

फैक्स / Fax No. : (020) 24389241
वेबसाईट / Website : www.diat.ac.in



(सम विज्ञविद्यालय), गिरिनगर, पुणे - 411025
Defence Institute of Advanced Technology
(Deemed University), Girinagar, Pune-25
आय एस ओ 9001 प्रमाणित संस्थान
ISO 9001 Certified Institute
(रक्षा अनुसंधान एवं विकास संगठन से पूर्णवित्तीय पोषित
स्वायत्त संस्थान, रक्षा मंत्रालय)
(An Autonomous Organisation fully funded by
Deptt of Defence R&D, Ministry of Defence)

उत्तर " कुलपती" को भेजे जाएं।
Replies are to be addressed
To "The Vice Chancellor"

No. DIAT/F/ADM/25th BoM/2021/

Dated 2nd Nov 2021

**All Members of the Board of Management
Defence Institute of Advanced Technology
(Deemed to be University)**

**Subject : Minutes of the 25th meeting of the Board of Management held
on 1st November, 2021**

Dear Sir,

1. Please find enclosed herewith the copy of minutes of the 25th meeting of the BoM of DIAT, duly approved by the Chairman, BoM held on 1st November, 2021, through video conferencing, for your information, records and necessary action please.
2. Kindly acknowledge the same.

Comde A K Sinha, VSM (Retd)
Registrar
Ph: 020-24304021

To,

DRDO Members

1. Shri K S Varaprasad, DS & DG (HR), DRDO, DRDO Bhawan, Rajaji Marg, New Delhi 110011, Telephone - 011-23016163, Fax: 011-23016127
2. Shri Vedveer Arya, Addl. FA & JS - DRDO, DRDO Bhawan, Rajaji Marg, New Delhi - 110011, Telephone: 011-23010159, Fax: 011-23016217
3. Shri P M Kurulkar, OS & Director, Research & Development Establishment (RDE), Pune, R & DE (Engrs), Kalas, Alandi Road, Pune- 411 015

External Members

1. Dr. Raghunath K. Shevgaonkar, Former Director, IIT Delhi and Professor Emeritus, IIT Bombay, B-301, Lake Homes, Phase-2, Near Gopal Sharma School, Powai – 400076

...2/-

2. Prof. V. Ramgopal Rao, Director, Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110 016, Tel - 011-2659 1701, Fax- 011-2658 2659 Email: director[at]admin.iitd.ac.in
3. Prof. Prabhat Ranjan, Vice Chancellor, (Member, AICTE Committee), D Y Patil International University, Sector 29, Nigdi Pradhikaran, Akurdi, Pune 411044
4. Prof. Bharadwaj Amrutur, Professor, Centre for Nano Science and Engineering (CeNSE), Indian Institute of Science, Bangalore, Karnataka, India, Email: amrutur@iisc.ac.in, Phone:080-22933172 Phone: 80-2293 3276 080-2293 3291
5. Prof. V. Kamakoti, Professor, Department of Computer Science & Engineering, Indian Institute of Technology Madras , Email: kama@cse.iitm.ac.in Tel: 044-22574350, Fax:044-22574352, Chennai - 600036
6. Dr. Ajit T Kalghatgi, Ex-Director, (R&D), Bharat Electronics Limited (BEL), Outer Ring Road, Nagavara, Bangalore - 560045, Mob: 09448049327, Email: ajitkalghatgi58@gmail.com
7. Dr. N. Sarat Chandra Babu, Executive Director, Society for Electronic Transactions and Security (SETS), Chennai, MGR Knowledge City, CIT Campus, Taramani Chennai - 600113, Phone: 0446632505, Fax: 04466632501

Internal Members

1. Prof. A. Kumaraswamy, Dean (Students Affairs), DIAT
2. Prof S. K. Panigrahi, Dean (Sponsored Research), DIAT
3. Prof. CRS Kumar, Professor, Deptt of CSE, DIAT
4. Dr. Ajay Misra, Asso Prof & HoD, Aerospace Engg, DIAT

Copy to:

VC, DIAT (DU) Pune

DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY
(Deemed to be University under section 3 of UGC Act 1956)
Girinagar, Pune- 411025

No.DIAT/F/ADMIN/25th BoM/2021/01

Date: 01/11/2021

MINUTES OF THE 25TH MEETING OF BOARD OF MANAGEMENT,
HELD ON 01/11/2021 THROUGH VIDEO CONFERENCING FROM
4TH FLOOR CONFERENCE ROOM, DIAT PUNE

