

# DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY

(Deemed to be University under section 3 of UGC Act 1956)

Girinagar, Pune – 411025

No.DIAT/F/ADMIN/21<sup>st</sup> BoM/2020/01

Date: 25/09/2020

## **MINUTES OF THE 21<sup>st</sup> MEETING OF BOARD OF MANAGEMENT, HELD ON 18/09/2020 THROUGH VIDEO CONFERENCING FROM 4<sup>TH</sup> FLOOR CONFERENCE ROOM, DIAT, PUNE**

The following were present:

Dr C P Ramanarayanan, Vice Chancellor	Chairperson
Shri K S Varaprasad, DG, HR, DRDO *	Member
Shri Subir Mallick, Addl FA & JS, DRDO*	Member
Shri V V Parlikar, OS & Director, R&DE, Pune *	Member
Prof. R. K. Shevgaonkar, VC, Bennett University, Noida *	Member
Prof. Ramagopal Rao, Director, IIT Delhi *	Member
Dr. Ajit T Kalghatgi Ex-Director, (R&D), BEL *	Member
Prof. Prabhat Ranjan, VC, DY Patil International University, Pune *	Member
Dr. N. Sarat Chandra Babu, Executive Director, SETS, Chennai *	Member
Prof K Balasubramanian, Dean (SA) DIAT	Member
Prof K P Ray, Dean (SR), DIAT	Member
Prof. C R S Kumar, Professor, Deptt of CSE	Member
Prof. Sangeeta Kale, Dearn (Acad), DIAT	Invitee
Prof. D G Thakur, Professor, Deptt of ME	Invitee
Dr. Vidya Gargote, Finance Officer, DIAT	Invitee
Shri H N Sahu, Joint Registrar (Admn)	Invitee
Dr. D. Dhire, Asst Prof, Deptt of AP	Invitee
Dr. AVR Murthy, DST Inspired Faculty	Invitee
Cmde A K Sinha (Rtd), Registrar	Secretary

### **\* Attended through Video Conferencing**

Prof. Kamakoti, Professor, Deptt of CSE, IIT Madras, Prof. Bharadwad Amrutur, CeNSE, IISc, Bangalore and Dr Ajay Misra, Associate Professor, DIAT were allowed leave of absence

### **Item No.21.1:**

#### **Opening Remarks by Vice Chancellor & Chairman, BoM:**

At the outset, the Chairman welcomed all the Members and Invitees to the 21<sup>st</sup> meeting of the BoM and looked forward to valuable advise from the distinguished members to take the DIAT to greater heights in the coming years. In his opening remarks, he stated that DRDO has been supporting DIAT and now DIAT is going for upliftment in terms of taking outside projects, offering advanced M Tech courses etc.

Thereafter, the Chairman directed the Registrar, Secretary BoM to proceed with the schedule of meeting.

## Item No. 21.2

The Registrar presented the Action Taken Report (*Tabled*) on the decisions taken in the last meeting of the **BoM, held on 18<sup>th</sup> June, 2020, as per description below**

