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

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

06 June, 2016

**MINUTES OF THE ACADEMIC COUNCIL MEETING HELD AT DIAT
PUNE ON 20th May 2016 AT 1100hrs**

1. Following were present:-

	Designation	Remarks
(a)	Vice Chancellor, DIAT (DU), Pune	Chairman
(b)	Maj Gen RK Jagga, VSM, Rep ACIDS (TRADOC), HQ IDS	Member
(c)	Ms Anita Sehgal, Addnl DHRD, DRDO	Member
(d)	Dean (SA)	Member
(e)	Dean (T), HoD TM and HoD EE	Member
(f)	Dean(AS) & HoD, Material Science Engg	Member
(g)	HoD, Applied Chemistry	Member
(h)	HoD, Applied Physics	Member
(i)	HoD Dept of ME	Member
(j)	Prof S K Panigrahi, Dept of ME	Member
(k)	HoD, Applied Mathematics	Member
(l)	HoD, Comp Sci & Engg	Member
(m)	HoD, Aerospace Engineering	Member
(n)	Controller of Examinations	Member
(o)	Dr Tejashree Bhave, Asstt Prof Dept of AP	Member
(p)	Dr Ashutosh Abhyankar, Asstt Prof Dept of Mat Engg	Member
(q)	University Librarian	Member
(r)	Finance Officer	Member
(s)	Joint Registrar (Acad)	Spl invitee
(t)	Registrar	Secretary

Prof. Bijendra Nath Jain was allowed leave of absence.

2. VC, the Chairman extended a very warm welcome to all the members of Academic Council. He introduced new Registrar Atul Kumar Sinha Cmde (Retd) VSM and specially welcomed Ms Anita Sehgal, Addl Director, DHRD and Maj Gen RK Jagga, Rep ACIDS (TRADOC), HQ IDS, for joining the ACM in person. In his opening remarks, VC briefed the following aspects to Academic Council:

- (a) Achievements of DIAT since last ACM, in respect of Accreditation of 5 PG Programmes by NBA, Educational Leadership Award by DNA,

Innovation Award from the Ministry of Chemicals and Fertilizers and 38th Rank by NIRF (MHRD) in India.

- (b) The Vice Chancellor also informed that DIAT faculty published Research papers in more than 200 journals (highest impact factor 7.0) and undertaken more than 30 projects during last one year. The Vice Chancellor also informed the Academic Council that AICTE has approved generic nomenclature of M Tech Programmes (7 Programmes with 350 intake). In addition to this there are 2 more M Tech Programmes for Sponsored and self sponsored candidates. Accordingly, there will be appx 850 M Tech students and 150 PhD plus MS by Research students totalling 1000 students.
- (c) Re-introduction of Master of Science (by Research) Programme.
- (d) Conduct of various customised courses organised in last 1 year, for DRDO, BrahMos, IOFS, BDL, etc. The VC also informed that DIAT will impart training to appx 1000 DRDO Scientists on MATLAB during next 24 months.
- (e) Revision of Rules & Regulations for the PhD Programme and Rules & Regulations for Post Graduate Programme.
- (f) Revision of Courses of Study, introduction of Choice Based Credits and Continuous Evaluation System. VC requested to IDS Rep to suggest the requirement of Services so that the same could be incorporated in the Courses of Study.
- (g) Introduction of Industry Practice School.
- (h) DRDO Labs and ISRO have agreed to give some useful equipment to DIAT.
- (i) Up gradation of all Laboratories and revival of propulsion complex.
- (j) Establishment of Incubation Cell.
- (k) MoUs with Industries and Institutions
- (l) Appointment of 04 Visiting Faculty and empanelled 14 adjunct faculty.
- (m) Placement of students in companies like BrahMos, Solar explosives, MIT etc.

