

दूरभाष / Tel No : (020) 24604408
फैक्स / Fax No. : (020) 24389411
वेबसाईट / Website : www.diat.ac.in
ईमेल / E-mail: registrar@diat.ac.in



उन्नत प्रौद्योगिकी रक्षा संस्थान

(सम विज्ञानविद्यालय), गिरिनगर, पुणे - 411025

Defence Institute of Advanced Technology

(Deemed University), Girinagar, Pune-25

(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)

No. DIAT/F/ADM/11th PMB/2024

Dated 12th June 2024

All Members of the Planning and Monitoring Board
Defence Institute of Advanced Technology
(Deemed to be University), Pune.

**SUBJECT: MINUTES OF THE 11TH MEETING OF THE PLANNING AND MONITORING
BOARD HELD ON 04/06/2024**

Dear Sir / Madam,

The minutes of the 11th PMB meeting held on 04/06/2024, approved by Chairman, PMB is attached herewith for your perusal and comments please.

2. It is requested that comments, if any, on these minutes may please be communicated to the undersigned by email (registrar@diat.ac.in) within one week. If no comments are received, it would be presumed that minutes as recorded are in order and further action on the implementation of the decision shall be taken accordingly.

Thanking you.

Yours faithfully,

(Kamal Kumar Bajre)
Secretary-PMB & Registrar
Ph: 020-24604408

External Members:

1. Dr. Makarand Joshi, OS & Director, R&D(Engrss.), Dighi, Pune - 411 015
2. Shri G. I. Wadhwa, CCE (R&D) West Rep., Pashan, Pune-411021
3. Maj. Sourav Gupta, GE (I) R&D, Girinagar, Pune – 411025

Internal Members

4. Prof. Balasubramanian K, Dean (Academics), DIAT (DU) Pune - 25
5. Prof. P. K. Khanna, Dean (Student Affairs), DIAT (DU) Pune - 25
6. Dr. Sunil Chandel, HoD, Mechanical Engg, DIAT (DU) Pune-25
7. Prof. K. P. Ray, HoD, Electronics Engg, DIAT (DU) Pune - 25
8. Dr. Shweta Saxena, HoD, Applied Chemistry, DIAT (DU), Pune-25
9. Dr. Suwarna Datar, HoD, Applied Physics, DIAT (DU), Pune – 25
10. Dr. Vidya Gargote, Finance Officer, DIAT (DU) Pune - 25

Copy to:

VC, DIAT (DU) Pune

योजना एवं निगरानी बोर्ड की ग्यारहवीं बैठक के कार्यवृत्त
**MINUTES OF THE 11th MEETING OF THE
PLANNING AND MONITORING BOARD**

4th June, 2024



उन्नत प्रौद्योगिकी रक्षा संस्थान
(सम-विश्वविद्यालय)
गिरीनगर, पुणे – 411025

**Defence Institute of Advanced Technology
Pune- 411025, Maharashtra**

**DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY
PUNE****11th MEETING OF THE PLANNING AND MONITORING BOARD
TUESDAY, JUNE 04, 2024**

Item No.	Particulars
PMB -11.1	Opening Remarks by Vice Chancellor & Chairman, Planning and Monitoring Board
PMB -11.2	Action taken report on the decisions taken during the 10 th Meeting of Planning and Monitoring Board
PMB-11.3	Confirmation of the Minutes of the 10 th meeting of Planning and Monitoring Board
PMB-11.4	Reporting Items
PMB-11.5	<u>AGENDA ITEMS FOR DISCUSSION</u>
PMB-11.5.1	Updates of proposal wherein AoN has been received.
PMB-11.5.2	Proposal under consideration.
PMB-11.5.3	Proposal for New Academic Complex.
PMB-11.6	Any other items with the permission of Chair.

* * * * *

DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY

Minutes of 11th Meeting of the Planning and Monitoring Board held on 4th June, 2024 from 10:30 A.M. in the 4th Floor Conference Room, DIAT, Pune.

