

MINUTES OF THE ACADEMIC COUNCIL MEETING HELD AT DIAT PUNE ON 11th
SEPT 2015 AT 1100hrs

1. Following were present:-

	Designation	Remarks
(a)	Vice Chancellor of DIAT (DU), Pune	Chairman
(b)	Prof BN Jain, ex VC BITS Pilani/IIT D	Member
(c)	Dy Comdt MILIT, Pune/Rep IDS Hq	Member
(d)	Addl DHRD, DRDO HQ, Through Video Conf	Member
(e)	HoD, Applied Chemistry	Member
(f)	HoD, Applied Physics	Member
(g)	Dean(T) and HoD, TM	Member
(h)	Dean(AS)	Member
(j)	HoD, Material Science Engg	Member
(k)	Chairman PGC	Member
(l)	HoD Deptt of ME	Member
(m)	HoD, EE & CSE	Member
(n)	HoD Deptt of Aerospace Engineering	Member
(o)	CoE	Member
(p)	Asstt Prof Deptt of AP	Member
(p)	Asstt Professor Deptt of Mat Engg	Member
(q)	Asstt Librarian	Member
(r)	AssttRegistrar (Finance)	Member
(s)	Dy Registrar (Acad)	Spl Invitee
(t)	Registrar	Secretary

2. Registrar welcomed all the members to the AC Meeting and invited the VC to make opening remarks.
3. At the outset VC welcomed Prof Jain, Addl DHRD/DRDO and Dy Comdt MILIT to the meeting. VC further stated the following:-
- NAAC Accreditation with CGPA of 2.86.
 - Starting of three new M Tech programmes.
 - Formulation of Three Years Equipment Induction Plan (TEIP).
 - Recruitment of new Adjunct Faculty

- (e) Efforts are made for getting DRDO Sc as faculty on deputation.
- (f) Efforts made for better and vibrant interface with DRDO Labs as also getting some old serviceable equipment from DRDO Labs which can be of training value to DIAT.
- (g) Plans to activate Research Advisory Board (RAB) to encourage Multi-disciplinary approach in research at DIAT.
- (h) Feasibility of reduction in time permitted for completion of PhD.
- (j) Multi-disciplinary approach in M.Tech
- (k) Chairman, AICTE has been approached for approval of seven broad-based M.Tech Programmes with generic nomenclature.

4. Thereafter he directed Registrar to proceed with the schedule of the meeting. Registrar apprised all, on the status of actions taken on the various decisions taken in the AC Meeting held on 12th June 2015 as per details given below:-

	Point	Status
(a)	M Tech programmes	Total of 120 (40 open category) students have joined for the AY 2015-16. Despite putting up on DRONA, no DRDO Sc volunteered for the new programmes on NSs, Robotics and WNAs)
(b)	Revision of Fee Structure for M Tech	New rates implemented w.e.f 2015-17 M Tech Batches
(c)	Revision of Fee Structure for PhD	New rates implemented w.e.f 2015 PhD Batch
(d)	Introduction of Fellowship for M Tech	Implemented for Biosciences (2 nd year only) and Robotics for 2015-17 batch.
(e)	Hiring of Hostel Accommodation	No response has been received despite extending date.
(f)	Introduction of GIS	AC will be updated at the next meeting after discussions with Insurance companies.
(g)	Health Insurance Scheme for students	Response from two Public Sector Insurance Companies has been received and they are under scrutiny.
(h)	Marketing of DIAT Patents	Status included in presentation by Chairman IP Cell.

6. POINTS 20 Programme commenced on 03rd Aug 2015 and is progressing well as per approved plan. Addl Director HRD suggested that during the forthcoming visits of DRDO Sc as part of the Cluster Training, DIAT Faculty may be advised/encouraged to interact with them and identify areas of future association/collaboration.

7. The AC thereafter ratified the Minutes of the Meeting held on 12th June 2015.

Agenda Points

8. **Duration for PhD Completion.** Registrar apprised the AC that UGC Rep on DIAT PMB had suggested during the meeting on 10th Sep 2015 that maximum duration for completion of PhD needs to be restricted to maximum of five years. After discussions, AC decided that as far as possible maximum duration may be restricted to five years with cases for extension may be handled on a case to basis. At this stage Professor Jain advised that there should be no stipulation and relaxation for maximum of five years duration and if required case may be taken up with UGC for revision of stipulations. VC agreed to take up the case.

Action: Chairman DRC/Registrar

9. **Result.** Registrar invited CoE to present the result. CoE presented the result of PhD candidates as per details placed at **Appendix A**. After brief discussions AC approved the result.

Info: All

10. **Status of Patents.** HoD ~~AC~~ ^{Materials Engg.} made a brief presentation (**Appendix B**) on the status of the Patents and apprised PMB about the recent efforts made for marketing through DRDO Hq. After brief discussion, it was agreed that DIAT would agree to transfer of ownership of Patents to DG DRDO. Prof Jain suggested that feasibility of Joint ownership may be examined. Addl DHRD agreed to consult Director ER&IPR on the issue.

