

DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY

(Deemed to be University) Girinagar, Pune – 411025

No.DIAT/F/ADMIN/14th GCM/2021

Dated: 19/08/2021

MINUTES OF THE 14th MEETING OF THE GOVERNING COUNCIL, HELD ON 19/08/2021 THROUGH VIDEO CONFERENCING DRDO BHAVAN, NEW DELHI

The following were present:

Members

i.	Dr G Satheesh Reddy, Secretary, DDR&D	Chairman
ii.	Rep of DCIDS (DOT) / IDS HQ	Member
iii.	DCOAS (IS&T) IHQ of MoD (Army)	Member
iv.	Vice Admiral Suraj Berry, AVSM, NM, VSM Indian Navy	Member
v.	Rep of AOP	
vi.	Shri K S Varaprasad, DS and DG (HR), DRDO	Member
vii.	Shri R K Karna, Addl FA & JS [Addl. Charge] R&D	Member
viii.	Prof. V. Ramgopal Rao, Director, IIT Delhi	Member
ix.	Prof. R S Shevgaonkar, Professor, Emeritus, IIT Bombay	Member
x.	Dr. C. P. Ramanarayanan, Vice Chancellor, DIAT	Member Secretary

Invitees:

(i)	Dr. Balasubramanian, Dean (Academic), DIAT	Invitee
(ii)	Comde A K Sinha (Rtd), VSM, Registrar, DIAT	Invitee
(iv)	Dr. Vidya Gargote, Finance Officer, DIAT	Invitee

At the outset, the Vice Chancellor and Member Secretary of the GC welcomed the Chairman, all the Members and invitees and thanked them for attending the meeting at a very short notice. He said that meeting had been scheduled urgently in view of the Hon'ble Raksha Mantri's visit to DIAT on 23rd Aug, 2021. He also said that the Institute has taken several initiatives in addition to increasing the student strength and development of the infrastructure.

With this, he requested the Chairman for his opening remarks.

Item No. 14.1

The Chairman, in his opening remarks, welcomed all the participants, senior officers from IDS, Army, Air and Naval HQs and thanked them for attending the meeting at a very short notice. He mentioned that it is a proud moment for DIAT as Hon'ble Raksha Mantri will be visiting DIAT on 23.08.2021. DIAT, of late, has become very vibrant and attracting eminent faculty from abroad and within the country. The institute has entered into new technological platforms such as Quantum Technology, Free Space Communication etc. which will give impetus to National Mission on Quantum Technology. Lot of interaction is also happening with eminent personalities in TIFR. DIAT also interacts with Universities abroad and signed MOUs. Chairman also mentioned that it is his endeavor to make DIAT an institution of eminence and requested VC to draw up a three years road map to achieve the same. He also reiterated that if the University has best faculty, the Departments flourish and attract students.

Thereafter Chairman requested VC to present the agenda points.

Item No. 14.2

The following Action taken report on the decisions taken during the 13th GC meeting held on 18/05/2020 was presented:

Agenda Points	Agenda points discussed	Decision	Progress / Action taken
13.5.3	Programming Languages like Python, Matlab and C++ etc may be included in Course Curriculum of M.Tech (Modeling and Simulation)	The Chairman directed that the request may be considered by DIAT on recommendations of the appropriate academic bodies i.e. BoS and PGC.	Action completed
13.5.4	Requirement of at least 10 Officer for any customized Short Course under MoU	The Chairman directed that DIAT will conduct short term courses for a minimum 10 Nos of officers and it will be responsibility of the sponsoring agency to ensure minimum number of participants for the course sponsored by them.	Noted for compliance
Para & Awards	Establishment of Chair professorship	Chairman directed DIAT to workout plan to attract good faculty and establish Chairs	Policy is made using UGC guidelines. Chairs for BDL and TCS are in progress. Action Completed

Item No. 14.3

Confirmation of the Minutes of the 13th Meeting of GC held on 18/05/2020:

After a brief discussion, the GC confirmed the minutes of the 13th Meeting.

Item No. 14.4

REPORTING ITEMS:

The following reporting items were presented to the GC.

