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उन्नत प्रौद्योगिकी रक्षा संस्थान
(सम विश्वविद्यालय), 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/12th BoM/2017/

Dated 30th May, 2017

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

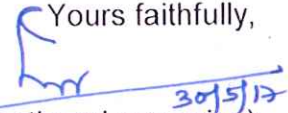
**Subject: Minutes of the 12th meeting of the Board of Management held
on 23rd May 2017**

Dear Sir,

Enclosed please find herewith the copy of minutes of the 12th meeting of the Board of Management of DIAT, held on 23rd May, 2017, for your information, records and necessary action.

With regards,

Yours faithfully,


(T V Ananthasubramanian)
Joint Registrar (Admin)
For Vice Chancellor DIAT

Encl: As above

1. Shri M H Rahaman, OS, CC, R&D (TM & HR), DRDO, DRDO Bhawan, Rajaji Marg, New Delhi -110011, Telephone - 011-23016163, Fax: 011-23016127
2. Shri Subir Mallick, Addl. FA & JS - DRDO, DRDO Bhawan, Rajaji Marg, New Delhi - 110011, Telephone: 011-23010159, Fax: 011-23016217

3. Prof. S.K.Koul, Professor, Centre for Applied Research in Electronics, Indian Institute of Technology Delhi, New Delhi-110016, Ph: 011-26591104 / 011-26596219, Email: skkoul@care.iitd.ernet.in
4. Prof Pravas R Mahapatra, Former Professor, Department of Aerospace Engineering, IISc Bangalore, Telephone: 080-23414496 (Residence), Email: pravas@ aero.iisc.ernet.in
5. Prof. Dipankar Banerjee, Professor, Department of Materials Engineering, Indian Institute of Science (IISc), Bangalore – 560012, Phone: +91-80-22932558, Email: dbanerjee_at_materials.iisc.ernet.in
6. Dr. Ranjit Date, President and Joint Managing Director, Precision Automation & Robotics India Ltd (PARI), Gat No: 463A, 463B & 464, Dhangarwadi, Tal - Khandala, Satara - 412 801 Maharashtra, Mob: 09822049903, email: ranjitd@parirobotics.com

Internal Members

1. Dr. S. E. Talole, Dean (Technology), DIAT (DU), Pune,
2. Prof. K. Balasubramanian Dean (Applied Sciences) & HoD, Materials Engineering, DIAT (DU), Pune
3. Prof. A. Kumarswamy, Professor & HoD, Department of Mechanical Engg, DIAT (DU), Pune
4. Prof. S. K. Panigrahi, Professor, Dept of Mechanical Engg, DIAT (DU), Pune
5. Dr. P. S. Alegaonkar, Asst Professor, Department of Applied Physics, DIAT (DU), Pune
6. Dr. D. G. Thakur, CoE, Permanent Invitee, DIAT (DU) Pune

Copy to:

VC, DIAT (DU) Pune
DHRD, DRDO HQ, New Delhi
Addl HRD, DRDO HQ, New Delhi

DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY

(Deemed To Be University)

Girinagar, Pune - 411025

No. DIAT/F/ADM/12th BoM/2017/

Dated 23rd May, 2017

MINUTES OF THE 12TH MEETING OF BOARD OF MANAGEMENT, HELD ON 23RD MAY 2017

The following were present:

Dr S Pal, VC	Chairman
Prof Pravas Mahapatra	Member
Prof S K Koul	Member
Dr M H Rahaman, CC R&D, HR, DRDO HQ	Member (on V Con)
Mr Ashok Kumar, DHRD, DRDO HQ	Special Invitee (on V Con)
Ms Anita Sehgal, Addl Dir HRD, DRDO HQ	Special Invitee (On V Con)
Dr S E Talole, Dean (T), DIAT	Member
Dr K Balasubramanian, Dean (AS) DIAT	Member
Prof S K Panigrahi, DIAT	Member
Prof A Kumaraswamy, DIAT	Member
Dr P S Alegaonkar, Asst Prof, DIAT	Member
Mr Ramesh Jahagirdar, FO, DIAT	Invitee
Mr T V Ananthasubramanian, Jt Registrar, DIAT	Invitee
Cmde A K Sinha (Rtd), Registrar	Secretary

Dr Dipankar Banerjee, Shri Subir Mallick, Addl FA & JS (R&D) and Dr Ranjit Date were allowed leave of absence.

