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Defence Institute of Advanced Technology
(DIAT) (Deemed University),
Giriniagar, Pune-411 025

DIAT/F/REG (G)/AC/1410

24 Jan, 2018

**MINUTES OF THE ACADEMIC COUNCIL MEETING HELD AT DIAT
PUNE ON 11th JAN 2018 AT 1130hrs**

1. Following were present:-

	Designation	Remarks
(a)	Vice Chancellor, DIAT (DU), Pune	Chairman
(b)	Prof. R K Shevgaonkar, Professor, IIT Bombay	Member
(c)	Cmde B Vashishta, Rep ACIDS (TRADOC), HQ IDS	Member
(d)	Dr. A K Gupta, Sc 'G', Assoc Director, DHRD, DRDO	Member
(e)	Dean (T) & HoD TM	Member
(f)	Dean(AS) & HoD, Material Science Engg	Member
(g)	Dean (SA)	Member
(h)	HoD, Applied Physics	Member
(i)	HoD, Dept of Mechanical Engg	Member
(j)	HoD, Applied Chemistry	Member
(k)	HoD, Comp Sci & Engg	Member
(l)	HoD, Aerospace Engg	Member
(m)	HoD, Electronics Engg	Member
(n)	Prof. S K Panigrahi, Dept of Mechanical Engg	Member
(o)	Prof. S K Das, Dept of Applied Mathematics	Member
(p)	Prof. N Suresh Kumar, Dept of Electronics Engg	Member
(q)	Dr K Krishna Naik, Asstt Prof Dept of EE	Member
(r)	Dr Shaibal Banerjee, Asst Prof, Dept of AC	Member
(s)	Librarian	Member
(t)	Controller of Examination	Member
(u)	Finance Officer	Member
(v)	Joint Registrar (Acad)	Spl invitee
(w)	Registrar	Secretary

2. Vice Chancellor, the Chairman extended a very warm welcome to all the new members of Academic Council and specially welcomed Prof. R K Shevgaonkar, Professor, IIT Bombay, Cmde B Vashishta, Rep ACIDS (TRADOC), HQ IDS and Dr. A K Gupta, Sc 'G', Assoc Director, DHRD, DRDO, all joining the meeting in person. In his opening remarks, VC briefed the following aspects to Academic Council:

- (a) The 9th Convocation of DIAT (DU) was successfully conducted on 28th May 2017. Shri Arun Jaitley, Hon'ble FM, RM, Govt of India and Chancellor, DIAT presided over the ceremony and also deliver convocation address.
- (b) The student strength has increased considerably in last two years.
- (c) DRDO has sanctioned construction of a Girls hostel and a Boys hostel & studio apartment.
- (d) DIAT will offer the existing 12 M Tech programs with 25 specialisations, in the Academic year 2018-19 also. In addition, M Sc in Food Technology (in association with DFRL/DRDO), will also be offered during Academic Year 2018-19.

3. Thereafter the Vice Chancellor directed Registrar to proceed with the schedule of the meeting. Registrar presented the Action taken Report on the decisions taken in the last AC Meeting held on 23rd May 2017 as per details given below:-

Sr. No.	Point	Status
1	Presentation of Results	Action completed Degree awarded to 18 students of PhD, 03 students of Master of Science (by Research) and 133 M Tech students (2015 -17) in 9 th Convocation of DIAT held on 28 th May 2017.
2	Student Feedback about the course curriculum, faculty and other relevant factors.	Implemented

Prof Shevgaonkar suggested that exit Feedback on overall Programme, facilities, Lab, Institute etc may also be obtained. It was also opined that feedback from sponsoring agency and Alumni may also be obtained. The Chairman stated that DIAT will devise some mechanism, on the matter.

4. Thereafter, the AC ratified the minutes of the AC Meeting of 23rd May 2017.

Agenda Points for discussion:

5. Courses of Study for PG Programmes

The Chairman, PGC presented the course structure of various M. Tech programs, to be offered during next Academic year commencing from July 2018. It was proposed to offer existing 12 M Tech programs with 25 Specialisations out of which, 01 M. Tech programs (i.e. M. Tech in Corrosion Technology) will be only for sponsored category, 01 M Tech program (i.e. M Tech in Technology Management) for Sponsored & self- financed and 09 other M Tech programs for all categories of

students. The Institute will now offer M Tech in Materials Engineering to Scholarship Category (Scholarship through DBT Scheme of AICTE) also.