➤ **AWARDS & RECOGNITIONS**

- DIAT has been ranked 63rd in National Institutional Ranking Framework [NIRF] – 2020 [earlier was ranked 57th in 2019 and 63rd in 2018]
- Three faculty members of DIAT are in top 2% of academicians in the world.
- Two faculty members elected Fellow of Maharashtra Academy of Science.
- Two times consecutive number one in National Hackathon (2018-19 & 2019-20).
- Maj Vivek Pandey awarded second prize by Dakshin Maharashtra Sub Area of Bombay Engineering Group and Centre, Indian Army for his project work.

- Ms. Madhu Raut, M.Tech student in Cyber Security, DIAT has won the runner up prize of \$1500 in ASEAN India Hackathon 2021.
- First to establish School of Quantum Technology (SQT) & M.Tech Prog. Director SQT has been invited to be a member of European Drafting committee on Quantum Standards.
- Placement of two students for Dassault Aviation.
- DIAT has developed a few anti COVID-19 products during the lockdown. These are meant to neutralize the Corona Virus or to provide a protective shield against the virus.
- Skill Development Program.

➤ **Establishment of Schools and new M.Tech Programmes :**

DIAT is currently running 12 M.Tech. Programmes with 25 specializations. New programmes recently started are

- Robotics
- Data Science
- Quantum Technology (First Institute in India to offer M.Tech Program)

DIAT has started Schools in three different important domains for encouraging inter-disciplinary research and teaching

- School of Advanced Research in Robotics
- School for Quantum Technologies
- School of Defence Technology

➤ **M.Tech Students Strength, at a glance**

PROGRAMME	2018-20	2019-21	2020-22	2021-23
M Tech	262	224	219	310

➤ **M. Tech Service HQs**

ACADEMIC YEAR	ARMY	NAVY	AIR FORCE	DRDO	ICG	SCHOLARSHIP	SPONSORED	FOREIGN	TOTAL
2021-23	11	7	6	15	6				
2020-22	1	2	14	15	4				
2019-21	17	19	21	16	6	124	21	0	224
2018-20	22	25	25	21	11	122	34	2	262

➤ **PhD / MS [By Research] Strength**

PROGRAMME	2017	2018	2019	2020	2021
PhD	15	21	41	18	31
MS	01	02	01	-	-

➤ **Details of Academic Achievements**

Number of research papers published in peer reviewed journals by faculty	927 [Since – 2016]
Number of Books / Book Chapters published	45 [Since 2016]
Number of Conference and Workshop Organized	62 [Since 2016]

➤ **Patents**

Year	No of Patents granted	No. of Patents applied and in process @ Indian Patent Office
2016	02	-
2017	-	01
2018	-	06
2019	01	03
2020	08	01
2021	01	01

Item No. 14.5

Agenda for Discussion:

14.5.1 Audited Statements of Accounts for the year 2019-20

Following audited statement of accounts for the year 2019-20 was presented for consideration and approval:

- A) Balance Sheet
- B) Income and Expenditure A/c

BALANCE SHEET AS ON 31st March

PARTICULARS	31.03.2020	31.03.2019
SOURCES OF FUNDS		
CORPUS/ CAPITAL FUND	78.23	74.09
EARMARKED (SPONSORED PROJECT) FUNDS	1.59	1.14
CURRENT LIABILITIES AND PROVISIONS	6.86	4.48
TOTAL	86.68	79.71
APPLICATION OF FUNDS		
FIXED ASSETS :		
GROSS BLOCK	97.65	93.51
LESS : DEPRECIATION	59.92	53.81
NET BLOCK	37.73	39.70
CAPITAL WORK IN PROGRESS	-	0.19
CURRENT ASSETS	26.81	20.18
LOANS AND ADVANCES	2.07	2.01
INCOME AND EXPENDITURE ACCOUNT	20.07	17.63
TOTAL	86.68	79.71

INCOME EXPENDITURE ACCOUNT (Rs. in Crores)

