MINUTES OF 22nd FINANCE COMMITTEE MEETING OF DIAT (DU) HELD ON 06th Dec 2019 at DIAT (DU), Pune

The 22nd Finance Committee meeting of DIAT(DU) was held on 06th Dec 2019 at 10.00 Hrs at 4th Floor Conference Hall of Defence Institute of Advanced Technology (DU), Girinagar, Pune-411025 under the **Chairmanship of Dr C. P. Ramnarayanan, Vice Chancellor.**
The following members were present:-

1.	**Dr C. P. Ramnarayanan**	**Vice Chancellor –DIAT (DU)**	**Chairman**
2.	Shri Subir Mallick	Addl. FA & JS (R&D), DRDO HQ	Member
3.	Shri Alok Mall	DHRD	Member
4.	Ms. Harsha Rani	Under Secretary, DRDO HQrs	Member
5.	Cmde (Retd)AtulkumarSinha	Registrar	Member
6.	Dr. A. Kumasrwamy	HMMG	Invitee
7.	Prof. Sangeeta Kale	Dean (Acad)	Nominee of BOM
8.	Dr. K. P. Ray	Dean (SR)	Nominee of BOM
9.	CA Dr. Vidya K Gargote	**Finance Officer**	**Member Secretary**

Shri Subir Mallick, Addl. FA & JS (R&D), DRDO HQ joined the meeting on DRONA.

To proceed with, Finance Officer welcomed the members to the 22nd Finance Committee Meeting and requested the Vice Chancellor to conduct the proceedings as per Agenda.

Hon'ble Vice Chancellor welcomed all the members and thanked DRDO HQ for extending adequate financial support to DIAT. He also mentioned about the requirement of more funding for the year 2020-21. He then directed Finance Officer to proceed
Then, the Finance Officer proceeded to present Agenda points for discussion.. The deliberations on the Agenda and the decisions taken are recorded in succeeding paragraphs.

AGENDA POINTS :-

1. **Action taken report on 21st Finance Committee Meeting held on 05.10.2018:**

The details of action taken on the decisions taken during 19th FC Meeting were presented by the Finance Officer

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Sr. No.	AGENDA POINT	ACTION TAKEN
1.	**Review of Actual Expenditure of DIAT (DU) for 2017-18 and BE 2018-19 (Till 30.09.2018)**	**The committee reviewed the actual Head wise expenditure.**
2.	**To consider and approve Budget estimates for the year 2019-20**	**The committee approved the Budget Estimates of the F.Y. 2019-20**
3.	**To consider and approve Audited Annual Account of DIAT(DU) for the year 2017-18**	**The committee approved Audited Annual Accounts of the F. Y. 2017-18**
4.	**Any other points with the permission of Chairman:** **A) Payment of Allowances to DIAT Staff as per 7th CPC recommendations as applicable to Central Govt. Employees/ Autonomous Bodies.**	**After the approval of DRDO Hqs the payment of 7th CPC allowances implemented in the month of March 2019.**
5.	**B) The committee deliberated the new initiatives for generation of additional revenue by DIAT(DU).**	**New initiatives started for generation of additional revenue by DIAT(DU).**

The Committee accepted the Action Taken Report.

2. **Review of Actual Expenditure of DIAT (DU) for 2019-20 and (up to 31.10.2019):**

The actual expenditure of the University up to 31.10.2019 was presented by Finance Officer as per details shown in **Annexure- I.**

Finance Officer informed the committee that Grant-in Aid will be fully utilized by 31.03.2019. Finance Officer further informed that on the capital account, orders for scientific equipment have been committed and subscriptions for on line journals, eBooks has been initiated.

Addl.FA & JS enquired the progress in implementation of measures to increase internal resources of DIAT. The Vice Chancellor stated that this use of sophisticated equipment will take momentum once the renovation work is completed.

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3. **To consider and approve Budget Estimates for the year 2020-21:**

Finance Officer presented the Budget Estimates of Rs. 45.50 cr for the Financial Year 2020-21.

