

डा. एस. पाल
कुलपति

Dr. S. Pal

Dist. FIETE, FIEEE, FNAE, FNASc, FIET(UK),
MIAA(Paris), FVEDA, Ch. Eng (UK)

VICE CHANCELLOR



उन्नत प्रौद्योगिकी रक्षा संस्थान

(सम विश्वविद्यालय), गिरिनगर, पुणे - 411025

Defence Institute of Advanced Technology

(Deemed University), Girinagar, Pune - 411025

(रक्षा अनुसंधान तथा विकास संगठन का स्वायत्त संस्थान,

रक्षा मंत्रालय भारत सरकार)

(An Autonomous Organisation of Dept. of Defence
R&D, Ministry of Defence, Govt. of India)

No. DIAT/F/ADM/9th GC/2017

Dated 06th Feb, 2017

**All Members of the Governing Council
Defence Institute of Advanced Technology
(Deemed to be University)**

Sub: MINUTES OF THE 9th MEETING OF THE GOVERNING COUNCIL HELD ON 05TH JAN 2017.

Please find the enclosed, minutes of the 09th meeting of the Governing Council of the DIAT* held on 05th Jan 2017 at Room No 531, 5th Flr, DRDO Bhavan, New Delhi.

Comments, if any, on the above referred minutes may please be sent to the undersigned within 15 days. In the absence of any comments within this period, it would be presumed that you agree with the minutes as recorded and action may be initiated to implement the same

Yours Sincerely,

(S. Pal)
Vice Chancellor &
Member Secretary, GC, DIAT

"Agenda point, 9.5.10 & 9.5.12 were discussed with CC (R&D) HR over phone and modified as agreed.

- | | | |
|---|---|----------|
| 1 | Dr S Christopher
Secretary Department of Defence R&D
DRDO Bhavan, New Delhi - 110011 | Chairman |
| 2 | Dr. M H Rahaman
DS & CC R&D (HR) and DG (ACE), DRDO
DRDO Bhavan,
New Delhi - 110011 | Member |
| 3 | Shri Subir Mallick
Addl. FA & JS, DRDO,
HQ Rajaji Marg, New Delhi -110011 | Member |

Contd..



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|----|--|-----------------|
| 4 | Lt Gen P S Mehta, VSM
Rep of DCIDS (DOT), IDS Hq
New Delhi | Member |
| 5 | Air Marshal B Suresh, AVSM, VM
Air Officer in charge Personnel (AOP)
Air Hqs
New Delhi | Member |
| 6 | RADM Suraj Berry, NM, VSM
Chief of Personnel (CoP)
IHQ of MoD (Navy)
New Delhi | Member |
| 7 | Brig B Mukherjee
DDG MT (A), Rep of DCOAS
IHQ of MoD (Army)
New Delhi | Member |
| 8 | Professor Uday B. Desai
Director
Indian Institute of Technology Hyderabad
Ordnance Factory Estate
Yeddumailaram 502205
Andhra Pradesh, INDIA | Member |
| 9 | Prof. Indranil Manna
Director
Indian Institute of Technology Kanpur
Kalyanpur, Kanpur,
UP – 208016 | Member |
| 10 | Dr Ashok Kumar, Dir, DHRD, DRDO | Special Invitee |
| 11 | Shri Ajay Singh, CE(CWE), DRDO | Special Invitee |
| 12 | Ms Anita Sehgal, Addl Dir, DHRD, DRDO | Special Invitee |
| 13 | Brig P K Goyal, HQ IDS | Special Invitee |
| 14 | Dr S E Talole, Dean (Technology), DIAT | Special Invitee |
| 15 | Dr K Balasubramanian, Dean (AS), DIAT | Special Invitee |
| 16 | Cmde A K Sinha (Retd), Registrar, DIAT | Special Invitee |
| 17 | Shri R A Jahagirdar, Finance Officer, DIAT | Special Invitee |
| 18 | Shri T V Ananthasubramanian, Jt Registrar, | Special Invitee |



**MINUTES OF THE 9th MEETING OF THE GOVERNING COUNCIL HELD ON JAN 5, 2017
AT ROOM NO. 531, 5TH FLOOR, DRDO BHAVAN, NEW DELHI**

The following were present in the meeting:

Members

(i)	Dr S Christopher, Secretary, DDR&D & Chairman DRDO	Chairman
(ii)	Shri M H Rahaman, DS & CC R&D (HR), DRDO.	Member
(iii)	Shri Subir Mallick, Addl FA & JS R&D	Member
(iv)	Lt Gen P S Mehta, VSM, DCIDS (DOT),	Member
(v)	Air Marshal B Suresh, AVSM, VM, AOP, Air HQ	Member
(vi)	RADM Suraj Berry, NM, VSM, COP, MoD Navy	Member
(vii)	Brig B Mukherjee, DDG MT(A), Rep of DCOAS (IS & T)	Member
(viii)	Prof Indranil Manna, Director, IIT Kanpur	Member
(ix)	Prof Uday B Desai, Director, IIT Hyderabad	Member
(x)	Dr S Pal, Vice Chancellor, DIAT	Member Secretary

Invitees:

(i)	Dr Ashok Kumar, Dir, DHRD, DRDO	Spl Invitee
(ii)	Shri Ajay Singh, CE(CWE), DRDO	Spl Invitee
(iii)	Ms Anita Sehgal, Addl Dir, DHRD, DRDO	Spl Invitee
(iv)	Brig P K Goyal, HQ IDS	Spl Invitee
(v)	Dr S E Talole, Dean (Technology), DIAT	Spl Invitee
(vi)	Dr K Balasubramanian, Dean (AS) DIAT	Spl Invitee
(vii)	Cmde A K Sinha (Rtd), Registrar, DIAT	Spl Invitee
(viii)	Shri R A Jahagirdar, Finance Officer, DIAT	Spl Invitee
(ix)	Shri T V Ananthasubramanian, Jt Registrar, DIAT	Spl Invitee

9.1 At the outset, the Chairman welcomed all the members to the 9th Governing Council Meeting and directed to proceed with the Agenda

The Vice Chancellor (Member Secretary) wished all, a Very Happy New Year and formally invited the members and invitees to the meeting. He concluded that all updates of the activities of the Institutions are covered in the presentations and proceeded with the presentations.

9.2 Review of Action taken on the minutes of the 8th GC meeting held on 4th Feb 2016:

Update of the various action points was presented.

Point No.	Agenda points / Salient points	Progress / Action taken
5 (a)	Enhancement of Financial Powers to VC Decision The GC approved the enhanced financial delegations to VC as approved by the BoM during its meeting held on 13 Dec 2013.	These powers are for Non-Works items. Decision implemented.
5 (b)	Restructuring of M.Tech Programmes	Students are continuously encouraged to take up project from DRDO & Services

	Decision Chairman directed that M.Tech students shall be encouraged to take up projects from DRDO and Services.	
5 (c)	M.Tech in Technology Management (TM) Decision Secretary directed DRDO to ensure subscription to M. Tech (Technology Management).	<i>Services and CG are sending Officers (students) for the Pgm. Current year strength presented. Annexure I</i>
5 (d)	PG Diploma in Safety & Fire Management Decision DIAT may give wider publicity of the programme.	<ol style="list-style-type: none"> 1. Meeting held with all stake holders 2. The PG Diploma in Fire Engg & Integrated safety will commence from Jul 2017 3. Services have agreed to depute students for the Pgm 4. Wide publicity has been given in DRDO and DPSUs also.
5 (e)	Admission of Scholarship students to PhD Decision The Chairman directed the CC R&D (TM) to examine the feasibility of JRFs/ SRFs working under various DRDO projects registering with DIAT	A provision has been made in the revised Rules and Regulations for the Award of the Degree of Doctor of Philosophy 2016 for DRDO JRF/ SRF working under various DRDO projects registering with DIAT.
5 (f)	Remuneration to Visiting Professors Decision The proposal was approved in principle. The Addl FA indicated that this case need be examined and can be taken up in Finance Committee	The proposal was submitted to the FC. It has been decided to maintain status quo for the time being. Issue being taken up as a new Agenda item in view of the 7 th CPC implementation.
5 (g)	Hostel Facilities Decision The need to have additional hostel facilities has been approved in principle. DIAT to submit an appropriate proposal	<ol style="list-style-type: none"> 1. Girls Hostel (100 rooms) – Board Proceeding submitted to DRDO HQ 2. Boys Hostel & Studio Apartments – Board Proceeding for construction of Boys Hostel with 200 rooms (twin sharing) and 48 Studio Apartments for PhD students and Visiting Faculty being submitted to DRDO HQ 3. Case for Conversion of stilt area of POINTS Hostel into 47 additional hostel rooms submitted to DRDO.
5 (i)	Constitution of a Committee to recommend appropriate standards for appointment and promotion of Faculty Members Decision It was decided that a committee be proposed, with VC, DIAT as Chairman and other	<ol style="list-style-type: none"> 1. Committee constitution forwarded to Chairman, GC (Secretary, DDR&D) for approval. 2. A committee of senior professors of DIAT has submitted a proposal for raising standards as per the UGC provisions and sent to the 3 Senior Professors who are