Item No. 12.1

Opening Remarks by Vice Chancellor & Chairman, Board of Management

The Chairman welcomed all members and invitees to the 12th Meeting of the BoM. In his brief introductory remarks, the Chairman informed the members that DIAT has done reasonably well during the past 4 months since the last BoM meeting. DIAT received 10 awards / recognitions both as an Institution and individually by the VC and some Faculty members. 5 new programs are introduced from July 2017. Also, DIAT will be hosting the IEEE Indian Antenna Week and PLMSS. With this, he directed the Registrar to go ahead with the presentations.

Item No. 12.2

Reporting items: The following developments since the 11th BoM Meeting were reported to BoM.

12.2.1 Recognitions conferred on DIAT since last BoM

- Maharashtra Education Summit Award for Best Higher Education Institute in Maharashtra (Research/ Innovation Category).
- Indian National Academy of Science (INSA) Teacher Award
- Dewang Mehta award for Educational Leadership in Higher Education.

- 7th National Award for Technology Innovation in various Field of Petrochemicals and Downstream Plastic Processing Industry - Innovation In Polymeric Material for the Innovation in "Carbon Based Nano-structured Environmentally Benign Super-hydrophobic Composite Surface " by the Ministry of Chemicals and Fertilizers
- 7th National Award for Technology Innovation in various Field of Petrochemicals and Downstream Plastic Processing Industry- Innovation of Polymer Processing Machinery & Equipments for the Innovation in "Design of Extruder/Compounder for Exfoliation and Dispersion of Nano-additives in Polymer Matrix" by the Ministry of Chemicals and Fertilizers

12.2.2 New programs being introduced in the year 2017

1. M Sc in Food Technology (Dept of Applied Chemistry in collaboration with DFRL, Mysore) - Only for Sponsored candidates.
2. M Tech in VLSI & Embedded Systems (Dept of Electronics Engg in collaboration with NIELIT, Calicut)
3. M Tech in Optical Communication and Photonics (Dept of Applied Physics)
4. M Tech in Corrosion Engg (Dept of Mate. Engg)
5. PG Diploma in Fire Engg & Integrated Safety (Dept of Mate Engg in association with CFEES)

With regard to Sl. No 1, M Sc in Food Technology, Ms Anita Sehgal, Asso Dir, HRD, DRDO informed that DRDO will not be able to nominate any Scientist / Technical Assistants as M Sc is the minimum qualification at entry. It was made clear that the nomination is confirmed by the Services and ICG.

With regard to payment of fee to NIELIT by DRDO Scientists / Technical officers/ Staff nominated for the 2nd year of their M.Tech in VLSI and Embedded System, Dir, DHRD / Asso Dir, DHRD informed that the same is under process.

After the deliberations, the BoM gave a 'go ahead' for the above 5 programs proposed to commence from July 2017.

12.2.3 Oncoming Events

- **9th Convocation:** The 9th Convocation of DIAT will be held on 28th May 2017, presided over by Shri Arun Jaitley, Hon'ble Raksha Mantri & Chancellor, DIAT.
- **IEEE Indian Antenna Week:** DIAT will host the Indian Antenna Week 2017 (Workshop on Advanced Antenna Technology) from 5th June 2017 to 9th June 2017.
- **PLMSS:** The 6th International Conference on "Product Life Cycle, Modeling, Simulation and Synthesis (PLMSS)" will be hosted by DIAT from 13 – 15 December 2017.

12.2.4 Infrastructure Development:

The following update of the infrastructure development at DIAT were presented to BoM.