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 AC Meeting held on 4th Jan 2016 as per details given below:-

	Point	Status
(a)	Revision of Rules and Regulations for the Award of Doctor of Philosophy	Action Completed
(b)	Approval to continue DRDO scientists as Supervisors for PhD students of DIAT	Directives of AC complied with.

	who guided them till pre synopsis stage	
(c)	Approval to engage eminent DRDO Scientists as PhD guides for students of DIAT	i. Directives of AC complied with. ii. New provision incorporated in modified PhD rules and regulations.
(d)	Revision of Rules and Regulations of the Post Graduate Programmes	Action Completed
(e)	Payment of Scholarship to PhD Students for 5 years	Action taken.
(f)	Registration of DIAT for ranking under National Institution Ranking Framework (NIRF)	The DIAT (DU), Pune is ranked 38 th University in the National Institutional Ranking Framework, Ministry of Human Resource Development, Govt. Of India.
(g)	Regularization of Expenditure incurred in conduct of M. Tech in TM in association with IISc and Approval of Honorarium to be paid to the Guest Faculties invited for conduct of M.Tech courses for Technology Management	The BoM in its 8 th meeting held on 5 th Jan 2016, authorised the Vice Chancellor, DIAT to pay @ Rs.2000/- to Rs. 4000/- depending on the status of the faculty invited viz., their academic standing viz., IITs, IISc, IIMs etc.
(h)	Procurement of e-journals	Details at Annexure A.

4. Thereafter, the AC ratified the minutes of the AC Meeting of 4th Jan 2016.

Agenda Points for discussion:

5. **Presentation of Results:**

The Controller of Examinations presented results of M Tech 2014 - 16 batch, 06 students of PhD and 01 student of Master of Science (by Research) as they have completed all the requirements for award of degree (list at Annexure – B). The AC approved the results for award of degrees.

6. **Any Other Point:**

- The VC informed that Hon'ble Raksha Mantri has approved that the regular students from MILIT or from any other Services formation be charged Rs. 15000/- per semester and SC/ST students from MILIT or Services be charged Rs. 10,000/- per semester under the self – sponsored category.
- The Vice Chancellor desired that 15 days familiarisation course at some Military formation may be conducted for civilian M tech students with the help

of IDS Hqrs. Major General Jagga assured that he'll look into the matter and do the needful.

- The Addl DHRD requested that complete information regarding M Tech Programs, QR, and Number of vacancies etc should be sent to DHRD, DRDO latest by December for next academic year. Further, all M Tech students should be encouraged to take up projects from DRDO and Services.
 - The Addl DHRD further stated that some DRDO scientists are detailed for training abroad. Such scientists may be associated with DIAT as Adjunct faculty. In this connection DIAT may also offer some capsule/preparatory programs for DRDO & Services initially, which may be gradually converted into full fledged program.
7. VC thanked all for their constructive participation in the deliberations.
8. There being no further points meeting was adjourned.



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

DIAT has subscribed the following e-journals for the financial year 2016 – 17

S.N.	Titles	No. of Journals
1.	Springer Link	1400+
2.	Science Direct	17
3.	IEEE/IEL Online	241
4.	ASME Journals	29
5.	ACM Digital Library	44
6.	PQD – Technology Collection	3000
7.	PQD – ABI/Inform (Management)	5440
8.	Scopus (Abstract)	19500

Following fifteen E-Journals and one database have been discontinued due to lack of budget for the Financial Year 2016 -2017

A	S.N.	Title of Journals	Publisher
	1.	Analytical Chemistry	American Chemical Society
	2.	Chemical Review	American Chemical Society
	3.	Energy & Fuels	American Chemical Society
	4.	Review of Scientific Instruments	American Institute of Physics
	5.	Comptes Rendus Mecanique	Elsevier (SD)
	6.	Simulation Modelling Practice and Theory	Elsevier (SD)
	7.	AEU International Journal of Electronic & Communication	Elsevier (SD)
	8.	CIRP Annals- Manufacturing Technology	Elsevier (SD)
	9.	Computer & Fluids	Elsevier (SD)
	10.	International Journal of Machine Tool & Manufacture	Elsevier (SD)
	11.	Mechanical System & Signal Processing	Elsevier (SD)
	12.	Materials World	IMMM, UK
	13.	Toxicology Research	Royal Society of Chemistry
	14.	International Journal of Computational Fluid	Taylor & Francis
	15.	Journal of Adhesion Science & Technology	Taylor & Francis
B	PQD – Dissertation & Thesis		ProQuest