	members drawn from prominent institutions of higher learning.	members of the committee proposed to the Chairman, GC and comments received. 3. Recommendations of the committee and comments of the Sr Professors discussed in BoM and approval of BoM taken. 4. Recommendations of Committee submitted.
5 (j)	Requirements, post bifurcation of DIAT Decision The Chairman indicated that creating additional facilities for both DIAT and MILIT involve approval by Hon'ble RM and that could happen only if a clear considered decision is taken on the matter.	The implementation committee was restructured with revised TOR. The first meeting of the committee was held on 28 Nov 2016 at Delhi. Detailed proposal on management of assets being submitted to the committee. However, for effective implementation a fresh Govt order has to be issued cancelling the earlier one.
5 (k)	Creation of Hypersonic Test Facility	Being worked out in detail at Institute level with the constitution of an internal committee.
5 (l)	Encroachment of DIAT land	Meeting held with the Dist Collector Pune and issue discussed in detail. The Collector vide letter no 1839/2016 dt 5/10/2016 has directed SDO, Haveli to take necessary action..
5 (m)	Future Plans a. Creation of buildings and infrastructure facilities for the Institute.	DIAT is in the process of reviving the propulsion complex which has been in disuse for the last 8 yrs. The following facilities are proposed to be created in this complex. i. Mechanical Workshop ii. Computing facility iii. High speed jet facility iv. Incubation Centre v. Chemical propellant test facility In addition, the following facilities are also under process- i. NEMP facility ii. Radar demonstration cum test facility iii. Material processing lab
	b. Increase in the number of M. Tech. programs relevant to Defence Technologies.	Defence related M.Tech specializations increased from 22 to 27.
	c. Increase in faculty strength appropriately. Up-gradation of existing laboratories.	1. Proposal for revival of propulsion complex under process. Proposals for refurbishment of 5

		<p>labs of Dept of Electronics Engg have also been submitted to HQ for sanction.</p> <p>2. Faculty strength increased by taking 4 contract faculty, 7 Visiting and 17 Adj Faculty.</p> <p>3. Case of additional Contract faculty being taken up in GC separately.</p>
	d. Center of excellence for Teaching and Research in Armament and Guided Missiles.	Difficulty being experienced in view of lack of experienced faculty. DRDO assistance solicited
	e. Centre for Nano Technology	Action in hand
	f. Student-Exchange with International Defence Institutes/ Universities.	Proposal for collaboration with Cranfield and NPS has been submitted. Collaboration with Bangladesh – MoU is under examination. Collaboration with Oman – DRDO to provide inputs.
6 (a)	<p>Anomaly in fixation of pay of some Faculty members of DIAT</p> <p>Decision: The Vice Chancellor was requested to send a draft panel to the Chairman GC/Secretary, DDR&D for further needful action.</p>	The recommendations of the committee constituted by the Secretary, DDR&D (Chairman, GC, DIAT) implemented.

9.3 In the absence of any comments from any member, the Minutes of the 8th meeting of the Governing Council held on 4th Feb 2016 has been confirmed.

9.4 **Reporting Issues:** The following activities of the Institute were reported to the GC:

9.4.1 Students Strength at DIAT over 3 years, at a glance:

M.Tech

2014-15	2015-17	2016-18
110	119	245

PhD

2014	2015	2016
97	128	146

The VC thanked the Chairman, DRDO and Services for the good student subscription for the various programs and Media for providing good publicity for its activities and improving the visibility of the institute. He made a short mention about the various awards / acclaims to the institute, which are being covered in the presentation, separately.

9.4.2 Seven New programs being introduced in the year 2017.

- 1) M Sc in Food Technology in collaboration with DFRL/ DRDO Mysore
- 2) M Tech in VLSI & Embedded Systems in collaboration with NIELIT wherein the 1st year of the Pgm will be at DIAT and 1 year at NIELIT.
- 3) M Tech in Optical Communication and Photonics
- 4) M Tech in Corrosion Engg
- 5) PG Diploma in Fire Engg & Integrated Safety in collaboration with CFEES / DRDO
- 6) M Tech in Artificial Intelligence
- 7) M Tech in Data Science

GC appreciated the efforts and the lead taken to enhance the level of activities.