Agenda Points	Agenda points discussed	Decision	Progress / Action taken
20.5.1	Sanction of Expenditure for purchase of Scientific equipment	<p>a) The BOM decided that an expert committee may be constituted to consider the need for procurement of Vacuum FT-IR Spectrometer on PAC Basis</p> <p style="text-align: center;"><b>Action: Dean (Acad)</b></p>	Procurement in Open Tender mode lead to resultant Single Tender. Approval for resultant Single Tender being taken up in the 21 <sup>st</sup> BOM meeting.
		<p>b) The proposals for Development and manufacture of QCLs Wafer, QCLs Wafer MBE growing charges and Usage charges of Nanofabricatin facility at IIT Madras have been approved for procurement on STE basis</p> <p style="text-align: center;"><b>Action: Dr. Devnath Dhirhe Asst. Prof Deptt of AP</b></p>	<p>i) Development and manufacture of QCLs wafers on STE basis: <b>RFP sent to the vendor and reply expected by end of September 2020.</b></p> <p>ii) QLCs wafer growing charges on STE basis: <b>RFP sent to the vendor and reply expected by end of September 2020.</b></p> <p>iii) Usage charges of Nanofabrication facility at IIT Madras on STE basis: <b>RFP sent to the vendor and replied expected by end of September 2020</b></p>
		<p>c) The BoM decided that DIAT may submit proposal for delegation of financial approvals, for consideration</p> <p style="text-align: center;"><b>Action: Finance Officer</b></p>	Being included as agenda point of the 21 <sup>st</sup> BoM meeting
20.5.3	Establishment of DIAT Innovation and Incubation Centre	<p>The BOM directed that the idea may be progressed, and detailed policy may be presented in the next BoM meeting</p> <p style="text-align: center;"><b>Action: Dean (Acad)</b></p>	Completed. Policy is being presented in the 21 <sup>st</sup> BoM meeting.
20.5.4	Award of M.Tech and PhD Degrees	<p>The BOM accorded approval to award M.Tech and PhD degrees to the students, who have successfully passed the respective examinations / fulfil the requirements and found to be eligible for award of Degrees.</p> <p style="text-align: center;"><b>Action: Dean (Acad)</b></p>	Completed.

### **Item No.21.3**

#### **Confirmation of the Minutes of the 20<sup>th</sup> Meeting of BoM held on 18<sup>th</sup> June, 2020**

While discussing, on the progress on agenda 20.5.1(a) above, it was informed that on the basis of recommendations of the duly constituted committee, global tender was issued for procurement of Vacuum FT-IR Spectrometer but that resulted into single tender case. This issue was discussed in detail. DG (HR) DRDO stated that due to proposed merger of some of the DRDO Labs, it is presently not clear whether the lab, where the present activity will go, would like to continue the project. The concerned Lab must be taken on board before taking final decision on the matter. Later during discussion, DG (HR) informed that DG (ECS) has agreed to continue the project. After brief discussion, it was decided that the case for procurement of Vacuum FT-IR Spectrometer, on resultant single tender, may be progressed but approval on file to be obtained, before placing supply order on the Vendor.

After a brief discussion, as above, the BoM confirmed the minutes of the 20<sup>th</sup> Meeting of BoM.

### **Item No.21.4**

#### **Reporting Items:**

- Launching of “Pavitrapati” Ayurvedic Biodegradable Face Mask and Anti Microbial Body Suit Named “Aushada Tara
- ToT has been transferred to M/s. Siddheshwar Techtessile Pvt. Ltd., Maharashtra by DIAT for development of anti-microbial body suit in the name of “Aushada Tara”. This suit has superhydrophobic, breathing, anti-microbial, comfort feeling properties and splash resistance properties
- Recruitment of teaching and contractual non-teaching positions:

<b>Name of Post</b>	<b>Department/ School</b>	<b>No of Vacancies alongwith reservation status</b>	<b>Department specific areas of required specializations at M.Tech / Post-Graduate level</b>
Professor	School of Quantum Technology	01 (UR)	Optical Communication / Optical Instrumentation / Sensor Technology / Quantum Technology / Laser Technology / Applied Optics / Quantum Physics
Associate Professor	Electronics Engineering	01 (UR)	Signal Processing / FPGA / Wireless Optical Communication / Digital Signal Processing
	Computer Science & Engineering	01 (SC)	AI / Cyber Security /Crypto Analysis / Machine learning / big data analysis
Assistant Professor	School of Quantum Technology	02 (01 OBC 01 SC)	Optical Communication / Optical Instrumentation / Sensor Technology / Quantum Technology / Laser Technology / Applied Optics / Quantum Physics
	School of Robotics	02 (01 UR) (01 OBC)	Robotics / Mechatronics [Robot Kinematics & Dynamics, Robot Control & Programming will be preferred /desired]
	Technology Management	01 ( SC)	Human Resources Management / Innovation Management / Knowledge Management/ Intellectual Property Rights
	Electronics Engineering	02 (01 UR) (01 OBC)	Signal Processing / Detection & Estimation Theory, VLSI & Embedded Systems/ Digital Electronics/ Digital Communication

\*Associate Professor -01 (SC), Assistant professor- 02 ( OBC) & 01- SC) are backlog vacancies.