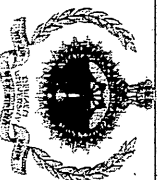
S.No.	PG Programme	No. of Students Registered for Examination					Total
		DRDO	Services	Scholarship	Sponsored	Total	
1	M.Tech Aerospace Engineering (Air Armaments)	0	5	0	0	5	
2	M.Tech Aerospace Engineering (Guided Missiles)	1	4	2	0	7	
3	M.Tech Computer Science & Engineering (Cyber Security)	1	8	3	3	15	
4	M.Tech Electronics Engineering (Radar & Communication)	2	3	1	2	8	
5	M.Tech Defence Electronic Systems	1	8	0	2	11	
6	M.Tech Sensor Technology	3	0	5	0	8	
7	M.Tech Materials Science & Technology	0	0	6	5	11	
8	M.Tech Mechanical Engineering (Armament/ Combat vehicles)	3	0	1	0	4	
9	M.Tech Mechanical Engineering (Marine)	0	8	1	2	11	
10	M.Tech Modelling & Simulation	0	3	7	0	10	
11	M.Tech Chemical Science & Technology	0	0	5	0	5	
12	M.Tech Technology Management	1	8	0	0	9	
13	M.Tech Biosciences & Engineering	1	0	5	0	6	
	Total	13	47	36	14	110	

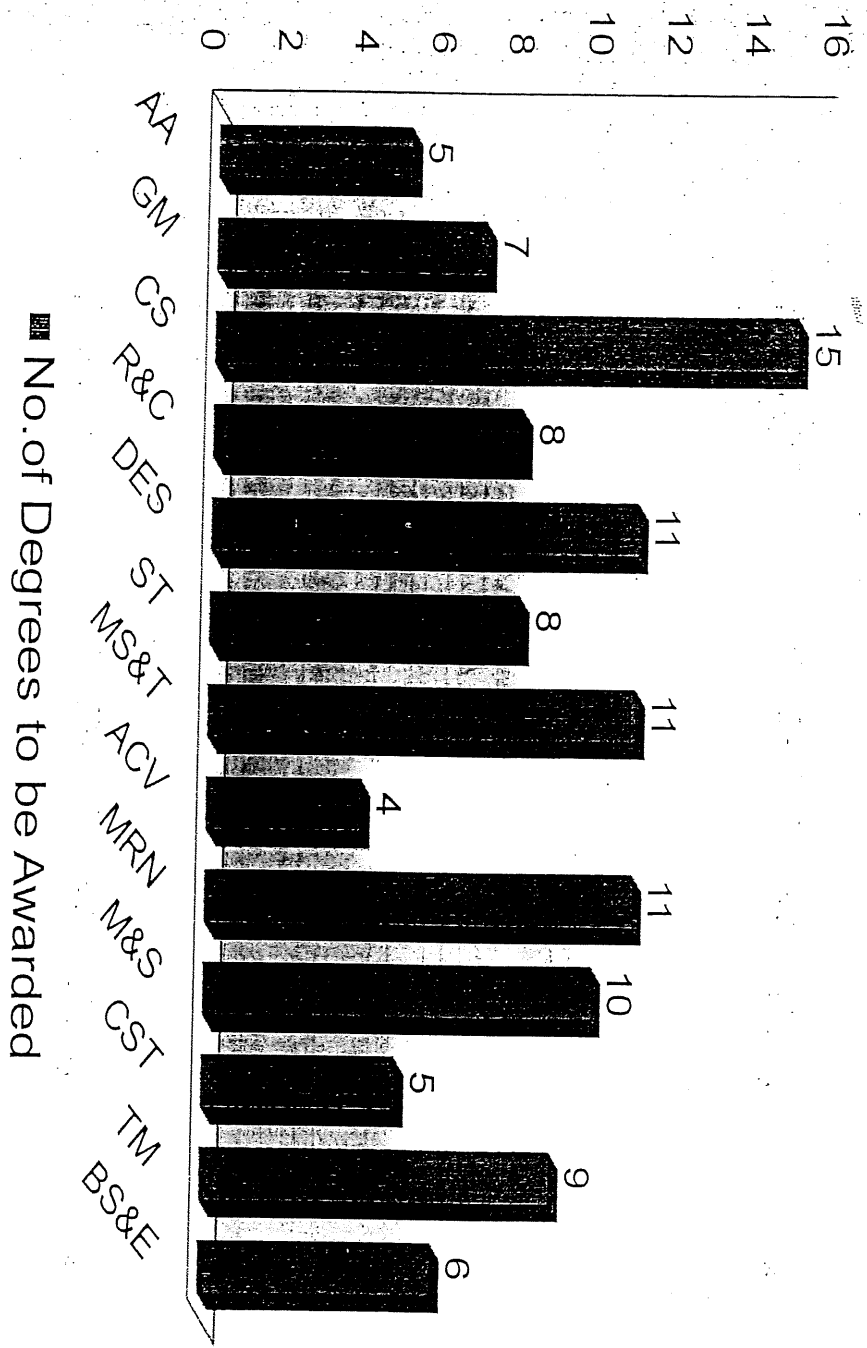
CONTROLLER OF EXAMINATIONS, DIAT(DU), PUNE