Further, the list of all M.Tech programs on offer by the Institution was presented. After a short discussion on the number of students projected to be admitted, the Chairman expressed confidence that though the projection is for 450 for all M.Tech programs, the actual no. of admission could well cross 350.

The Chairman indicated that this year the student strength is good and expressed happiness, He added that AOP, Air HQ deserves special thanks for the enhanced subscription to M.Tech in TM and to all Service Heads for good subscriptions and excellent support.

The Chairman assured that he will write to PSUs for their student subscriptions.

COP Navy appreciated that the Pgm on Corrosion Engg will help Navy and Coast Guard in a big way and the Pgm on Food Technology should include packaging and food preservation of the disaster relief packages based on geographical regions.

It was suggested that the PG Diploma in Fire Engg & Integrated Safety may be extended to public as well as its value addition is huge with high employment potential and only two institutions in India including CFEES is imparting this Pgm. It was indicated by VC, it was planned to offer the course on trial basis only for sponsored candidates and later it will be reviewed for extending to non-sponsored. However, VC agreed to open the program to PSUs and other government agencies and corporations.

9.4.3 Recognitions conferred on DIAT during 2016.

- 1) Top 100 Influential Vice Chancellors award
- 2) Microwave Pioneer Award by ISM 2016
- 3) Award for Innovation in Polymer Waste Management & Recycling Technology by Ministry of Chemicals and Fertilizers
- 4) DNA award Educational Leadership award for Higher Education.
- 5) Maharashtra Education Summit Award for Best Higher Education Institute in Maharashtra (Research/ Innovation Category).
- 6) Indian National Academy of Science (INSA) Teacher Award
- 7) Dewang Mehta award for Educational Leadership in Higher Education.

The various planned activities viz., MC3, IEEE Indian Antenna Week etc., were presented.

The GC acknowledged the feats and appreciated the Institution on conferring awards,

9.4.4 Publications by DIAT

2014 173

2015 183

2016 details are being compiled; however the trend is upward in general and of high quality

9.4.5 Anticipated student strength in the next few years

Sr. No.	Name of the Pgm	Student Strength
1	M.Tech	800
2	MS (By Research) & PGD	40
3	PhD	160
	Total (appx)	1000

9.4.6 Campus Placement in 2016.

During 2016, DIAT succeeded placing students in major Organizations viz.,

DRDO

BDL

BrahMos

ISRO

TCS

Touchmagix

- The Chairman indicated that VC may write to BEL, BrahMos and other DPSUs and he will also talk to the Chief Executives of those establishments.

Action: DIAT

9.4.9 Status of various works to be undertaken at DIAT

VC requested the GC that in view of the increasing student strength, activities and large number of planned activities, it is essential to have the following infrastructure additions urgently cleared:

Additional Rooms in Stilt of POINTS Hostel: To increase the capacity of POINTS Hostel, a proposal to construct 47 rooms for additional 135 students

Construction of separate Girls Hostel;

Construction of Boys Hostel and Studio Apartments:

Renovation of RPL Complex:

Renovation of 5 labs of Dept of Electronics Engineering: Proceedings submitted to DRDO HQ for sanction

Status of the above proposals was presented.

The Chairman and the Addl FA were surprised to note that considerable delay has occurred in processing the case of stilt coverage which is an urgent issue. It was decided that the Stilt and Girls Hostel are priority issues, with stilt being urgent. CE (CWE) indicated that there are some issues due to the online tender submission on works but assured that within a month, all issues will be addressed and status provided as to when these works could be completed. CE confirmed that the approval will be conveyed by Jan 2017. Chairman directed him to complete the works before convocation (May 2017).

The Chairman enquired with the CE (CWE) about the Girls' Hostel construction which was approved by GB long back.

He asked CE (CWE) to confirm whether approval for RPL complex renovation could also be completed by May 2017. The CE though indicated that efforts could be made; there are some issues with regard to the procedures involved in tendering etc., which are essential.

The CE (CWE) proposed that the works could be addressed in a consolidated way, by preparing a detailed DPR by engaging a consultancy firm. The DPR could consider all assets in the campus, demolition / refurbishments required new requirements as extensions and future requirements. Chairman directed to fast track the DPR through an appropriate agency.

The Chairman indicated that periodical progress to be monitored and issues be followed up for faster completion of works.