Additional Rooms in Stilt of POINTS Hostel:	To increase the capacity of POINTS Hostel, a proposal to construct 47 rooms to accommodate additional 135 students was approved. Construction work started on 29 th Mar 2017 <i>10% work completed till date</i>
Construction of separate Girls Hostel:	Work for construction of a 100 Room (dual occupancy) Girls Hostel has been sanctioned vide DCWE letter no. DCWE/12/Z-32125/135 dated 07th March 2017(Annexure - A). BoO for Site clearance is under progress.
Construction of Boys Hostel and Studio Apartments:	Work for construction of a Boys Hostel and Studio Apartments at DIAT has been submitted to DRDO HQ vide letter no. DIAT/F/EWO/888/Wks/48 Studio Apt. Dated 07 th Mar 2017
Renovation of RPL Complex:	The buildings are in disuse for over 14 years and hence need a thorough renovation. Proceedings of BoO are under process. Work for Refurbishment of RPL complex has been sanctioned vide DCWE letter no. DCWE/03/Z-32197/85 dated 31 st March 2017
Renovation of 5 labs of Dept of Electronics Engineering	Work for Renovation of 5 labs of Dept of Electronics Engineering has been sanctioned vide letter No. DCWE/03/Z-32203/85 dated 04 th Jan 2017 Work completed.

12.2.5 Development of Laboratories:

BoM was apprised about the following Department-wise lab developments since the last BoM Meeting:

Dept of Electronics Engg:

- Radar Systems Laboratory
- Wireless Sensor Laboratory
- Underwater Communication Laboratory
- EMI/EMC/EMP Laboratory
- SOC Laboratory
- Navigation Systems Laboratory
- Antenna Simulation Laboratory

Further, it was also reported that the Dept of EE received the following items for development of its Labs:

- Battle Field Surveillance Radar (BFSR) - LRDE, Bangalore
- EMI-EMC Chamber Facility – ADE, Bangalore
- Identification, Friend or Foe (IFF-Radar) – CABS, Bangalore (will be received in the end of this month)
- RF Passive/active components-LRDE, Bangalore (will be received in the end of this month)
- SAC, Ahmedabad-IRNSS (Indian Regional Navigation Satellite System)-02 receiver
- Indian Navy Promised to give old radars, Sonars, Missiles, small turbines and such equipment for training and demonstration

Dept of Aerospace Engineering

- Full scale model of Trishul along with sub systems
- Reaction control systems model
- Wind tunnel models
- Liquid propulsion engine

12.2.6 MOU with Cranfield University:

The BoM was informed that there is an umbrella MoU, DRDO has with Cranfield University, UK. Besides this, the areas of Academic interest of DIAT were discussed with Cranfield and a separate direct MoU has been signed with Cranfield University, UK on 15th May 2017.

Scope of the MoU is as under:

- Short Courses / Modules to be taken either by Video Conferencing or faculty visits.
- Bespoke short courses aimed at those from BDL, BrahMos, BEL, Defence establishments and IOFS officers etc, attending programmes at DIAT (DU) for customised courses.
- Joint hosting of workshop, seminars and conferences.
- Joint research & publication of papers.
- Joint supervision of research students.
- Exchange of Students for Short term, Summer/Winter internship.
- Faculty exchange for short durations.
- Double degree award by credit transfer, for students carrying their studies as part of the semester or full semester in either institute. The respective curriculum will be vetted by both parties and agreed upon

While discussing the nitty-gritties of the MoU, the Vice Chancellor informed the members that the credit accumulation system as per the UGC system and Cranfield Systems were mapped to evolve a clear idea on the credit requirements to award degrees to students. Cranfield has 1 year MSc of 8-11 month duration, which require 35 credits. It is possible to have the M Tech pgm of DIAT mapped with the MSc of Cranfield for credit accumulation and transfer. The two courses in the 3rd Semester and the dissertation in the 4th semester will give the required credits as required under UGC/ DIAT system to have the degree. DRDO is sending some of their scientists for MSc at Cranfield. DRDO may encourage the Scientists to go for an M Tech degree spending around 1 year at Cranfield and the rest 1 year at DIAT.

BoM approved the proposal and gave a go ahead for the MoU.