PARTICULARS	31.03.2020	31.03.2019
INCOME		
Academic Receipts	2.36	2.01
Interest Earned	0.93	0.84
Miscellaneous Income	1.24	0.82
Grants for Revenue Expenditure	26.31	25.78
Customised Course Income	2.17	-
Excess of Expenditure over Income	2.44	5.29
TOTAL	35.45	34.74
EXPENDITURE		
Establishment Expenses	18.64	18.27
Administrative Expenses	5.75	7.70
Academic Expenses	4.22	2.43
Customised Course Income	0.72	-
Depreciation	6.12	6.34
TOTAL	35.45	34.74

Decision: GC approved the Audited Statements of Accounts for the year 2019-20

14.5.2 Annual Report for the year 2019-20

It was informed that the Annual Report for the year 2019-20 was submitted for tabling in the parliament, with the approval of the Hon'ble RM, on file. GC was requested to consider and pass the resolution on the Annual Report, as required vide Para 7(b) of DIAT Society Document.

Decision: GC ratified the Annual Report for the year 2019-20.

14.5.3 Presentation of Setting up of National Centre for Quantum Technology

The presentation was made by Dr. G. Raghavan, Director, SQT [Annex-14.5.3] about setting up National Centre for Quantum Technology at DIAT.

14.6 Any other agenda points with the permission of Chair

14.6.1 To adopt Assessment criteria for appointment to the post of Assistant Registrar

- As per para 5.14 of the Rules and Regulations Governing Service Conditions 2009, 03 posts of Assistant Registrar to be filled by promotion, failing which by deputation.
- Due to absence of any assessment criteria in promotion a need was felt to amend the para 5.14 of the Rules & Regulations Governing Service Conditions to incorporate assessment criteria for promotion.
- Accordingly, the agenda point No. 23.5.2 for amendment of Recruitment rules of Assistant Registrar was put up for approval in the 23rd BOM held on 10 March 2021

Discussion:

The BoM has agreed in principle on the proposal for assessment criteria which was presented in the 23rd BoM.

Decision:

The decision taken in 23rd BOM is ratified subject to approval from DRDO HQrs.

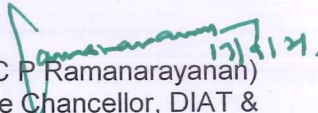
Chairman requested the members from services and experts from academia to offer their comments.

1. Rep of DCIDS (DoT) stated that transfer of manpower to MILIT as per Salwan Committee is still pending to which DG (HR) has clarified that it is not possible to transfer the same due to acute shortage of manpower in DRDO.
2. He also brought out that sharing of land, buildings and assets is still pending and MOU between DIAT and MILIT has not yet been signed. Chairman directed both DIAT & MILIT should visit Delhi and sign the MOU as agreed between DRDO and IDS.
3. Rep from Airforce stated that DIAT can give the areas of expertise for establishing Chairs from Services. The same was also mentioned by Vice Admiral Suraj Berry. VC agreed to visit Service HQ, to discuss this issue and resolve any queries in this regard.
4. Rep of Air Force also mentioned that even though MoU has been signed between DIAT and IAF regarding PhD in Defence & Strategic Studies, not much progress has been made. VC stated that it was so due to some issues with UGC which has now been resolved and this can now be implemented.
5. Prof Ramgopal Rao of IIT Delhi suggested that DIAT can play much bigger role by having all their academic activities in a more structured way.
6. Prof Shevgaonkar appreciated the effort of DIAT in making the admission of M Tech students through CCMT platform. He also appreciated that starting new schools will bring good visibility to DIAT at national level

Concluding remarks:

The Chairman advised VC to communicate with Service chiefs for establishing Chairs in the areas connected to defence Technologies. He also stated that School for strategic Studies may be established by having discussion with National Institute of Advanced Sciences (NIAS) in Bengaluru. He also suggested to send a message to Nigerian Director General, who is on a visit to IRDE, Dehradun to send students for M tech and Phd courses. He suggested to have a structured growth plan with DRDO and Industry. He also advised to work out a mechanism to have a structured interaction with DRDO, Industry and Services once in six months or one year.

Thereafter, the meeting concluded with thanks to the Chair.


(Dr C P Ramanarayanan)
Vice Chancellor, DIAT &
Member Secretary, GC