Contractual Engagement of Consultant – 01 position.

The Vice Chancellor informed that the above recruitment is required for recruiting faculty for newly established school of Quantum technology and School of Robotics alongwith recruitment for reserved category posts.

## **21.5 Agenda for discussion:**

### **21.5.1 Policy and Guidelines for DIAT Innovation and Incubation Centre (DIAT-IIC)**

The BOM in its meeting held on 18 June 2020 had accorded approval for establishment of DIAT Innovation and Incubation Centre with directions to present the policy on the matter in next meeting. Accordingly, Prof. D. G. Thakur, Director, Centre for Training and Placement (CTP), DIAT made a presentation on the Policy and Guidelines for the DIAT Innovation and Incubation Centre for approval of the BOM. The Policy and guidelines for DIAT Innovation and Incubation Centre (DIAT-IIC) is enclosed as annexure- I to the minutes.

**Discussion:** It was informed that CSIR-NCL venture center is mentoring and will hand hold for initial years. The Vice Chancellor stated that the policy will definitely help the Institute.

**Prof Shevgaonkar suggested** that Companies may be permitted to stay in DIAT IIC for a maximum period of two years instead of proposed three years, with provision that DIAT- IIC may, at its own discretion, permit companies to extend their stay for a maximum period of another 12 months.

**Dr. N. Sarat Chandra Babu suggested** that thrust area for DIAT-IIC be identified.

**Dr Prabhat Ranjan suggested** that security concerns of a defence establishment be ensured.

**Dr. Ajit T Kalghatgi suggested** that (a) Codes applicable to defence technology be followed. (b) Any proposal from the public to be screened with security angle also. (c ) Faculty of DIAT in CEO role should be not more than for three months, if it becomes commercial venture. (d) DIAT should ensure compliance of security and cyber security norms. (e) The DIAT IIC should respond to DIAT as service provider. Incubate/ Start Ups should pay towards the services provided by DIAT.

**Prof Ramagopal Rao suggested** that DIAT must have bigger objectives. It should develop as defence related start up hub and defence related incubators can come to DIAT. Liability free (paid-up) equity to be assigned to DIAT for providing incubation facility, infrastructure services in all cases may be kept negotiable instead of fixed 3%.

**Decision:** The BoM accorded approval to the adoption of the above policy after incorporating the suggestions made by the members. However, a separate Note on financial aspects, to be sent to the Addl FA, DRDO for concurrence before implementation of the policy.

**Action: Director CTP,  
Finance Officer**

## 21.5.2 Proposal of additional delegation of financial powers for approval

With reference to the subject cited above, as per the delegated financial powers to Vice Chancellor promulgated vide statutes and GOI Ministry of Defence letter DHRD/70500/DIAT/DU/FR/C/M/02448/D(R&D) dated 25<sup>th</sup> Sep 2007, amended as decided during the DIAT Board of Management meeting held on 13<sup>th</sup> DEC 2013 and promulgated vide Appendix-A to the minutes of the meeting circulated vide DIAT letter No.DIAT/F/10(3)/BOM/2013-ADM dated 06.01.2014, Vice Chancellor has power to sanction for expenditure for purchase of scientific equipment is upto Rs.25 lakhs on STE basis and Rs.100 lakhs on PAC basis.

In 20<sup>th</sup> Board of Management Meeting (BoM) held on 18.06.2020, Vice Chancellor requested to increase the limit of Financial powers. It was suggested that a comprehensive list of power delegations may be prepared for consideration by BoM. Additional FA (DRDO) suggested that DIAT may follow DRDO delegation of powers for PAC items STE mode of procurement.