The Institute will also offer M. Sc in Food Technology ((in association with DFRL/DRDO) only for sponsored category (including DPUs and Industry sponsored) and Master of Science (By Research) for DRDO/MoD sponsored candidates, during Academic Year 2018-19.

After brief discussion, the Academic Council approved the Courses of Study 2018-2020, as proposed above.

6. Presentation of Results

The Controller of Examinations presented results of 13 students of PhD, as they have completed all the requirements for award of degree.

Prof Shevgaonkar suggested that comments of experts/Ph D evaluation report may be made available to the members of AC for perusal and it may recorded as the same is placed before AC. The suggestion was accepted and AC decided to implement it from next Academic Council meeting.

After brief discussion, the Academic Council approved, approved the results for award of degrees.

7. Reporting Item

(i) Admission Details for Academic Year 2017 – 18:

- **M Tech:** 270 students are registered for 25 PG programmes under different categories. (Details at Annexure I)
- **PhD:** Total 07 Students have been admitted to Ph D Program in July 2017. As on Jan, 2018 there are 128 PhD Scholars under different categories. (Details at Annexure II)
- **MS (by Research):** DIAT admitted 01 student from DRDO in Dept of Mechanical Engg in the academic year 2017 – 18.
- **MSc (Food Technology):** Total 8 Sponsored students have been admitted for M Sc in Food Technology.

(ii) Participation in the National Institutional Ranking Framework (NIRF) 2018: DIAT has submitted data on NIRF Web Portal for NIRF Ranking 2018 under Overall /Engineering Category.

(iii) **Academic Infrastructure Development:**

Sr. No.	Description	Status
01	Additional Rooms in Stilt area of POINTS Hostel	All 45 rooms will be taken over by 31st Jan 2018 giving 135 additional beds
02	Construction of Separate Girls Hostel. (Sanctioned Amount - Rs. 18.42 Crores)	Foundation stone laid on 22/10/2017. Work commenced
03	Construction of Boys Hostel and Studio Apartments for Married PhD Scholars, Visiting Professors and Adjunct Faculty and Transit Facility (Sanctioned Amount - Rs. 45.93 Crores)	Tendering in progress
04	Addition/ Alteration to Class Rooms and Laboratories etc	Recommendations of the BOO submitted to DRDO HQ. Sanction in progress.
05	Renovation of RPL Complex i. Incubation Center/ Cell ii. Metallurgy Laboratory iii. Fabrication Workshop iv. Computing Facility v. High Speed Jet facility	Work commenced. EDC 28th Feb, 2018
06	Renovation of 5 labs of Dept of Electronics Engineering.	Work Completed.
07	Renovation and infrastructure development of new and existing labs in Materials Engg dept	Sanction in progress
08	Renovation of Materials and Fabrication workshops	Sanction in progress

8. Any Other Point:

a. **Ph D related Issues:** Prof Shevgaonkar suggested that personal interview should be final criteria for admission to Ph D Programme. However, keeping in view the UGC Regulations for conduct of written test also, it was suggested that GATE score and percentile score in the written test may be made qualifying criteria for personal interview for admission to Ph D Programme at DIAT.

Prof A Kumarswamy, Chairman, DRC suggested that there should not be age limit for admission to Ph D Programme under Institute Scholarship category, in line with NITs etc.

It was also suggested that online courses may be allowed to complete mandatory Course work for Ph D Programme.

The Chairman stated that DIAT will consider the above suggestions and work out modalities etc.

b. **Dr. A K Gupta, Associate DRHRD, DRDO** thanked DIAT on behalf of DRDO Defence Laboratories and highlighted the potential areas for DIAT as under:

- Consult different clusters of DRDO Labs
- Collaboration with Foreign Institutes/Universities
- Undergo a MoU with MIT University
- DIAT should excel internationally
- More National and International Conferences should be arranged.