The following were present:

- | | | |
|-----|--|--------------|
| 1) | Dr. B.H.V.S Narayana Murthy
Chairperson, PMB DIAT | Chairperson |
| 2) | Prof. P. K Khanna
Dean(Students Affairs), DIAT | Member |
| 3) | Prof. Balasubramanian K.
Dean (Acad), DIAT | Member |
| 4) | Prof. K. P. Ray
HoD, Electronics Engg., DIAT | Member |
| 5) | Prof. Sunil Chandel
HoD, Mechanical Engg., DIAT | Member |
| 7) | Dr. Suwarna Datar
HoD, Applied Physics, DIAT | Member |
| 6) | Dr. Shweta Saxena
HoD, Applied Chemistry, DIAT | Member |
| 8) | Lt. Col. S. V. Sawant
Addl CCE R&D(West), Rep. | Rep of CCE-W |
| 9) | Maj. Saurab Gupta
GE (I) R&D, Girinagar, Pune | Member |
| 10) | Dr. Vidya Gargote
Finance Officer, DIAT | Member |
| 11) | Shri Kamal Kumar Bajre
Registrar, DIAT | Secretary |
| 12) | Amarjeet A. Devidas
Assistant Registrar & EWO | Invitee |

Leave of absence was granted to Dr. Makarand Joshi OS & Director, R&D(Engrss.), Pune.

The Registrar and Secretary-PMB welcomed all members present at the meeting and introduced Dr. B. H. V. S. Narayana Murthy, Former Director General (Missiles & Strategic Systems) who has taken over the charge as Vice-Chancellor w.e.f 20/03/2024 and is ex-officio Chairman of PMB. He, also placed on record the contribution of the former Vice-Chancellor Dr. C. P. Ramanarayanan who completed his tenure on 11th March 2024. The PMB noted his remarkable efforts and leadership under which DIAT has achieved name and fame.

Item No. 11.1 Opening remarks by the Vice Chancellor and Chairman-PMB.

At the outset, the Chairman, PMB welcomed all the members and thanked for making themselves available to attend the meeting.

Thereafter, the agenda items were taken up as follows:

Item No. 11.2 Action taken report on the decisions taken during the 10th Meeting of Planning and Monitoring Board.

<u>Agenda items</u>	<u>Agenda items discussed</u>	<u>Decision</u>	<u>Progress / Action taken</u>
Item No. 10.4.1	Present status of ongoing construction activities undertaken by CCE-W, Pashan	The Chairman, PMB informed that the work of mini auditorium be completed before 30 th Sept, 2023 or at the earliest.	Work completed.
Item No. 10.4.2	Present status of ongoing construction activities undertaken by GE (I) R&D, Girinagar, Pune-25.	Concerns of GE(I) R&D were noted. The Chairman, directed EWO to get all structural drawings of DIAT buildings from CCE-W, which have been constructed by CCE-W. He further directed that proposal of Setting up of Advanced Laboratory for Research and Development of Quantum Communication, Quantum Computing and Quantum Sensing at DIAT, Girinagar, Pune be re-submitted to DCWE for sanction of funds from DRDO HQ.	The CCE-W was requested to handover the buildings constructed by them, which is in process. Case for funding to the SQT for the said proposal has been submitted to DRDO HQ.
Item No. 10.4.3	Presentation by HoD, Electronics Engineering on Centre for Excellence in Radar System.	The Chairman directed HoD, EE to submit detailed justification for condonation of delay, on priority.	A fresh SoC on the subject matter has been submitted to DRDO HQ.
Item No. 10.4.4	Presentation by Director, School of Defence Technology, Pune.	The Chairman directed EWO to forward the above proposal to DRDO HQ for obtaining AoN on priority.	SoC on the subject matter was submitted to DRDO HQ. However, it was