Action: DIAT, DCW&E

9.4.10 Up-gradation of Laboratories

Various laboratories of Academic Depts (especially Engg Depts) have been refurbished adding better infrastructure and facilities in the past 1 year.

New Laboratories viz., EMC/EMI, NEMP, Radars, Underwater Communication, UAV, WLN, Robotics etc., are being set up.

Action: DIAT

9.4.11 DIAT Distinguished Lecture Series & Distinguished Visitors during 2016

This series was introduced for the benefit of Faculty and Students for which distinguished / acclaimed speakers are invited. Some of the distinguished speakers who have delivered talks in this series:

Dr A V Aatre, Former SA to RM
Lt Gen V Sundaram, (Retd Director, DRDL/ DRDO)
Prof A V Patki, Ex-ISRO
Prof. Sulochana Gadgil, Atmospheric Scientist

Distinguished Visitors to DIAT during 2016

Vice Admiral S V Bhokare, Commandant, INA
Rear Admiral M D Suresh, Dy Commandant, INA
Lt Gen S P Kochar, SO in C (Retd)
Dr Sanjay Burman, Dir, CAIR

9.4.12 Nomination by Chancellor, DIAT / Hon'ble RM to Institute level bodies

To Board of Management

Prof Pravas Mahapatra (Retd IISc);
Prof Dipankar Banerjee (IISc) and
Prof Shibani Koul (IITD) have been inducted as Chancellor's nominees to BoM.

To Selection and Assessment Committees

Prof (Dr) R K Shevgaonkar nominated in Selection and Assessment Committees of DIAT.

9.4.13 Collaboration with INA

An MoU signed with INA for collaboration in their B.Tech curriculum.

INA has shown interest to have B.Tech Degree awarded by DIAT

VC requested the support of CC HR to provide impetus to the MoUs.

COP Navy expressed happiness over deputing Faculty to INA to teach the cadets and stated that Navy is looking forward to DIAT to award degrees as well, in the time to come, in addition to the faculty support. A report in this regard is being submitted, he added.

9.4.14 DIAT as a De-Novo Deemed to be University and inclusion of other Institutions under the ambit of DIAT

DIAT is in the process of preparing a proposal to be a Deemed to be University under *De Novo Category*, and inclusion of all DRDO labs as DIAT Research Centres / its constituent institutions.

VC informed that the above is to take the HBNI route whereby the various DRDO labs could be Research Centres of DIAT and a detailed proposal in this regard is being prepared and will be submitted to DRDO soon.

Prof Manna indicated that Strategic establishments viz., DRDO and ISRO could collaborate with the Academic Institutions to leverage the strengths of the HEIs in research and academia. VC also confirmed that DIAT also is looking in that angle only with DRDO and by taking projects from other Organisations like BARC etc.

DCIDS indicated that establishment of INDU may be kept in mind while preparing the expansion plans etc., as one day all the tri-services training establishments will be under its control and the same is being established to take care of all training and higher education for the Service Officers. VC indicated that the roles of INDU and DIAT will rather be complementing each other rather than conflicting. Chairman stressed that presently, Services can continue to support DIAT, being the only Degree Awarding Institution and as and when the INDU is established and start working, the status could be reviewed. He added that DIAT will continue with its activities whatsoever.

9.4.15 Centres of Excellence at DIAT

DIAT intends to set up Centres of Excellence for Education in the following areas:

Radars
Propulsion (Aero, Chemical and Electromagnetic),
Nano Technology,
Armament and Guided Missiles

Chairman GC and Secretary, DDR&D said that he will direct the respective Labs to support.

9.4.16 Eighth Convocation of DIAT

The 8th Convocation ceremony was held on 31st May, 2016.

Shri Manohar Parrikar, Hon'ble RM and Chancellor, DIAT was the Chief Guest.

Details of PhD / MS by Research and M.Tech students, awarded degrees:

Sr. No.	Degree	Nos of degree awarded
1	PhD	23
2	MS by Research	08
3	M.Tech	111

9.4.17 Support from DRDO Labs.

DIAT has received good support from DRDO labs.

ADE has given their old EMC / EMI chamber along with associated equipment which has been installed in DIAT

LRDE has given one BFSR and earmarked some antennas, observers and microwave passive components to be spared to DIAT

CABS has earmarked one IFF radar for training and demonstration purposes

DRDL has earmarked some missile models / prototypes to be given to DIAT

DRDL has requested DIAT to issue certificate for their internal courses for which exam will be conducted by DIAT

9.4.18 Support from other organisations:

ISRO has given two GNSS (IRNSS – Navik) receivers for demo / training purposes.