The Vice Chancellor stated that DIAT has conducted three International conferences in recent past, without any fund from DIAT. Also a proposal for next year to organise a workshop on WARFARE for Cranfield University through DRDO is under approval.

Concluding remarks by Chairman: The Chairman concluded stating that Library facility has increased considerably, some of the laboratories are at par with any IIT etc, and classroom infrastructure is also getting improved.

9. VC, being his last Academic Council Meeting, thanked all the Members of AC and also thanked DRDO.

10. There being no further points, the meeting concluded with vote of thanks to the Chair.



(Atul Kumar Sinha)
Cmde (Retd)
Registrar and Secretary, AC

Sl. No.	NAME OF M. TECH PROGRAMME	SPECIALIZATION	ARMY	NAVY	AIR FORCE	DRDO	COAST GUARD	SCHOLARSHIP	SPONSORED	Ethiopian students	TOTAL
1	AEROSPACE ENGG	AE (GM)	0	4	4	2	0	12	0	0	22
2	AEROSPACE ENGG	AE (AA)	0	2	6	0	0	0	0	0	8
3	AEROSPACE ENGG	AE(UAVs)	0	0	0	0	0	11	0	0	11
4	MECHANICAL ENGG	ME (MARINE)	0	6	0	0	6	4	2	0	18
5	MECHANICAL ENGG	ME (ACV)	0	0	0	0	0	5	0	2	7
6	MECHANICAL ENGG	ME(ROBOTICS)	0	0	0	0	0	20	1	0	21
7	MECHANICAL ENGG	Mechanical System Design)	0	0	0	7	0	11	0	0	18
8	COMPUTER SCI & ENGG	CSE (CS)	4	2	3	1	0	7	0	0	17
9	COMPUTER SCI & ENGG	CSE (SEIS)	0	3	0	1	0	2	0	0	6
10	MATERIALS SCI & CHEMICAL TECH	CST	0	0	0	0	0	5	0	0	5
11	MATERIALS SCI & CHEMICAL TECH	EMP	0	0	0	0	0	3	0	0	3
12	MATERIALS SCI & CHEMICAL TECH	MST	0	0	0	0	0	21	0	0	21
13	MATERIALS ENGG	ME	0	0	0	1	0	0	5	0	6
14	MODELLING & SIMULATIONS	M & SC	0	1	0	0	0	9	0	0	10
15	SENSOR TECH/LEOC	ST	0	0	0	1	0	7	0	1	9
16	SENSOR TECH/LEOC	LEOC	0	1	2	0	0	6	0	0	9
17	OPTICAL COMM AND PHOTONICS	OCP	0	0	0	0	0	4	0	0	4

Sr. No.	NAME OF M. TECH PROGRAMME	SPECIALIZATION	ARMY	NAVY	AIR FORCE	DRDO	COAST GUARD	SCHOLARSHIP	SPONSORED	Ethiopian students	TOTAL
18	TECHNOLOGY MANAGEMENT	TM	0	1	12	0	3	0	0	0	16
19	ELECTRONICS & COMM ENGG	EE(SPC)	0	1	0	0	0	8	1	0	10
20	ELECTRONICS & COMM ENGG	EE (R&C)	0	4	0	1	1	6	1	0	13
21	ELECTRONICS & COMM ENGG	EE (DES)	0	5	0	1	0	2	2	0	10
22	ELECTRONICS & COMM ENGG	EE (NS)	0	0	0	0	0	3	0	0	3
23	ELECTRONICS & COMM ENGG	EE (WNA)	0	0	0	0	0	2	0	0	2
24	ELECTRONICS & COMM ENGG	EE(VLSI)	0	0	0	2	0	12	0	0	14
25	CORROSION TECHNOLOGY		0	1	0	0	0	0	6	0	7
		TOTAL	4	31	27	17	10	160	18	3	270



ADMISSION DETAILS

AY-2017-18

• **Ph.D (Doctor of Philosophy) Programme:**

Sr. No	Department	Army	Navy	Air force	DRD O	Others	Scholarship	Total
1	Materials Engg	0	0	0	1	1	1	3
2	Applied Physics	0	0	0	0	0	2	2
3	Applied Mathematics	0	0	0	1	0	0	1
4	Applied Chemistry	0	0	0	0	0	1	1