Committee deliberated at length the requirement of Budget for the 2020-21. Addl. FA & JS sought the reasons for the increase in the requirements of Capital Expenditure and expressed the concern about spending the money in the particular financial year. Finance Officer informed that the Budget has been spelled out based on the requirements of scientific equipment, software, furniture etc. from the academic as well as administrative departments. Finance Officer further informed that the budgeted amount is much less than the requirements of the departments.

Hon'ble Vice Chancellor also clarified that faculty members have projected additional requirement of equipment for research work in labs.

Addl. FA & JS sought the list of the equipment proposed to be purchased in the FY 2020-21. Finance Officer stated that list will be sent to all the members along with the minutes of FC. **(List attached Equipment Rs 22.97 Cr, Budgeted Rs 10 Cr)**

4. **To consider and approve Audited Annual Accounts of DIAT(DU) for the year 2019-20:**

Detailed presentation of the Financial Statements for FY 2089-19 i.e Balance Sheet and Income and Expenditure was made by Finance Officer. She informed that Statutory was conducted by PGMJ Associates, Chartered Accountants, Pune. Auditors have certified that the Accounts of DIATgive true and fair view in conformity with the generally accepted accounting principles in India.

Finance Officer brought out that the Statutory Auditors have made an observation that the actuarial valuation in r/o retirement benefits as per the requirement of AS 15 is not obtained. In this regard Finance Officer stated that "In principle" approval shall be taken for further processing and statutory compliance.

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Finance Officer also brought out that the Statutory Auditors have made an observation regarding elimination of records of Fixed Assets in the custody of MILIT upon de-merger of DIAT and MILIT. In this regard Finance Officer stated that, in FY 2019-20, same will be incorporated.

Finance Officer also brought out that the Statutory Auditors have made an observation regarding Non Deduction of TDS on GST and non compliance of provisions of RCM on GST. Finance Officer stated that the same has been complied with in FY 2019-20.

5. **Any other point with the permission of chair**

The Chairman expressed his sincere thanks to all members for active participation in the meeting There being no other points, the meeting was concluded with thanks to the chair.

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(CA Dr. Vidya K Gargote)
Member-Secretary
Finance Committee

CA. Dr. Vidya Kisan Gargote
Finance Officer
Defence Institute of Advanced Technology
(Deemed University)
Girinagar, Pune - 411 025.

To
All members

CAPITAL BUDGET REQUIREMENT FOR THE YEAR 2020-21

Name of the Department : Applied Mathematics

In Lakhs

Sr. No.	Name of the equipment	Estimated cost	Usage	Justification
1	Cluster Computations	50.00		Modelling and Simulation Lab Computer clusters are used in many organizations to increase processing time, faster data storing and retrieval time, etc. These computers achieve higher performance or reliability
2	PhD Scholars room Desk top Furniture	8.00		Department PhD Scholars arrangement
3	DRC Class room renovation	3.00		Audio room effect for All Scholar of DIAT
4	Printers for faculty (6)	1.75		The existing printers were not working since two and half years for some and others are partially working. It is essential for routine teaching and research work of the faculty.
5	Cupboards (15)	3.00		Department Library and Faculty
6	Godrej Glass Door Storwell (2)	0.50		Department Library and Office
7	Guest Chairs (50)	1.00		For Faculty rooms and HoD Room
8	Room separator for faculty (6)	0.50		Existing ones are in broken condition.
9	UPS to PC (6)	0.75		For Faculty computers. The present UPS is not giving sufficient backup.
10	File Cabinet	0.75		Department office
	Sub Total	69.25		

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Name of the Department : Applied Physics				
Sr. No.	Name of the equipment	Estimated cost	Usage	Justification
1	Low Temp I-V & C-V Measurement Setu	50.00		
2	RF sources and Detetctors	40.00		
3	Dies for PLD and Sputter targets	2.00		
4	Piezo Force Microscopy	20.00		
5	Lab ACs and Furniture	20.00		
6	Surface Profilometer	15.00		
7	Electro-Optics modulator with Driver	12.00		
8				
	Sub Total	159.00		