The following were present:

Dr C P Ramanarayanan, Vice Chancellor	Chairperson
Shri K S Varaprasad, DS & DG(HR), DRDO*	Member
Shri Vedveer Arya, Addl FA & JS, DRDO*	Member
Prof. R. K. Shevgaonkar, Professor Emeritus IIT Bombay*	Member
Dr. Ajit T Kalghatgi Ex-Director, (R&D), BEL*	Member
Prof. V Ramgopal Rao, Director, IIT Delhi*	Member
Prof. Prabhat Ranjan, VC, DY Patil International University, Pune*	Member
Dr. N. Sarat Chandra Babu, Executive Director, SETS, Chennai*	Member
Prof. Bharadwaj Amrutur, Professor, IISC, Bangalore*	Member
Prof S K Panigrahi, Dean (SR), DIAT	Member
Prof. C R S Kumar, Professor, Deptt of CSE	Member
Prof. K Balasubramanian, Dean (Acad), DIAT	Invitee
Dr. Shaibal Banerjee, HOD, Deptt of AC, DIAT	Invitee
Dr. Vidya K Gargote, Finance Officer	Invitee
Cmde A K Sinha (Retd), Registrar	Secretary
*Attended through Video Conference	

Prof. V Kamkoti, IIT Madras, Shri P M Kurulkar, OS & Director, R&DE, Pune, Prof A Kumaraswamy DIAT, and Dr. Ajay Misra, DIAT were allowed leave of absence.

Item No.25.1:

Opening Remarks by Vice Chancellor & Chairman, BoM:

At the outset, the Chairman welcomed all the Members and Invitees to the 25th meeting of the BoM and thanked all the members that they agreed to attend the meeting at such short notice.

Chairman welcomed Shri Vedveer Arya, Addl FA & JS (R&D), DRDO who assumed the charge of Addl FA&JS (R&D) at DRDO HQ.

Chairman also mentioned that DIAT was able to get a number of Sponsored Research projects worth around Rs. 12 crores during the intervening period between the last and this BoM.

Further Chairman mentioned the notable achievements in terms of research projects viz., development of photonic radar with the internal funding that will be presented shortly to DRDO HQ. He also mentioned progress made in the area of free space optical communication.

Chairman, further mentioned that DIAT is also working on non-inflammable hydrogen research as futuristic technology which would make it easy and safe to transport, storage and operation.

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

Item No. 25.2

The BoM was informed of the progress on minutes of 24th Meeting of BoM held on 23rd June 2021

Agenda Points	Agenda points discussed	Decision	Progress / Action taken
24.5.1	Amendment to Rule 16 of Rules and Regulations Governing Service Conditions-2009	The BoM approved the aforesaid amendments to the Rule 16 of DIAT Rules and Regulations Governing Service Conditions, 2009 as stated above.	Action completed. The orders to this effect has been published in vide DO Part-119/2021
24.5.2	Approval of the M.Tech, PhD and MS (By Res) results of the Academic Year 2019 -21	The BoM has accorded approval of the M.Tech, PhD and MS (By Res) results of the Academic Year 2019 -21 presented by the CoE. The list of degrees awarded to students is attached as Anneuxre-24.5.2	Action completed.
24.5.3	Approval for establishment of three schools	The BoM after discussion and deliberations have accorded approval for the establishment of the above schools.	Action completed
24.5.4	Sanction of expenditure for purchase of scientific equipment	After detailed discussions, the BOM decided to authorize the Vice Chancellor to procure the aforesaid scientific equipment on single tender basis subject to following the guidelines as laid down in DRDO PM 2016	Noted for compliance
24.6.1	Ratification of additional Budget Estimates DIAT for the FY 2021-22	BoM recommended / ratified the proposal of DIAT to seek additional funds from DRDO HQ.	Action completed. The proposal for additional budget for the FY 2021-22 has been submitted to DRDO HQ

Item No.25.3

Confirmation of the Minutes of the 24th Meeting of BoM held on 23rd June 2021

After brief discussion, the BoM confirmed the minutes of the 24th Meeting of BoM.

Item No.25.4 **Reporting items**

The following items have been reported to the BoM

➤ NIRF Ranking

- National Institute of Ranking Framework, Ministry of Education, Gol
- Institute participated in the Engineering category
- All India ranking 58th, Maharashtra Ranking is 5th

➤ **M Tech's- AICTE Application Submitted**

- During the admission through CCMT platform it was noticed that some of the PG courses are in huge demand that can be offered in DIAT(DU).
- This was discussed and debated in DIAT Council meeting and it was proposed that two PG courses, Green Technology and Renewable Energy shall be loaded for taking AICTE approval.
- Applications were submitted for two courses M Tech in Green Technology and M Tech in Renewable Energy for AICTE approval that will be supported by faculty members of most of the Departments.