			returned for re-examination.
Item No. 10.5	Any other item with the permission of the Chair.		
Item No. 10.5.1	Present status of new Guest House (NGO Hostel), DIAT(DU).	The Chairman stated that after renovation and merging of existing Guest House rooms, only six rooms are available for allotment. Therefore, DIAT is facing acute shortage of Guest House accommodation. Hence, the need of new Guest House is necessary. He directed EWO to expedite the matter with DRDO HQ, on priority.	The proposal of Add/Altrn and reappropriation of NGO is taken up by EMU-Pashan. Handing over of the buildings to EMU including Gole Market has been completed by MES.

The PMB noted the action on the decision taken in 10th PMB meeting as above.

While reviewing the Action Taken Report of agenda Item No: 10.5.1, the Planning and Monitoring Board directed to the Rep of CCE (R&D), Pashan to expedite the matter for formal handing over the inventories and Room No. 112 [Takshshila Smiriti]. Lt.Col. S. Sawant, Addl CCE-W/ Rep assured that the handing over shall be done in a week.

[Action: CCE(R&D), West, Pashan]

Item No. 11.3

Confirmation of the Minutes of the 10th meeting of Planning and Monitoring Board.

It was noted that the minutes of 10th PMB held on 21st August 2023 were circulated and no comments have been received. Therefore, the minutes of 10th meeting of the PMB **confirmed**, as circulated.

Item No. 11.4

Reporting items

Following works related reporting items were presented by AR and Estates and Works Officer to the Board:

- i) Installation of BER items i.e. AC, Fans, Geysers and Water Coolers etc. The AR & EWO stated that following list of BER items were sanctioned against BER by DRDO HQ are currently being installed. The present status of BER items is enclosed as Annexure 11.4.

ii)	Completion of Welcome maintenance work of 'DIAT House' P-1	Completed
iii)	Provision of Shed at Student Cafeteria	Work under process
iv)	Extension and Refurbishment of Power Metallurgy Lab	Work under process
v)	Handing over of NGO & Gole Market by MES to EMU	Work under process

vi)	Installation of new wiring connections for the PLIF System (Aerospace Engg Facility) Near Dept Canteen, MILIT at DIAT, Girinagar Pune	GE informed that the work is at tender finalization stage
vii)	Addition/Alteration in Room NO 214 in M.Sc Food Tech lab of Department of Applied Chemistry at DIAT, Girinagar, Pune – Action in Hand-User.	EWO stated that AEs on the subject matter has been received and same is being forwarded to user for confirmation.
viii)	Provision of DG Set supply for Ganga hostel (A, B, C and Kalam Block) at DIAT	Action in hand

Item No. 11.5 Agenda items for discussion**Item No. 11.5.1 Updates of proposal wherein AoN / NoC has been received.**

Assistant Registrar and Estates and Works Officer briefed on following works wherein AoN / NoC from DRDO HQ has been obtained:

(i) Special Repairs of Type-IV and V Qtrs:

DRDO HQ vide letter No. DHRD/70500/DIAT/DU/ AoN/C/M/01dtd 20/05/2024 conveyed that the approval of the Competent Authority has been accorded on Acceptance of Necessity (AoN) on the proposal for Special Repairs of Type-IV and Type-V Qtrs of DIAT. Accordingly, the Convening Order on the subject matter is being issued for further necessary action.

The PMB stated that further necessary action on the subject be expedited on priority. PMB further advised that similar case of Special Repair for DIAT Bungalows may also be processed for obtaining AoN by DRDO HQ.

[Action: EWO]

(ii) Installation of mobile towers at DIAT, Girinagar campus to improve mobile connectivity and boosting network coverage inside the campus

DRDO HQ vide letter No. DHRD/70500/DIAT/DU/ AoN/C/01 dtd 08/05/2024 conveyed that Acceptance of Necessity for the work has been approved by Secretary, DD(R&D) and Chairman DRDO. Further, it has been advised to convene a Board of Officers (BOO) to work out the details of land required for installation of such communication tower / towers calculate the cost of lease along with the DEO and submit the complete proposal afresh with full details for sanction of the Competent Authority. Accordingly, the Convening Order on the subject matter is being issued for further necessary action.