Navy has been requested to spare some old Radars, Sonars, Missiles, Small Turbines and such equipment for training and demonstration.

Similar request is being made now to Army and Air Force.

VC expressed the Service Reps to support the endeavour. Chairman directed that VC may write to AF and Army and he will also talk to the concerned to render necessary support.

Item No. 9.5

Agenda for discussion

9.5.1 Delegation of Powers to Vice Chancellor for Works

Proposal

Since the DIAT student strength is poised to reach 724 students during 2017-18 apart from 214 POINTS Scientists and 100 (approx) short customised course students, expected during the year, there is an urgent need of refurbishing the infrastructure viz., labs, classrooms and other facilities in the campus. Also, the buildings and facilities are quite old and need essential repairs.

Works will be executed through MES and periodical reports will be submitted to DRDO HQs.

GC is requested to consider delegating Works powers to VC to the tune of Rs.50 lakhs per works.

Discussion: All the members confirmed the essentiality of the need to have the powers delegated to take care of the buildings and the campus. Addl FA indicated that it should not be a problem, delegating powers so far as it is clear on paper and based on the delegations to other similar positions. DCIDS (DOT) and DCOAS rep indicated that in Services, the powers are delegated under heads viz., for Minor Works, Major Works, Maintenance and Special Repairs, etc. Prof Manna and Prof Desai indicated that in the absence of such powers, the campus maintenance will go bad and depending an external agency for such issues is time consuming. DCIDS indicated that the Commandant, MILIT has been delegated powers for Works and that could be considered while extending delegations to VC. Directors of IITs said, they do have such powers

Decision: Approval in principle, accorded to the proposal subject to considering financial delegation of other similar positions. It has been agreed to confirm with Defence Services Organisations to finalise delegation of financial powers.

Action: DIAT

9.5.2 Increase in the Cadre strength of Assistants

Proposal

As per the Rules and Regulations Governing Service Conditions of DIAT (2009), which forms part of the Statutes, the Institute has an approved strength of 35 Assistants. Over a period time, the no. of specializations being offered has gone up to 27.

The number of students has gone up from 375 in 2015-16 to 512 in 2016-17. Many specialized training programmes have been added in the list of activities.

Considering the increase in the extant of activities, it is proposed to increase the cadre strength of Assistants by 10.

Discussion: Assoc. Dir, HRD, DRDO indicated that any new manpower requirement will have to be sent for approval beyond the Ministry, being additional requirement beyond the approved cadre strength.

Decision: Chairman directed DHRD to submit how the initial approval was taken while allocating manpower to DIAT based on which, this may be processed.

Action: DIAT, DHRD

9.5.3 Approval for Audited Statements of Accounts for the year 2015-16

Proposal

The following Audited financial statements of accounts for the year 2015-16 was presented:

A) Income and expenditure a/c for the year 2015-16

PARTICULARS	31.03.2016	31.03.2015
INCOME		
Academic Receipts	0.78	0.28
Interest Earned	0.86	0.51
Miscellaneous Income	1.18	1.40
Grants for Revenue Expenditure	20.72	0.00
Excess of Expenditure over Income	3.00	22.40
TOTAL	26.53	24.59
EXPENDITURE		
Establishment Expenses	10.79	11.82
Administrative Expenses	5.49	4.88

Academic Expenses	4.24	3.21
Depreciation	6.02	4.68
TOTAL	26.53	24.59

B) Balance Sheet for the year 2015-16

PARTICULARS	31.03.2016	31.03.2015
SOURCES OF FUNDS		
CORPUS/ CAPITAL FUND	48.30	201.31
EARMARKED (SPONSORED PROJECT) FUNDS	1.38	1.45
CURRENT LIABILITIES AND PROVISIONS	5.89	4.64
TOTAL	55.56	207.41
APPLICATION OF FUNDS		
FIXED ASSETS :		
Gross Block	70.02	56.18
Less : Depreciation	34.56	28.56
Net Block	35.46	27.62
Capital Work in Progress	0.23	5.62
CURRENT ASSETS	13.96	9.92
LOANS AND ADVANCES	2.88	1.16
INCOME AND EXPENDITURE ACCOUNT	3.02	163.09
TOTAL	55.56	207.41

Discussion: The Addl FA indicated that once it is cleared by the FC and the Secretary, in principle, it could rather be a Reporting Item. However, next time onwards, along with the Annual Report Agenda, the information be submitted to GC for approval, in advance.