➤ **CCMT Admission details**

- Aerospace Engineering : 37
- Mechanical Engineering : 33
- Optical Communication : 03
- LEO/Sensor : 16
- Electronics : 38
- Robotics and Automation : 19
- Quantum Communication : 08
- Artificial Intelligence : 13
- Cyber Security : 14
- Modelling and Simulation : 20
- Materials Engineering : 05
- Materials Science and Chemical Technology: 11
- Data Science : 20
- Technology Management : 07
- Total CCMT : 244
- Total Sponsored : 61

Total : 305

➤ **Foreign Students enrolments:**

- Foreign Students enrolled for PG and PhD programmes.
- M Tech: 6 (Ethiopian) + 1 (Bangladeshi)
- PhD: 4 (Bangladeshi) + 1 (Ethiopian)

➤ **Product Launch by DIAT**

- Healthy Air: DIAT (DU), has developed a herbal biocidal room spray named 'Healthy Air' to kill bacteria, yeast, and mold, on Gandhi Jayanthi (2nd October 2021).
- Healthy Air supports respiratory conditions in a healthy way, does not affect brain neural sensing and useful for people suffering from allergic reactions, breathing problems related to asthma, headache, nasal irritation, or soreness in the throat as the product is mainly made of natural herbal extracts which work as an immunity booster.
- Technology was transferred free of cost to Vaishnavi Khadi Gramodyog, Solan, Himachal Pradesh [Registered under the Khadi institutions] and M/s Sai Krupa,

Pune as the firm has an association with Khadi and Village Industries, Govt of India. Initial order expected from Banking Industry.

- Launch of “Silvo Kavach” (nanomaterial water-based antimicrobial solution)
- **Schools as per AC Meeting. AC has recommended the opening of the following schools:**
 - School of Advanced Materials and Manufacturing
 - School of Strategic and Futuristic Technology
 - School of Energy and Environmental Science
- **RM Visit details to DIAT (DU)**
 - Raksha Mantri Shri Rajnath Singh visited Defence Institute of Advanced Technology (DIAT), a deemed to be University, for its 6th General Body Meeting on 27th August 2021. He is Chairman & Chancellor of the Institute.
 - Speaking on the occasion, he said, it is a matter of great pride that DIAT has been contributing towards nation building by conducting advanced courses in science and technology related to defence and national security.
 - During the address he mentioned that since DIAT(DU) is researching towards self-reliance in critical defence technologies, they should apply for Institute of National Importance.
- **Institute of National Importance**
 - RM wished that DIAT(DU) should submit papers and applications for recognition as Institute of National Importance.
 - DIAT had made the detail report and submitted to DRDO HQ for necessary support.
- **National Board of Accreditation**
 - NBA- SAR submitted for M Tech Electronics and M Tech Computer Science and Engineering
 - NBA Pre qualifier applications approved for M Tech Aerospace, Modelling and Simulation and Mechanical Engineering
 - NBA Pre qualifier will be applied for Laser and Electro optics and Materials Engineering.

Agenda for discussion:

25.5.1 Approval of the Annual Report 2020-21

The draft Annual Report for the year 2020-21 [PDF copy] has been circulated to all the members through email.

Discussion: The brief of Annual Report 2020-21 presented by Dean (Acad) were discussed. Dr. Prabhat Ranjan opined that while preparing the Annual Report the report should be elaborative with the salient points and achievements for the year.

Decision: The BoM has approved the Annual Report for year 2020-21.

[Action: Dean (Acad)]

25.5.2 Review of the Actual Expenditure of DIAT (DU) for the F.Y. 2021-22 (upto 30.09.2021) and requirement of additional funds.

Review of the Actual Expenditure for the year 2021-22 Forecast Budget Estimates for the year 2022-23 presented in 25th FC meeting held on 13/10/2021 is enclosed as per **Annexure- I and II (A & B)**, for approval of BoM.

Discussion: Finance Officer, DIAT had informed that the review of the actual expenditure of DIAT (DU) for the FY 2021-22 and requirement of additional funds were presented in the 25th Finance Committee meeting which recommended for approval of the BoM. The agenda point presented by FO has been discussed in detail.