The AR & EWO further stated that he visited AQMG Branch, NDA to confirm the procedure followed by NDA as recently NDA have erected mobile towers facility in their Campus. He stated that as per the new guidelines DIAT needs to register on Gati Shakti Portal to process the case.

The PMB stated that further necessary action on the subject be expedited.

[Action: EWO]

Further, AR & EWO intimated that the following works proposal is under consideration at DRDO HQ wherein AoN is awaited:

- i) Setting up an Advanced Laboratory for Research and Development of Quantum Communication, Quantum Computing and Quantum Sensing at DIAT, Girinagar, Pune”
- ii) Extension of Library reading room facility
- iii) Refurbishment /Renovation of room no. 10 & 30 for optimum space utilization of office space, at DIAT Girinagar Pune
- iv) Renovation of Existing MT office, hard patching and provision of parking space for LMVs with washing facility at DIAT, Pune
- v) Establishment of Center of Excellence (COE) in RADAR System at DIAT, Pune
- vi) Addl/Altn of the existing Security office and Provision of Room, covered parking space and shed for Technical Gate at Security office at DIAT, Pune
- vii) Upgradation /replacement of existing servers, storage & network components of DIAT IT infrastructure in “data center, SoCE& MS for DIAT, Pune

The PMB noted all above proposal and appreciated that DIAT has been taking remarkable efforts for continuously improving the infrastructure projects to meet the critical requirements.

[Action: EWO]

Item No. 11.5.2 Proposal under consideration

AR & EWO informed that Approximate Estimates (AEs) on the following are required from GE(I) R&D, Girinagar, Pune-25

Sr No	Name of the work	Remarks
i)	Renovation of room No 170A (coating Lab) at P-77 (Mechanical Engg, DIAT Pune – Lab In-charge – Prof. D. G. Thakur	The PMB asked GE(I) to submit the AEs on priority. GE(I) informed that AEs shall be submitted within a week time. [Action: GE(I), Girinagar]
ii)	Extension and Refurbishment of Design and Development of Ultrafast Fiber Laser for Terahertz Generation and Detention Lab – Lab In-charge – Dr. Shyamal Mondal	GE (I) stated his team is in touch with both of users and AEs of the respective labs are submitted immediately after completion of existing infrastructure work. GE(I) requested to Chairman, PMB an order of re-appropriation to establish laboratory works may be issued.
iii)	Renovation and Refurbishment of materials Chemistry and Device Fabrication Laboratory (Room No. 7) at DIAT, Pune – Lab In-charge - Dr. Fiyanshu Kaka	[Action: GE(I) and AR & EWO]

iv)	Data Science Labs – 3 Nos	The PMB asked GE(I) to submit the AEs on priority. [Action: GE(I), Girinagar]
v)	Proposal to increase electrical supply load of Admn Block	In view of increasing power consumption and installation of new equipment / appliances over the period, it is noted that present power supply load is not adequate resulting in frequent power disruption. This may cause damages to scientific equipment and interrupt routine work. AR & EWO informed that a request has been made to MES to expedite increased load capacity of main building. The PMB resolved that since the enhancement of power load is essential requirement and needs to be treated priority. The PMB asked GE(I) to submit the SoC including all required provisions for enhancement of load on priority. GE(I) stated that proposal shall be submitted within two weeks. [Action: GE(I), Girinagar]
	Proposal to BER items i.e. DGs / Lifts of Admn / CV Raman / Ganga Hostel	AR & EWO informed PMB that there are certain items which requires BER processing. Replacement against these items may be initiated by MES i.e. Service Lifts of main building, Lifts of Ganga Hostels, DG sets of CV Raman and Main building including other items. The PMB asked MES to take up items on priority. [Action: GE(I), Girinagar]

Item No. 11.5.3 Proposal for a New Academic complex.