Decision: GC approved the Income and Expenditure and Balance Sheet for the year 2015-16.

9.5.4 **Approval of Annual Report for the year 2015-16**

Proposal

The Annual Report for the year 2015-16 has been submitted for tabling in the parliament:

Discussion: Director, IITK indicated that in general, the Annual Report is approved in principle by the Chairman of the Board for submission to the Parliament and it is submitted to the Council / Board for ratification. VC indicated that in this case also, the same was done but approval of GC is essential for records and posterity. VC proposed to have the GC meeting held during July every year so that the Annual Report and the Audited Statements of Accounts for the year could be submitted for approval and with due approval, could be submitted to Parliament.

Decision: Annual Report for the year 2015-16 approved. The proposal to have the meeting of GC was also agreed and necessary advance intimation may be initiated. However ARs can be submitted after approval from Chairman, GC, as suggested by Prof Indranil Manna, Director, IITK.

Action: DIAT

9.5.5 Expert Faculty / Instructors from DRDO and Services to handle specific courses

DIAT does not have experts in the fields of Armament, Missile Technology and Marine Technology to impart instructions with practical inputs from the field.

Services and DRDO, requested to depute experts in these disciplines to DIAT.

Discussion: Assoc. Dir, HRD indicated that advertisement has been released on DRONA inviting applications from DRDO Scientists interested to serve DIAT on deputation terms and applications have been received and are under process. DCIDS proposed that there are many qualified and experienced faculty in Missiles, Armament Vehicles and Marine posted to MILIT and their expertise could be used and the MoU being drawn by the restructured implementation committee could spell out clearly, the teaching arrangements. It was also indicated that there are many DRDO Scientists and Service Officers available to teach these subjects. VC indicated that many such experts are not interested to spend sufficient time for teaching and hence, the request to have experienced people posted to DIAT, so that they are available full time. Directors of IITs also indicated that they are also employing the services of retired Academicians to support teaching.

Decision: Chairman directed to take help of IDST for expert faculty in the areas of Armament, Missile Technology & Marine Technology etc. He would also arrange for posting of selected DRDO scientists to DIAT and sending some experts selected on the basis of their expertise in these areas. The expertise available with MILIT also may be leveraged and senior experts from Services may be considered. Feedback of students may be taken and based on the feedback, may be considered for continuation.

Action: DIAT

9.5.6 Subscription of students to DIAT M.Tech Pgms by Services and DRDO

Proposal

The no. of Officers deputed by the Services and DRDO in the last three years, as below was presented:

Year	Army	Navy	Airforce	CG	DRDO + DPSUs	Total
2016-17	09	15	23	06	34	87
2015-16	05	24	19	06	16	70
2014-15	05	21	18	03	13	60

Services and DRDO were requested to depute more officers for the courses at DIAT.

Discussion: Chairman enquired about the number of students from DPSUs. It is informed that there are 8 students from BEL. DCIDS and DCOAS Rep informed that as indicated in the previous GC, the number of Service Officers who could be nominated is limited. VC clarified that the M.Tech in Technology Management was started to orient

DRDO Scientists and Service Officers on Project Management affairs so that they could become better managers with enhanced skills.

Decision: DCOAS rep requested for a detailed USP of each Pgm being offered so that Service HQ could compare and try for more nominations for DIAT. Chairman informed that VC can write to DPSUs referring the discussions, for better subscriptions and he will also support. Chairman added that Minutes of the GC meeting could be a referral document for HQ IDS to look at the issue.

Action: DIAT, HQ IDS

9.5.7 Additional Budget Projection of Rs.2.50 Crores in F.Y. 2016-17, towards implementation of 7th CPC recommendations

Proposal

Category	No. of employees	BEFORE REVISION			AFTER REVISION			ARREARS (For one month)	ARREARS (For 15 month)	NPS ARREARS
		Basic	Allowances	Total	Basic	Allowances	Total			
Teaching	43	16.79	26.77	43.56	43.20	8.11	51.31	7.75	116.25	7.30
Non-Teaching	113	16.11	25.86	41.97	41.96	7.82	49.78	7.81	117.15	7.60
TOTAL	156	32.90	52.63	85.53	85.16	15.93	101.09	15.56	233.40	14.90
TOTAL FINANCIAL IMPACT									248.29	

The total financial impact of implementation of 7th CPC recommendations in DIAT (DU) is likely to be to the tune of Rs.2.50 Crores in F.Y. 2016-17.