12.2.7 List of faculty / officer who have been promoted :

The following Faculty / Assistant Librarian to Dy Librarian promotions were presented to BoM for ratification.

Sr. No.	Name	Designation on Promotion
1	Dr Sunil Chandel	Asst Prof – Stage III
2	Dr Asutosh Abhyankar	Asst Prof – Stage III
3	Dr P S Kulkarni	Asst Prof – Stage III
4	Dr D Srikanth	Asst Prof – Stage III
5	Dr Odela Ojjela	Asst Prof – Stage III

6	Dr Shaibal Banerjee	Asst Prof – Stage III
7	Dr D Pradhan	Asst Prof – Stage III
8	Dr Tejashree Bhawe	Asst Prof – Stage III
9	Dr P Alegaonkar	Asst Prof – Stage III
10	Dr Sunita Dhawale	Asst Prof – Stage II
11	Dr C J Bhongale	Asst Prof – Stage II
12	Dr T U Patro	Asst Prof – Stage II
13	Dr Vijay Pattar	Dy Librarian

Prof P R Mahapatra observed that promotion is a very important item and while seeking the approval / ratification of BoM, details of the faculty / staff (viz., qualifications, period of residency, publications, projects undertaken, students guided etc) being considered for promotion should be provided. He also stressed that such information should be made available to the members of BoM well in advance so that they could prepare themselves and offer constructive comments / advice. The same has been noted for compliance in future.

With this, the BoM ratified the promotions listed above.

12.2.8 Extensions – Faculty on Contract

The following cases of extensions of contractual engagements of Faculty on Contract were reported to the BoM.

S No	Name	Designation	Department	Period
1.	Mr Sivayaji Kappagantula	Asst Prof	Mech Engg	14/11/16 – 31/05/17
2.	Mr. Ghate Umesh Ashok	Asst Prof	Mech Engg	08/02/17 – 31/05/17
3.	Mr Hadgekar P Vijaykumar	Asst Prof	Mech Engg	08/02/17 – 31/05/17
4.	Dr Sura J Bharatbhai	Asst Prof	Aero Engg	22/02/17 – 31/05/17
5.	Dr R N Pralhad	Vis Prof	App Maths	24/05/17 – 23/05/18
6.	Dr S G Kulkarni	Ad Prof	App Chem	26/06/17 – 25/06/18

It has been brought out that in the case of extensions as well, details of performance of the concerned faculty / staff should be provided so that the BoM could constructively assess the cases and decide about approval of extension.

12.2.9 Appointments / Extensions – Non- Teaching Personnel on Contract

The following cases of fresh engagements / extensions of contractual engagements of Non-Teaching personnel were reported to the BoM.

1	Dr.Sanjay Anil Natu, MBBS, MD(Paed)	Paediatrician	Health Centre	29/3/17- 28/03/18
2	Dr. Sonali J Ingole (Gynec)	Gynaecologist	-do-	15/02/17-14/08/17
3	Dr. Jitengra Ingole, MBBS, MD (Med Spl)	Medical Specialist	-do-	25/10/17-24/05/18
4	Mr. Rahul Bisen, BPT	Physio-therapist	-do-	01/02/17-30/07/17
5	Dr Soaniya Malempati MBBS	Lady Med Officer	-do-	01/03/17-31/01/18
6	Shri Jainendra Kumar Rathore,	Nursing Asst.	-do-	03/03/17-02/09/17
7	Mrs Rupali Mhaske	Lab Technician	-do-	20/12/16-19/06/17
9	Vijaykumar Mohite	Driver A	MT	04/04/17-31/09/17

10	Ms Promila Mediratta	Liaison Officer	Delhi	23/02/17-22/02/18
11	Mr S K Arora	Liaison Officer	Delhi	02/03/17-01/03/18

The BoM directed that for all such appointments / extensions, detailed data should be provided to the BoM members to consider, study and approve the cases based on merit.

Item No. 12.3

Progress on minutes of 11th Meeting of BoM

The following update / progress of the decisions of the 11th Meeting of the BoM were presented to BoM.