S.No.	PG Programme	No. of Students				
		First class with Distinction	First Class	Second Class	Fail	Total
1	M.Tech Aerospace Engineering (Air Armaments)	5	0	0	0	5
2	M.Tech Aerospace Engineering (Guided Missiles)	5	2	0	0	7
3	M.Tech Computer Science & Engineering (Cyber Security)	11	4	0	0	15
4	M.Tech Electronics Engineering (Radar & Communication)	8	0	0	0	8
5	M.Tech Defence Electronic Systems	8	3	0	0	11
6	M.Tech Sensor Technology	5	3	0	0	8
7	M.Tech Materials Science & Technology	3	7	1	0	11
8	M.Tech Mechanical Engineering (Armament/ Combat vehicles)	2	2	0	0	4
9	M.Tech Mechanical Engineering (Marine)	4	7	0	0	11
10	M.Tech Modelling & Simulation	10	0	0	0	10
11	M.Tech Chemical Science & Technology	2	3	0	0	5
12	M.Tech Technology Management	9	0	0	0	9
13	M.Tech Biosciences & Engineering	4	2	0	0	6
Total		76	33	1	0	110

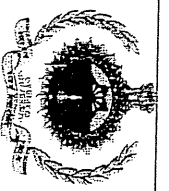
CONTROLLER OF EXAMINATIONS, DIAT(DU), PUNE





AA	AIR ARMAMENTS
GM	GUIDED MISSILES
CS	CYBER SECURITY
R&C	RADAR & COMMUNICATION
DES	DEFENCE ELECTRONIC SYSTEMS
ST	SENSOR TECHNOLOGY
MS&T	MATERIALS SCIENCE & TECHNOLOGY
ACV	ARMAMENT/ COMBAT VEHICLES
MRN	MARINE
M&S	MODELLING & SIMULATION
CST	CHEMICAL SCIENCE & TECHNOLOGY
TM	TECHNOLOGY MANAGEMENT
BS&E	BIOSCIENCES & ENGINEERING

CONTROLLER OF EXAMINATIONS, DIAT(DU), PUNE



Master of Science By Research - Qualified for Award of Degree

S. No	Name	Registration No.	Department	Category	Guide	Remarks
1	Nilam Chirame	09-52-09	Applied Mathematics	Scholarship	Dr. D. Pradhan Dr. (Mrs.) S. D. Naik	Viva Voce Completed
2	Sunil Nimje	11-52-04	Mechanical Engg	Scholarship & DIAT Faculty	Dr. S K Panigrahi	Viva Voce Completed
3	Umesh Nakate	10-52-03	Applied Physics	Scholarship	Dr. Sangeeta N. Kale Dr. Ashok K. Singh	Viva Voce Completed
4	Mukesh Kumar Jain	10-52-01	Applied Chemistry	DRDO	Dr. Mehilal & Dr. Balasubramanian K	Viva Voce Completed
5	Shivpal Singh Panwar	07-52-04	Materials Engg	DRDO	Dr. TU Patro, Dr. Balasubramanian K, Dr. B Venkatraman	Viva Voce Completed
6	Smt T Ratnamani	08-52-01	Electronics Engg	DRDO	Dr R. Kumar Dr O Vijayakumar	Viva Voce Completed
S. No	Name	Registration No.	Department	Category	Guide	Remark
1	Arun Kumar Verma	09-54-05	Materials Engg	DRDO	Dr. A. C. Abhyankar & Dr. P. Mukhopadhyay	Viva Voce Completed

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