The Finance committee & Board of Management have approved the proposal in the meetings held on 06th August 2016.

Decision: Proposal approved in principle.

9.5.8 Enhancement of Core Faculty Strength to 60 Nos

Proposal

Presently DIAT has a borne strength of 42 Core faculty and 3 DRDO scientists.

The sanctioned strength of DIAT is 70; 50 Core faculty and 20 DRDO scientists.

In view of the fact that DIAT is steadily increasing its student intake and starting new specializations, GC is requested to approve the increase in Core faculty strength to 60, thereby increasing the total strength to 80.

Decision: GC approved increase in Core Faculty Strength in principle, from 50-60. Chairman directed DIAT to put-up SoC and DHRD to explore the possibilities and procedures thereof.

Action: DIAT, DHRD

9.5.9 Scientists on deputation as faculty to DIAT for a minimum period of five years

Proposal:

Presently, DRDO Scientists are deputed to DIAT for varied tenures.

It is requested to consider a minimum five year deputation to DRDO Scientists posted to DIAT [MHRD allows 10 years]

Discussion: VC indicated that enhancement of the deputation period to 5 years will help stabilise the academic commitments.

Decision: The proposal has been agreed upon.

Action: DIAT, DOP

9.5.10 Creation of a position of Professor Emeritus

Proposal

DIAT proposes to have two positions of Professor Emeritus. These are proposed in the names of Dr Kalam and Prof M G K Menon

Eligibility: Retired Scientists/ Engineers/ Academicians (DS or Equivalent Grade) / Retired Service Officers

Remuneration: 50% of the maximum of the basic pay of DS grade plus admissible allowances as per Govt Rules.

Duration: Initially for 1 year; extendable up to 3 years based on performance.

Selection Committee: An external Committee approved by Chancellor, with renowned experts from various related areas, may be constituted for selection of Professor Emeritus, chaired by Vice Chancellor, DIAT.

Discussion: HQ IDS proposed that there shall be a member from Services in the Selection Committee. Chairman indicated that such committee shall have all external experts only, preferably with no representative from DRDO & Services. It was noted that it may not be a good idea to put the condition that extension will be based on performance as the position is very senior equivalent to a Chair Professor. The Chairman said that we can have a pool of people from Academics, DRDO and Services to leverage the strengths. An arrangement could be made to have feedbacks and may work further.

Decision: Creation of position of Professor Emeritus, agreed.

Action: DIAT

9.5.11 Raising Standards for Recruitment and Promotions of Faculty:

Proposal

The UGC in its clarification vide F.17-6/2013(PS/Misc) dated Sept 2015 stated that "The appointing authority may raise qualifying standards without deviation from the minimum qualifications prescribed by UGC, if it so desire"

To improve the standards at DIAT, the minimum standards proposed to be raised for new recruitments and existing faculty promotions.

This issue was discussed in the last BoM and BoM and cleared for GC.

Highlights of the proposal are presented.

- For direct recruitment, minimum requirements of a good academic record with 65% marks/equivalent grade.
- Selection will be done by the "Selection Committee" through Assessment of research background, domain knowledge, teaching skills and overall interview performance.
- CAS promotions from a lower grade to a higher grade of Assistant Professor shall be conducted by a "Screening cum Evaluation Committee" and "Interview Committee" adhering to the criteria laid out as API score.
- The "Screening cum Evaluation Committee" will verify/evaluate API score secured by the candidates and as per the minimum requirement for each of the cadre shall recommend to the Vice Chancellor about the suitability and eligibility of candidate for interview.
- The "Interview Committee" will assess candidate on various criteria and based on the overall assessment, the candidate will be promoted.
- API score shall be an index of eligibility only.
- Weightage to APAR is included in Category-I of API.
- For promotions from stage-3 to stage-4 and from stage-4 to stage-5, External experts' comments/opinion on suitability of the candidate for the promotion to be sought. The inputs will be submitted to the Selection Committee.
- The date of promotion shall be decided by the Interview/Selection Committee from date of eligibility/date of application/date of assessment which may be normalized to nearest 01 Jan / 01 Jul.

Discussion: Prof Indranil Manna suggested that raising the minimum percentage of marks may not guarantee selection of a best candidate. The candidate should be selected based on performance, academic track record, publications, projects handled, PhDs guided and overall experience.