Agenda / discussion	status
<p>5.1 Delegation of powers to sanction 'Works' to VC</p> <p><u>Decision:</u> BoM strongly recommended the proposal and recommended the proposal to the Governing Council to approve the delegation of financial powers for Works to the tune of R.50 lakhs to the Vice Chancellor and Rs. 1 Cr to the BoM</p>	<p>The matter was discussed during the meeting of Governing Council of DIAT held on 05th Jan 2017 at DRDO HQ, accordingly DIAT, vide letter no. DIAT/F/EWO/888/Wks/ FP dated 08th Mar 2017 submitted the proposal to DRDO HQ.</p> <p>The matter is pending with DRDO HQ</p>
<p>5.2 Additional Vacancies for Faculty</p> <p><u>Decision:</u> The response to the Advertisement released in DRONA will be known soon. DRDO may try to provide good faculty support within 6 months and in the absence of any commendable progress in getting good scientists as faculty, the position could be reviewed.</p>	<p>This matter was further presented before the Gov Council.</p> <p>GC approved increase in the Core Faculty Strength in principle from 50 to 60. Chairman directed DIAT to put up SoC and DHRD to explore the possibilities and procedures thereof. SoC sent to DRDO HQ. Response awaited.</p>
<p>5.3 Approval for Award of Degrees</p> <p><u>Decision:</u> BoM approved award of degrees to the students declared having successfully completed the requirements (as per list enclosed) and duly recommended by the Academic Council.</p>	<p>Action Completed.</p>
<p>5.4 Approval for Annual Report for the year 2015-16</p> <p><u>Decision:</u> BoM accorded approval to the Annual Report 2015-16.</p>	<p>Action completed</p>
<p>5.5 Approval for promotion of non-teaching staff</p> <p><u>Decision:</u> BoM approved considering promotions to the eligible staff members meeting the criteria as indicated in the Statutes / Rules and Regulations Governing Service Conditions, 2009</p>	<p>Promotion orders issued to the eligible staff members, as recommended by the DPC.</p>

<p>5.6 Re-appropriation of vacancies to increase the Cadre strength of Assistants</p> <p><u>Decision:</u> Proposal to be put up to GC covering all aspects and future requirements</p>	<p>This point was presented to GC further. "The Chairman, GC directed the DHRD to submit how the initial approval was taken while allocating manpower to DIAT based on which, this may be processed".</p>
<p>5.7 Re-designation of Librarian - carry forward from the previous BoM</p> <p><u>Decision:</u> Status Quo to be maintained.</p>	<p>Status-quo maintained.</p>
<p>5.8 Re-appointment of M/S P.N.Phadke & Co.as Internal Auditors For FY 2016-17</p> <p><u>Decision:</u> Re-appointment of M/s P N Phadke & Co as Internal Auditors for the FY 2016-17 approved</p>	<p>M/s P N Phadke & Co appointed as Internal Auditors for the FY 2016-17</p>
<p>5.9 Raising Standards for Recruitment and Promotions</p> <p><u>Decision:</u></p> <p>Raising the qualifying marks to 65% be reviewed & being down to 60% Percentage requirements for interview marks be removed and interview may decide suitability or otherwise. After discussion BoM cleared the proposal</p>	<p>The matter was further referred to the Gov Council for approval.</p> <p><u>Decision of Governing Council:</u> The proposal to raise standards for direct recruitment and promotion was agreed upon. For direct recruitment, minimum requirement shall be an excellent academic record with 60% marks / equivalent grade. DIAT was direct to examine the conformance with regard to govt rules and provisions amended from time to time.</p> <p>Action completed</p>

During the discussions on Para 5.1, on the progress of Minutes of the 11th Meeting, the two eminent academicians (nominated by the Chancellor) felt that some reasonable level of delegation of powers to Vice Chancellors for Works so that the dependency on the Funding agency could be avoided though major projects and developments could be with the approval of the Funding Agency.

With regard to Para 5.2 of the Progress of Minutes, Assoc Dir, HRD, DRDO indicated that this item is included in the proposed Agenda for GB and once GB clears it, a comprehensive proposal need be sent by DIAT so that it could be sent to Cabinet for the additional manpower approval.