The requirement for a new academic block is being felt due to increase in academic activities, number of courses, growing students & faculty population, expansion of R&D projects and outreach.

Few proposals for new buildings i.e. Building for Teramechanics, School of Defence Technology and a new building for CSE were submitted to DRDO HQ for AoN.

DRDO has returned the proposals for re-examination. During the works meeting with DCWE and DG(RM) followed by DG(HR), it has been advised to integrate all new proposals in one project including future requirements so as to avoid repetition and be cost effective.

Accordingly, a detailed Statement of Case (SoC) in accordance with the guidelines issued by Directorate of Civil Works & Estates, DRDO HQ vide its letter No. DCWE/12/C-32997/135 dtd. 14/02/2023, shall be submitted to DG (HR), DRDO for obtaining the Acceptance of Necessity (AoN) for the proposal. Further action shall be taken in accordance with the ibid guidelines. A proposal incorporating all necessary provisions is projected below and the rough area calculation is come up around **8432 sqr mtrs.** However, detailed design and fair area shall be worked out with technical experts.

The Registrar and Secretary, PMB presented the item No. 11.5.3 before the PMB as per the **Annexure- 11.5.3.**

The PMB appreciated the proposal. After detailed deliberation, the PMB **RESOLVED** to recommend the proposal for approval of BoM.

[Action: Registrar]

Item No. 11.6

Any other item with the permission of the Chair.

The members raised on the issue of frequent problems in women washrooms including seepage in washrooms which needs to be addressed. The GE(I) assured to resolve the matter on priority. He further added that all HoDs / Section in charges be added in the Whatsapp group created by GE(I), Girinagar, for better coordination and follow-up. HoDs may raise their concerned complaints in the group.

The members welcomed this initiative and sought his continuous support and cooperation for smooth functioning of the academic and administrative activities.

In the conclusion, the Secretary, PMB extended vote of thanks to members of Board for attending the meetings including CCE-W and GE(I) R&D for their continuous support to DIAT. The meeting concluded with thanks to the chair.


(Kamal Kumar Bajre)
Registrar & Secretary-PMB

Details of BER items being installed at DIAT:

Sr. No.	Item description	Qty	Remarks / present status
1	Water Coolers	20	20 No being installed
2	1.5 TR AC	45	Yet to be installed
3	2.0 TR AC	4	Yet to be installed
4	1 KVA Voltage Stabilizer	2	Yet to be installed
5	2 KVA Voltage Stabilizer	16	Yet to be installed
6	2 KVA Voltage Stabilize	25	Yet to be installed
7	Ceiling fans	208	137 installed till date
8	Geyser / Water Heater - 25 Ltr	99	55 installed till date
9	Water Heater, 50 litres capacity	5	Yet to be installed
10	Supply and installation, connecting and testing refrigerators, electric driven, single phase, not less than 285 litres, not less than 4 star rated all as specified	1	Yet to be received
11	Submersible pump set capacity not less than 60 HP suitable for 415 V 3 phase	3	Yet to be received
12	Monobloc pump set suitable for 415 V 3 phase of capacity not less than 5 HP capacity	2	Yet to be received
13	Submersible Sewage pumpset not less than 30 HP 415 V 3 Phase	1	Yet to be received
14	50 HP and pump in DIAT technical building basement including coupling complete assembly suitable for 415 V 3 phase	2	Yet to be received
15	Supply, install and commissioning, Air blower AB-47 with capacity of 280-425 m ³ /Hr @0.5 kg/cm ² including suitable blower motor not less than 15.0 HP 3 phase	1	Yet to be received
16	S&F Copper tubing along with necessary insulation as per manufacture standard	100	For ACs installation, yet to be done
17	M&L for cutting holes into or through brick/stone masonry walls, cement concrete slabs, chajjas etc reinforced or otherwise for making hole for split AC piping including making good the disturbed surfaces and packing all as specified and directed	250	For ACs installation, yet to be done

