospace Private Limited (A joint venture of India and Russia)
- MATLAB - SIMULINK Training program for DRDO Scientists were held during:
  - 23<sup>rd</sup> Apr 2018 to 27<sup>th</sup> Apr 2018
  - 16<sup>th</sup> July 2018 to 20<sup>th</sup> July 2018
  - 24<sup>th</sup> Sept 2018 to 28<sup>th</sup> Sept 2018

*Total 18 batches completed as yet.*

*It was also opined that a content and training feedback on Matlab training is essential from the coming batches though; a general feedback IS collected and sent regularly. It was stressed that DIAT should be in a position to independently conduct the Matlab training program utilizing internal resources, severing the dependency on external agency.*

*Both Prof. Mahapatra and Shri Parlikar proposed that DIAT should be in a position to propose short term training programmes to DRDO and as well, collect the list of short term training programs being thought a general feedback of by DRDO for DRDO's manpower from the labs / Dte of HRD of DRDO. This will provide avenue for additional income generation to DIAT.*

**Item No. 16.3**

The following ATR on minutes of 15<sup>th</sup> Meeting of BoM held on 21<sup>st</sup> May, 2018 was presented:

| Points | Agenda points / Salient points   | Progress / Action taken  |
|--------|--|--|
| 15.5.1 | <p><b><u>Approval of the M.Tech and PhD results of AY 2016-18:</u></b></p> <p><b>Decision:</b> BoM approved the results for award of degrees [M.Tech - 236 and PhD – 24] to the successful students, as presented by the CoE.</p>  | 234 nos. M Tech degrees (2016 - 18 batch) and 24 nos. PhD degrees have been awarded during the 10 <sup>th</sup> Convocation Ceremony   |
| 15.5.2 | <p><b><u>Strengthening the Administration by the periodical review under FR 56 (j):</u></b></p> <p><b>Decision:</b> All the Service Rules may be consolidated by Admin and Finance, in line with the Govt Rules / FR&amp;SR and present the same in the next meeting of the BoM.</p> | <p>(a) It is proposed to adopt all Rules under FR and SR as applicable, be made applicable to employee of DIAT; as amended by Gol from time to time, through orders of DoPT / MHRD.</p> <p>(b) Any other Rule, while considering implementation at DIAT comes across any practical hurdle, will be referred to BoM for a rational look / decisions.</p> <p>The provision to consider any non-teaching employee for lien to join any other Organization / Institution is excluded, being a small organization and keeping the lien vacancy unfilled becomes impractical and non-viable. Also, it is not proposed to consider any employee of DIAT for deputation to any other Institution / Organization; for the time being, for similar reason. This may be reviewed after two yrs.</p> |
| 15.6.1 | <p><b><u>Appointment of Internal Auditors of DIAT:</u></b></p> <p><b>Decision:</b> BoM approved appointment of M/s Choughule, Ranade &amp; Associates as Internal Auditors of DIAT for the years 2017-18, 2018-19 &amp; 2019-20.</p>   | <p>Action completed.</p> <p>M/s Choughule, Ranade &amp; Associates, appointed Internal auditors upto 2019-20.</p>  |
| 15.6.2 | <p><b><u>Revision of fee structure for M.Tech Programmes:</u></b></p> <p><b>Decision:</b> The BoM approved the proposal</p>  | Implemented from Academic Year 2018 – 19 except for MoD sponsored and Cost Guard students  |
| 15.6.3 | <p><b><u>Operations of Girinagar Market Committee (GMC):</u></b></p> <p><b>Decision:</b> The Estate Officer of the EMU be called for a meeting with the Vice Chancellor in presence of the GMC Chairman, to sort out the matter.</p>   | A Committee has been constituted with Cmdt MILIT as Chairman, and Reps of DIAT, EMU & MES to look into the management of Girinagar estate.   |



#### Item No.16.4

### Confirmation of the Minutes of the 15<sup>th</sup> Meeting of BoM held on 21<sup>st</sup> May, 2018:

After a brief discussion, the BoM confirmed the Minutes of the 15<sup>th</sup> BoM.

#### Item No.16.5

#### Agenda for discussion:

The following agenda points were presented to BoM for consideration and approval:

#### 16.5.1 Approval of Audited Annual Accounts of the Institute for the year 2017-18

The following Balance Sheet and Income and Expenditure statement for the year 2017-18 was presented to BoM for perusal:

#### A) BALANCE SHEET

| <u>PARTICULARS</u>                  | <u>31.03.2018</u> | <u>31.03.2017</u> |
|-------------------------------------|-------------------|-------------------|
| <b>SOURCES OF FUNDS</b>             |                   |                   |
| CORPUS/ CAPITAL FUND                | 67.81             | 59.31             |
| EARMARKED (SPONSORED PROJECT) FUNDS | 1.02              | 1.86              |
| CURRENT LIABILITIES AND PROVISIONS  | 4.68              | 7.25              |
| <b>TOTAL</b>                        | <b>73.52</b>      | <b>68.42</b>      |
| <b>APPLICATION OF FUNDS</b>         |                   |                   |
| <b>FIXED ASSETS :</b>               |                   |                   |
| Gross Block                         | 86.98             | 81.34             |
| Less : Depreciation                 | 47.47             | 41.11             |
| Net Block                           | 39.52             | 40.23             |
| Capital Work in Progress            | 0.09              | 0.09              |
| CURRENT ASSETS                      | 20.10             | 18.36             |
| LOANS AND ADVANCES                  | 1.48              | 0.80              |
| INCOME AND EXPENDITURE ACCOUNT      | 12.33             | 8.94              |
| <b>TOTAL</b>                        | <b>73.52</b>      | <b>68.42</b>      |

#### B) INCOME AND EXPENDITURE A/C

| <u>PARTICULARS</u>                | <u>31.03.2018</u> | <u>31.03.2017</u> |
|-----------------------------------|-------------------|-------------------|
| <b>INCOME</b>                     |                   |                   |
| Academic Receipts                 | 1.77              | 1.13              |
| Interest Earned                   | 0.95              | 0.80              |
| Miscellaneous Income              | 1.26              | 0.62              |
| Grants for Revenue Expenditure    | 30.12             | 22.73             |
| Excess of Expenditure over Income | 3.47              | 5.93              |
| <b>TOTAL</b>                      | <b>37.56</b>      | <b>31.21</b>      |
| <b>EXPENDITURE</b>                |                   |                   |
| Establishment Expenses            | 16.97             | 13.49             |
| Administrative Expenses           | 10.65             | 7.72              |
| Academic Expenses                 | 3.57              | 3.45              |
| Depreciation                      | 6.36              | 6.54              |
| <b>TOTAL</b>                      | <b>37.56</b>      | <b>31.21</b>      |

The BoM was informed that the FC, in its meeting held early today has cleared the Audited Accounts of the Institute for 2017-18.

**Decision:**

After a short discussion, the BoM approved the Audited Annual Accounts of the Institute, for the year 2017-18

Action: FO

**16.5.2 Budget Estimates for the FY- 2019-20**

The Budget Estimates for the FY 2019-20 as under, was presented to BoM:

| <b>Review of the Actual Expenditure of DIAT (DU) for the year 2017-18 and Forecast Budget Estimates for the year 2018-19</b> |                     |                        |            |             |
|--|---------------------|------------------------|------------|-------------|
| Particulars  | Actual Expr 2017-18 | Actual Expr 30.09.2018 | BE 2018-19 | FBE 2019-20 |
| (A) Capital Expenditure  |                     |                        |            |             |
| Capital Equipment P&M/OE/ Lab Equipments/ Furniture & Fixtures/ Computers/ Motor Vehicles etc                                | 7.84                | 2.04                   | 3.50       | 7.00        |
| Library (Books & Journals )  | 0.77                | 0.34                   | 1.50       | 2.00        |
| TOTAL (A)  | 8.61                | 2.38                   | 5.00       | 9.00        |
| (B) Revenue Expenditure  |                     |                        |            |             |
| Pay & Allowances including 7th CPC Arrears   | 15.35               | 8.41                   | 14.50      | 16.50       |
| Other Establishment Expenses   | 0.91                | 0.37                   | 1.00       | 1.50        |
| Administrative Expenses  | 10.13               | 4.46                   | 8.00       | 9.00        |
| Academic Expenses  | 3.53                | 1.03                   | 3.50       | 4.00        |
| TOTAL (B)  | 29.92               | 14.27                  | 27.00      | 31.00       |
| TOTAL (A+B)  | 38.53               | 16.65                  | 32.00      | 40.00       |

**Discussion:**

On this point, the following observations were made:

- Separate head, with the consolidation on grants-in-aid should be indicated hereafter, while presenting the balance sheet.
- It is prudent to indicate Scholarship as a separate entity as it will provide a clear idea about the amount being spent under this head, so that depending on the needs and viability, the number of students could be regulated.

**Decision:**

After due deliberation and based on the FC clearance, BoM approved the budget.

Action: FO

**16.5.3 Approval of the Annual Report 2017-18**

The Annual Report for the year 2017-18 of DIAT was tabled for perusal of BoM Members. The Board of Management was requested to approve the Annual Report for the year 2017 - 18 tabled.



**Discussion:**

The members briefly went through the Annual Report and approved the same for submission to DRDO for onward transmission to table it in parliament through the RM.

**Decision:**

The AR was approved in principle.