Name of the Department : Applied Chemistry				
Sr.No.	Name of the equipment	Estimated cost	Usage	Justification
1	Differtial Scanning Calomimeter	55.00		
2	Burn Rate Measurement equipment	45.00		
3	Photocatalysit equipment with spectroscopic characterization	15.00		
4	BET absorption Instrument	15.00		
5	Furnace for sintering	7.00		
6	HPLC	25.00		
7	Time resolved spectrometer	40.00		
8	Redox measurement system	10.00		
9	Gas Sensor Equipment Setup	5.00		
10	Fire Safety Cylinder storage	5.00		
11	Fume Hoods	5.00		
12	Lab Intallations	5.00		
13	Controlled atmosphere glove box 2 por	25.00		
	Sub Total	257.00		

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Name of the Department :Mettalurgical and Materials Engineering				
Sr.No.	Name of the equipment	Estimated cost	Usage	Justification
1	CR02XX crimping Machine	2.00	M.Tech Students & Ph.D Scholars	M.Tech Laboratory
2	Glove Box	15.00	M.Tech Students & Ph.D Scholars	Project Work
3	Bulk Texture Measurement Software	5.00	Faculties, M.Tech Students & Ph.D Scholars	For Research / Project
4	Table Top UTM for Polymers & Composits (Load Cell > 1 KN)	20.00	Faculties, M.Tech Students & Ph.D Scholars	For Research / Project
5	Sample Preparation for TEM	100.00	Faculties, M.Tech Students & Ph.D Scholars	For Research / Project
	Sub Total	142.00		

Name of the Department : Aerospace Engineering				
Sr.No.	Name of the equipment	Estimated cost	Usage	Justification
1	Stainless Steel Honey Comb Core	25.00	Subsonic Wind Tunnel	Required for Subsonic wind tunnel tc maintain flow quality in the test section. Good flow quality in the test section will be essential for research projects
2	Boards, missile models, fog liquid for PIV, hardware, Fog exhaus arrangements or PIV, Wind tunnel models, probes for subsonic wind tunnel, fog exhaust arrangements for PIV	10.00		
3	Compressor, Dryer and accessories for supersonic wind tunnel	50.00		
	Sub Total	85.00		

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Name of the Department : Electronics Engg.

Sr.No.	Name of the equipment	Estimated cost	Usage	Justification
1	**Centre of Excellence in Radar Systems**	300.00	This facility will be the Centre at the National Level to provide customised training and to carry out futuristic researches	1. To develop radar systems and signal processing algorithms suitable for near future radar technology. 2. To povide customized trainging to MoD personnels working in this field. 3. To provide consultancy solutions to the Industries
2	**RF Subsystems and antenna designs substrates**	75.00	Radar System Control, radar data acquisition and signal processing laboratory	This facility is required to build radar systems, radar data acquisition , signal processing and target imaging. Students can also carry out experiments and researches in the field of radar systems and signal processing /imaging
3	**Real Time Ocsilloscope, wide band with RF signal generator, Radar signal analyzer and radar simulator**	300.00	To analyze the several micro features of targets	This facility is required to build radar systems, radar data acquisition , signal processing and target imaging. Students can also carry out experiments and researches in the field of radar systems and signal processing /imaging
4	**Refurbishment of 4 class rooms and 1 conference hall**	150.00	for conducting classes for M. Tech and to conduct regular seminars for Mtech , MS and Ph D	Class rooms are in vey bad condition and needs urgent refurbishment
	Sub Total	825.00		