Annex – 11.5.3



WELCOME TO THE 11TH MEETING OF THE PLANNING AND MONITORING BOARD

DATE : 4TH JUNE 2024, AT 10:30 HRS

VENUE : 4TH FLOOR CONFERENCE ROOM, DIAT

11.5.3 Proposal for a New Academic complex.

The requirement for a new academic block is being felt due to increase in academic activities, number of courses, growing students & faculty population, expansion of R&D projects and outreach.

Few proposals for new buildings i.e. Building for Teramechanics, School of Defence Technology and a new building for CSE were submitted to DRDO HQ for AoN.

DRDO has returned the proposals for re-examination. During the works meeting with DCWE and DG(RM) followed by DG(HR), it has been advised to integrate all new proposals in one project including future requirements so as to avoid repetition and be cost effective.

Accordingly, a detailed Statement of Case (SoC) in accordance with the guidelines issued by Directorate of Civil Works & Estates, DRDO HQ vide its letter No. DCWE/12/C-32997/135 dtd. 14/02/2023, shall be submitted to DG (HR), DRDO for obtaining the Acceptance of Necessity (AoN) for the proposal. Further action shall be taken in accordance with the ibid guidelines. A proposal incorporating all necessary provisions is projected below and the rough area calculation is come up around **8432 sqm mtrs.** However, detailed design and fair area shall be worked out with technical experts.

The Planning and Monitoring Board is request to consider the proposal for recommendation

Requirement at hand:

- Advance Labs for School of Quantum Technology
- School of Defence Technology
- School of Robotics
- School of Energy and Environmental Sciences
- New Classrooms virtual classroom/examination hall
- New Laboratories

Common facilities for new Deptt / Schools:

- Academic Administration
- HoD Cabin / Faculty Cabins
- Conference/Seminar Room
- Departmental Library / Record Room
- Pantry

Additional Offices / Facilities

- Internal Quality Assurance Cell (IQAC)
- Training and Placement Cell
- Technology Park / Incubation Centre
- Open Amphitheatre

Rough area calculation for new provisions

Sr. No.	Department / School / facilities	Approx area in Sq. mtr	Remarks
1	Advance Labs for School of Quantum Technology	445	6 Labs
2	School of Defence Technology	600	5 Labs and Acad Adm
3	School of Robotics	600	5 Labs and Acad Adm
4	School of Computer Science & Engineering, Mathematical Sciences	520	4 Labs and Acad Adm
5	School of Energy & Environment Systems	575	6 labs and Acad Adm
6	Training and Placement Cell	240	Office and other facilities
7	Internal Quality Assurance Cell (IQAC)	185	Office and other facilities
8	Technology Park / Incubation Centre	325	7 Nos Centres
9	Classrooms cum Virtual Classroom cum Exam Hall (50 No capacity)	595	8 Nos
10	Classrooms cum Virtual Classroom cum Exam Hall (75 No capacity)	670	6 Nos

Continued...

Sr. No.	Department / School / facilities	Approx area in Sq. mtr	Remarks
11	Classrooms cum Virtual Classroom cum Exam Hall (100 No capacity)	445	3 Nos
12	Syndicate / discussions Room (20 Nos capacity)	45	5 Nos
14	Seminar / Conference Room (200 Nos capacity)	745	1 No
15	Additional space for future laboratories	585	7 Nos
16	Cafeteria	185	1 No
17	Open Amphitheatre	560	
18	Area for Common facilities (Reception, waiting area / visitor room, washrooms, store rooms, security watch towers, guard room, change room, lifts, vehicles parking etc.)	930	
Total		8432	

PROPOSED LAND AVAILABLE AREA