The proposed financial powers are in line with Financial Powers of DRDO (Reference: PIB dated 27.06.2018).

Particulars	Present Sanctioning Power	Proposed Sanctioning Power
Sanction of Expenditure for purchase of Scientific Equipments	1. Rs.25 Lakhs on STE basis 2. Rs.100 Lakhs on PAC Basis 3. Rs.700 lakhs on LTE/Open/Global Tender	1. Rs 2.5 Crore on STE basis 2. Rs 5 Crore on PAC Basis 3. No Change

**Decision:** The matter will be discussed at DRDO HQ and approval of competent authority will be obtained before communication to DIAT

**Action: Finance Officer. DIAT**

## 21.5.3 Appointment of Chartered Accountant empanelled with C & AG of India, as internal auditors of DIAT (DU)

- a) Quotations were called from 07(Seven) Pune based CA firms, empanelled by C& AG of India for appointment as Internal Auditors of DIAT(DU) from 2020-21 to 2022-23. Last date for submission of quotes was 10th July 2020. Till this date, 04(Four) firms submitted quotes, in response to DIAT tender enquiry.
- b) The committee appointed by Vice Chancellor scrutinized and evaluated the quotations.
- c) M/s Shete Shete & Co., Pune, quoted lowest rates and was declared as L1.(Rs.1,00,000/-, Rs.1,05,000/- and Rs.,1,10,000/- for F.Y.2020-21, 2021-22 and 2022-23 respectively; GST (at applicable rates) and Out of Pocket expenses extra, at actual).
- d) In view of the above, Vice Chancellor has approved the appointment of M/S Shete Shete & Co., Pune as Internal Auditors of DIAT, from F.Y.2020-21 to 2022-23 (tenure of three years) with an audit fees, as stated above.

- e) BOM was requested to ratify and approve the appointment of M/s Shete Shete & Co., Pune as Internal Auditors of DIAT, from F.Y.2020-21 to 2022-23 (tenure of three years) with audit fees, as mentioned above.

**Decision:** After brief discussion, the BoM ratified the above proposal.

**Action: Finance Officer**

#### **21.5.4 Approval of 5 yrs AQAR for submission to NAAC**

AQAR for the University is made for the period of 5 years 2015-2020 for submitting to National Assessment and Accreditation Council (NAAC)

The report consist of following attributes-

- a) Curricular aspects
- b) Teaching, learning and Evaluation
- c) Research Innovation and Extension
- d) Infrastructure and Learning sources
- e) Student support and Progression
- f) Governance, leadership and management
- g) Institutional values and Best practices

AQARs were placed before the BOM for consideration and approval.

**Discussion:** It was informed that DIAT is willing for cycle 2 assessment and accreditation by the NAAC. Online submission of the AQARs for five years, are the pre-requisite for submission of Self Study Report to the NAAC for next assessment cycle.

**Decision:** After brief discussion, the BoM approved the AQARs for submission to the NAAC.

**Action: IQAC, DIAT**

#### **21.5.5 Ratification of procurements done on STE basis**

Following is the LP indent for post-facto approval / ratification of BoM:

ERP No: D/Applied Physics/1323,  
Description of Item: Quantum Entanglement Demonstration Kit with 04 Add-  
ons  
Estimated Cost: Rs. 59.00 Lakh,  
Mode of procurement: Single Tender  
Indenting Officer: Dr. AVR Murthy, Dept of Applied Physics.

**Decision:** After brief discussion, the BoM approved the above proposal.

**Action: HMMG**

#### **21.5.6 Presentation by EWO on present infrastructure at DIAT**

Shri K K Sawant, EWO presented the update on the infrastructure improvement activities and renovation of facilities, underway including new works proposals (yet to be sanctioned).

#### **21.6 Any other point with the permission of the Chair**

In the absence of any other point, the meeting concluded with vote of thanks to the Chair. The Chairman thanked all the members for their active participation.

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

Encl: As above