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Name of the Department : Mechanical Engineering				
SL.NO.	Name of the equipment	Estimated cost	Usage	Justification
1	Up-gradation of Gas Gun	15.00	Stress Analysis & Vibration Lab (Dr. A Kumaraswamy)	Doctoral Research / M.Tech Dissertation by students of Mechanical /Materials/ Aerospace students Sponsored R &D Projects in defence applications
2	Residual Stress Analyser (X- Ray)	100.00	Precision Engineering Laboratory (Dr. D G Thakur)	To investigate the structural integrity for damage tolerant design
3	Fluidyn Software	15.00	Mechanical System Design & Analysis Lab (Dr. Sunil Chandel)	Software is very good for Fluid Structure Interaction problems. The software can be used for M Tech and PhD student's project work.
4	Fully instrumented Shock Tube test fac	60.00	Fluid flow and Heat Transfer Lab (Shri. Pankaj Sharma)	To establish one shock tube test facility to simulate blast effects in the laboratory is of prime importance to the DRDO laboratories/ other industries working in the area of blast/ impact loading of structures To capture deformation/failure pattern of samples during shock tube test
5	High Speed Camera	100.00	Fluid flow and Heat Transfer Lab (Shri. Pankaj Sharma)	
6	Vacuum Assisted Resin Transfer Moulding Process Equipments along with various accessories and raw materials.	40.00	Mechanical Testing Lab (Dr. Sunil Nimie)	Manufacturing of composite laminates. It will be useful for M.Tech and PhD students for their projects and research work.

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7	**Exoskeleton suite**	8.00	**Robotics Laboratory (Ms. Prajakta Koratkar)**	To design and assemble modules of externally controlled supporting parts for enhancing human capabilities.
8	**Remotely operated underwater surveil**	5.00	**Robotics Laboratory (Ms. Prajakta Koratkar)**	AI based Robot path planning and control application.
9	**Lab computers- 5 no.**	3.00	**Robotics Laboratory (Ms. Prajakta Koratkar)**	To accommodate 15 students for Lab sessions in which students use computer programming for robot operations.
10	**Drone Quadcopter with Camera HDR Video UAV Adjustable Aperture 20MP 1" CMOS Sensor**	3.00	**Robotics Laboratory (Ms. Prajakta Koratkar)**	Control and navigation monitoring
11	**Miscellaneous**	2.00	**Robotics Laboratory (Ms. Prajakta Koratkar)**	Sensors (IR range detectors, Ultrasonic sensors), Actuators (servo motors), controllers and cables.
	Sub Total	**351.00**		

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Name of the Department : Administration				
Sr.No.	**Particulars**	**Estimated cost**	**Usage**	**Justification**
1	Workstations (Office furniture unit) 8 nos	5.6		present ones old and broken
2	Full back chairs 8 nos	0.56		
3	Personal Computers 4 nos	1.00		3 old PCs are being replaced in current year and 4
1	Cupboards 6 nos	0.72		Huge Records so additional storage is required
2	Computers 4 nos	2.5		PCs are hanging frequently and data corrupted
3	Office Tables 6 nos	0.9		
4	Xerox machine/printer/copier	5.00		
5	Desktop PC with printers 5 sets	5.00		
6	Color laser printer with scanner	3.00		
7	Office furniture 5 sets	5.00		
8	Air Conditioners	2.00		
9	Miscellaneous	3.00		
	Sub Total	**34.28**		

Name of the Department : Library				
Sr. No.	**Name of the Jouranals**	**Estimated cost**	**Usage**	**Justification**
1	Journals	85.10	85	
2	IEL(IEEE/IEE) Online Database	169.63 + 5 = 174	175	
3	ASME Journals			
4	ACM Digital Library			
5	J-Gate			
6	Springer Link			
7	SCOPUS			
8	ProQuest Technology Research Collectic			
9	ABI/Inform			
10	Gramerraly			
11	e-Books / Books	40.00	40	
12	Books	40.00		
12	Others	0.30		
13	New databases/Journals	40.00		
	Sub Total	**375.03**		
	Grand Total	**2297.56**		

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