Para 5.6 of ATR: The matter is under discussion between DIAT and DRDO HQ and the will be decided jointly.

Item No.12.4

Confirmation of the Minutes of the 11th Meeting of BoM held on 22nd Dec 2016

After a brief discussion, the BoM confirmed the Minutes of the 11th Meeting.

Item No.12.5

Agenda for discussion:

12.5.1 Approval of the M.Tech; PhD and MS (By Res) results:

The Controller of Examinations (CoE) presented the results of the M.Tech for the AY 2015-17, Master of Science (by Res) and PhD (details at Annexure I).

CoE informed that the Academic Council met on 23rd May 2017(F/N) has approved award of degrees to successful students ie., 113 M.Tech; 3 Master of Science (by Res) and 18 PhD.

During analysis of the results, based on the observations made by Prof Pravas Mahapatra, the following were decided:

- Detailed sem-wise data should be presented well in advance for analysis by BoM members;
- The statistics should show clear distribution of scores / grades;
- If more elements (viz., internal marks, practical, periodical assessments, MCQs etc) are there, the distribution should be well spread over and the central tendency should not have been there;
- The gradings should have been distributed to more ranges.

Action: CoE

12.5.2 Nomination of Members by Board of Management on FC

Presently, Addl FA & HS (R&D), DRDO and Dir, DHRD, DRDO are the two nominees of BoM on the Finance Committee of DIAT. Approval of BoM was sought to continue these two members in the Finance Committee.

After a brief discussion, the BoM approved continuation of Addl FA & HS (R&D), DRDO and Dir, DHRD, DRDO as BoM nominees in FC.

Action: FO

Item No. 12.6

Any other point with the permission of the Chair

12.6.1 Designation of VC as VC & CEO

Foreign Universities viz., Cranfield University, NPS etc., have their Vice Chancellor / Director as the Chief Executive Officer (CEO). During the recent visit by the Vice Chancellor to Cranfield, a doubt arose whether the Vice Chancellor, DIAT is the CEO of DIAT, to sign the MoU as MoU could be signed only by the CEO. To have clarity on this matter, it was proposed to designate the Vice Chancellor, DIAT as VC and CEO during the interaction / correspondence with the Foreign Universities / Academic Institutions.

During the discussions on the subject, it was brought out that CEO has a corporate connotation. In India itself, Institutions have designations of the Chief Executives as Directors or Vice Chancellors or Presidents and hence, it may not be a good idea to go for a re-designation, just to suite the corporate culture or to match designations of foreign universities. The BoM advised that status-quo be maintained with regard to the designation of the Head of DIAT as Vice Chancellor.

12.6.2 Nomination of BoM member in Search-cum-Selection Committee of Vice Chancellor

The term of Dr S Pal as Vice Chancellor of DIAT is ending by March 2018. As Based on a letter from DRDO HQ, the Chairman, BoM has nominated Dr Dipankar Banerjee, Member BoM to be a member in the Search-cum-selection committee for the position of the Vice Chancellor, as required under the UGC Deemed University Regulations, 2016. Ratification of BoM was sought for the nomination of Dr Dipankar Banerjee to be on the Search-cum-selection committee for the position of the Vice Chancellor.

BoM ratified the nomination.

12.6.3 DIAT to make efforts to be an Institution of National Importance

Prof Pravas Mahapatra informed the BoM that the Min of HRD, GoI India is planning to have some 20 Institutions for consideration to be declared Institutions of National Importance. It shall be a good idea that DIAT take efforts to attain the status which will provide ample academic and administrative flexibility. It has been decided to make efforts to understand the detailed requirements and to make the required application to MHRD for consideration.

Action: Deans, Registrar

In the absence of any other point, the meeting concluded at 1300 Hrs with the Chairman extending invitations to Prof Koul, Prof. PR Mahapatra, Dir, HRD and Asso Dir, HRD, DRDO to attend the 9th Convocation of DIAT scheduled for 28th May 2017. Dir HRD and Asso Dir, HRD, DRDO confirmed their participation.



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