**Action: Registrar**

**16.5.4 Adoption of UGC Regulations on Minimum qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education 2018.**

Prof P K Khanna, Chairman of the Internal Committee; vested with the responsibility of going through the UGC Regulations on Minimum qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education 2018 and present to the BoM with the changes proposed if any, presented the matter of adoption of the Regulations:

*During his presentation, he indicated that the members of the Committee appointed to go through the Regulation 2018 unanimously felt that the minimum qualifications as indicated in the regulation may be adopted as it is and higher standards if any, may be adopted during the selection / promotion process.*

*During discussion on the subject, a question was raised whether there is any liberty for the institute; not to adopt the regulation to make changes to which, it was replied that the UGC Regulations cover the minimum requirements and the Institute may adopt higher criteria.*

**Decision:**

*Finally, it has been decided that the regulations may be examined in detail and a comparison be made vis-a-viz the 2016 Regulations approved earlier by BoM to have a better idea on the major points. Since there is time of 6 months to adopt, the matter may be tabled in the next meeting of BoM.*

**Action: - Prof P K Khanna**

**16.5.5 Incubation policy of DIAT**

Prof P K Khanna, Chairman of the internal committee appointed to bring out the Incubation Policy of the Institute, presented the proposed policy to the BoM.

**Discussion:**

While discussion on this point, the following suggestions / decisions evolved:

- a) *DRDO scientists to be exempted from the coverage of beneficiaries as it may raise an issue of dual employment of Govt Servants which is prohibited.*

- b) Adequate care to be taken on the IP aspects considering the litigation possibilities involved
- c) The proposal to provide loan to the incubator from grants-in-aid, to be further examined
- d) While the concept is attractive, the execution may come across difficulties.
- e) The technical development funds being provided by the government viz., the DST Scheme may be examined, in this regard;
- f) Liaise with other govt institutes to get a good idea on the practical aspects of the policy;
- g) An experienced Academician working in this area in IIM / IIT Bombay may be invited for an interaction with a sub-committee of BoM. The slides presented to this BoM may be shared with the Academician to have feedback / suggestions for improvement.

**Decision:**

**After the proposed exercise, this point to be presented in the next BoM.**

**Action: Prof P K Khanna**

**16.5.6 Amendment to MoU with DRDO**

The Board of Management of DIAT in its 15<sup>th</sup> meeting held on 21<sup>st</sup> May, 2018 approved to charge Fees to MoD sponsored students for M.Tech programmes, excluding Tri-services [to be decided in consultation with IDS HQ].

In view of that, the following amendment to Part C: 3 (a) (vi) of the MoU between DIAT-DRDO is proposed, as under:

**Existing:**

To conduct courses / training programmes required by Ministry of Defence without charging any fees for candidates sponsored by MoD in preference over others.

**Proposed to be amended as:**

To conduct courses / training programmes required by Ministry of Defence by charging fees for sponsored candidates [Excluding Tri-Services and Cost Guard] by charging fees for sponsored candidates, as decided by Board of Management of DIAT, from time to time.

**Decision:**

***It may not be a good approach to exclude Tri-services from the need for the payment as they already pay for the service officers sponsored for IITs/ IISc and hence, need be billed for the services. and accordingly, the proposed amendment to be modified.***

**Action: Registrar**



### **16.5.7 Foreign travel of students with limited financial assistance from DIAT**

Mr. Ajit Singh, a PhD student in the Dept of EE had applied for permission and financial assistance to attend an international conference on "Ubiquitous and Future Networks", Prague, Czech Republic from 3<sup>rd</sup> to 6<sup>th</sup> July, 2018. His application was under consideration.

The 14<sup>th</sup> BoM meeting held on 27<sup>th</sup> Dec, 2017 had decided that PhD students who have completed two yrs in DIAT and successfully reviewed to be very good with at least two outstanding rating in the progress seminars may be allowed to go abroad to attend a conference / symposia / seminar / workshop for oral presentation of his or her papers"

However, the AC meeting held on 13/04/2018 had accorded approval to the modified grading system in the progress seminar of PhD student, into two categories; only "satisfactory and "not satisfactory" The student's reviews were satisfactory. Since the, BoM decisions mandates "very good" review report with two outstanding ratings" whereas the AC limits the ratings to satisfactory / not satisfactory categories only, approval of BoM is sought to amend the review report requirements to "satisfactory" in progress seminars in r/o PhD Students to be considered by the designated committee for permission to attend Conference / seminars / symposia/ workshop to make oral presentations and for financial support from DIAT. However, the designated committee must specifically certify that the quality of the paper is fit for oral presentation abroad "before approval is accorded by the Competent Authority.

Approval of BoM is also sought for considering reimbursement of expenditure on foreign travel to Mr. Ajit Singh, the instant case, limited to Rs. 50,000/- subject to the Empowered Committee's recommendations as specified above.

#### ***Decision:***

***DRMC may evaluate the quality of paper to be presented. The need for the designated committee to specifically certify the quality of paper is to be dispensed with. However, the case need be examined by the designated committee to administratively recommend for approval of the Vice Chancellor.***

***The instance case also, to be dealt with, accordingly.***

**Action: DRMC; Registrar**

In the concluding remarks, the Chairman thanked Prof Mahapatra, Shri V V Parlikar and all other members for their participation, active deliberations and support in the meeting.

In the absence of any other point, the meeting concluded at around 1600 Hrs.

  
Cmde A K Sinha (Retd)  
Secretary & Registrar, BoM

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