Decision: The BoM has approved the revision of the expenditure of DIAT (DU) for the F.Y. 2021-22 including requirement of additional funds.

[Action: FO]

25.5.3 To consider and approve Budget Estimates for the F.Y. 2022-23

The BE for the FY 2022-23 presented in 25th FC meeting held on 13/10/2021 is enclosed as **Annexure-I of 25.5.2** for approval of BoM.

Discussion: Finance Officer, DIAT had informed that the budget estimates for the FY 2022-23 **Annexure-I of 25.5.2**, were presented in the 25th Finance Committee meeting which recommended for approval of the BoM. The agenda point presented by FO has been discussed in the BoM.

Decision: The BoM has approved the forecast Budget Estimates for the F.Y. 2022-23.

[Action: FO]

25.5.4 Approval of Audited Accounts of the Institute for the F.Y. 2020-21

The Audited Accounts of the institute for the FY 2020-21 presented in 25th FC meeting held on 13/10/2021 is enclosed as **Annexure-III** for approval of BoM.

Discussion: Finance Officer, DIAT had informed that the audited accounts for the FY 2020-21 were presented in the 25th Finance Committee meeting which recommended for the approval of BoM. The Audited Accounts for the Financial Year 2020-21 presented by FO was discussed in detail.

Decision: The BoM has approved the Audited Accounts of the institute for the Financial Year 2020-21.

[Action: FO]

25.5.5 Adoption of the Central Civil Services (Payment of Gratuity under NPS) Rules, 2021

At present, the teaching and non-teaching staff of DIAT are covered under the National Pension System (NPS).

The Govt of India has published the rules called the **Central Civil Services (Payment of Gratuity Under NPS) Rules, 2021** vide its Gazette Notification dtd 23/09/2021 for employee those covered under New Pension Scheme.

Since, the employees of DIAT are already covered under NPS, compliance with the provisions under this Gazette Notifications of Govt of India is the mandatory requirements.

BoM approval is sought for adoption of the Central Civil Services (Payment of Gratuity Under NPS) Rules, 2021.

Discussion: The agenda point of adoption of the CCS (Payment of Gratuity under NPS) Rules was discussed in the BoM. It is opined that the provisions have been promulgated by the Govt of India vide its Gazette Notifications dtd 23/09/2021 and the teaching and non-teaching staff are already covered under NPS, compliance with the provisions under this notification is mandatory requirements.

Decision: The BoM approved the adoption of Central Civil Services (Payment of Gratuity under NPS) Rules, 2021 for teaching and non-teaching staff of DIAT

[Action: Registrar]

25.5.6 Issuing degrees for PG/PGD courses to all Naval Officers attending course at Naval Training Institutions, from DIAT

Presently Naval Training Units are affiliated to various Universities such as CUSAT, JNU, Mumbai University, Goa University, Chennai University, Osmania University etc. for PG / PGD degrees.

Approval in principle of BoM is requested to approach the Naval HQ for these Training Units to be affiliated to DIAT for award of PG / PGD Degrees / Diplomas.

Discussion: The Director, School of Defence Technology presented the point and explained. The esteemed members discussed the matter in detail and opined that the proposal should come from the Naval HQs.

Decision: After detailed deliberations, it was opined that if any proposal is received, the same may be put up to BoM for consideration.

[Action: Director, SDT]

25.6 Any other point with the permission of the Chair

25.6.1 To consider DIAT staff on deputation basis

The DOPT vide its OM No. 2/29/91-Estt (pay II) dtd 5th Jan, 1994 provided the guidelines for transfer on deputation / foreign service of Central Govt employees to ex-cadre posts under the Central Government / State Government / PSUs / Autonomous Bodies / Central Universities / UT Administration / Local Bodies etc and vice versa subject to the guidelines amended from time to time.

BoM is requested to approve the enabling provision to DIAT Non-teaching staff / officers on deputation as per the standard terms and conditions of DOPT, amended time to time.

Discussion: The Secretary, BoM informed that the provision of deputation in r/o academic staff was approved by BoM. Requests from Non-teaching staff are also being received to allow them on deputation for better career prospects and hence being proposed.

The agenda point was discussed in detail, BoM opined that DIAT being a small institute sending staff on deputation will result in the shortage of manpower and will affect the functioning of the institute.

The Chairman informed that it is an enabling provision. The DG-HR opined not to make any enabling provision at this point of time and if there is any specific requirement can be put up to BoM.

[Action: Registrar]

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