Action: Addl DHRD/DRDO & Chairman IP Cell/DIAT

11. **Details of Publications.** Dean (T) made a presentation on details of Publications made by the faculty at DIAT (**Appendix C**). The visible increase in higher impact factor was highlighted by the VC. Prof Jain suggested that calendar year-wise compilation was desirable. Further he suggested that list of specific journals duly classified as A/B/C may be drawn for publishing of papers by the Faculty and Students as a realistic comparative performance parameter.

Action: Deans and HoDs

12. **Projects from DRDO Labs.** Addl DHRD suggested that active efforts need to be made by HoDs to get more projects from DRDO Labs, though the CARs projects will be broadly on problem solving through Academic indulgence. VC assured that needful will be done progressively.

Action: Deans and HoDs

13. **Supervisors for Ph D Students.** Addl DHRD read out UGC Letter dated 06th Jul 2015 (**Appendix D**) reiterating UGC Regulations of 2009 whereby only core faculty can be designated as Supervisors for Ph D students. Prof Jain suggested that case may be referred

to UGC for review of the regulations. However, in the meantime outside experts could be made co/joint supervisors.

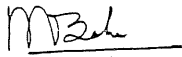
Action: Chairperson DRC, Deans and HoDs

14. Registrar, with the permission of the Chair, stated that this being his last AC Meeting before proceeding on voluntary retirement from DIAT w.e.f 31st Oct 2015, he would convey his deep sense of gratitude to the Chairman and the Members for their support in all activities over the last 25 months of his stay at DIAT.

15. VC thanked all for constructive participation in the deliberation. VC thanked Registrar for his contribution and placed on record appreciation on behalf of the AC.

16. There being no further points meeting was adjourned.

17. **Next meeting of the AC will be held on 04th Dec 2015 (Fri).**


(HN Sahu)
Dy Registrar(Acad)
For Registrar

Enclosures: Four

Distribution:-

Internal: SO to VC, Dean (AS), Dean(T)


All HoDs DIAT/Members, CoE

DR(Admin), DR(Acad)

External: DRDO Hqrs/DHRD, IDS Headquarters/ACIDS(TRADOC), Secretary UGC, Dr BK Jain/IIT D, Dy Commandant MILIT

Ph D Students Qualified for the Award of Degree						
List of Students qualified for the award of Ph D						
S. No	Name	Registration No.	Department	Category	Guide	Remarks
1	Bhaumik Shankar	07-52-02	Mechanical Engg	External - Part Time	Dr A Kumaraswamy & Dr S Guruprasad	Viva Voce Completed
2	Arvind Kumar	09-52-17	Applied Physics	Full Time	Dr P S Alegaonkar & Dr Suwarna Datar	Viva Voce Completed
3	Sunita V Dhavale	10-52-06	Computer Science & Engineering	Internal - Part Time	Dr. Rajendra S. Deodhar, Dr. Debasish Pradhan & Prof. L. M. Patnaik	Viva Voce Completed

CONTROLLER OF EXAMINATIONS, DIAT(DU), PUNE



IP CELL

- > IP CELL of DIAT (DU) - Dec 2011
- > Initial MoU signed with M/s. Krishna and Saurastri Associates, Mumbai on Feb 2014 for filing patents with Indian Patent Office, Mumbai
 - > 2011-2012: 03 Patents filed
 - > 2012-2013: 09 Patents filed
 - > 2013-2014: 11 Patents filed

Total No of Patents filed: 23

Provisionally filed patents: 08

Completely filed patents: 15

- > Initiation of MoU activities with National Research & Development Corporation (NRDC), Department of Scientific & Industrial Research, Ministry of Science & Technology, Govt. of India

Actions from Previous BOM

FICCI (Federation of Indian Chambers of Commerce and Industry) :
Initiated talks with FICCI for support.
Maharashtra Council Head: Pune Chapter: Mr Deepak Mukhi

TIFAC (Technology Information, Forecasting and Assessment Council):
Initiated talks with TIFAC.

DLTM (Directorate of Industry Interface and Technology Management):
DRDO – FICCI Initiative with DST

Objectives:

- a. Technology assessment
- b. Business development Plan
- c. Identifying business partners
- d. Expression of Interest
- e. Licensing agreement
- f. Commercialization

For Marketing and Techno commercialization, FICCI, TIFAC and DLTM suggested DIAT(DU) to come through ER IPR of DRDO since they have established system.

FACTS & STATISTICS OF IP CELL

MoU Activities with NRDC till date

Oct 2014 : Initiation of talks with NRDC
Nov 2014 : Meeting at NRDC with DIAT officials (FO , Chairman- IP CELL)
Dec 2014 : Initial MoU from NRDC

Initial MOU: ALL THE EXPENSES IN OBTAINING PATENTS IN INDIA ON THE INVENTIONS OF DIAT (DU) WILL BE BORNE BY NRDC

Mar 2015 : MoU approved by Hon. V C, DIAT (DU) and sent to NRDC, New Delhi

Mar 2015 : Processing of MoU at NRDC, New Delhi

Apr- May 2015 : Amendment of MOU

Issue 1: Due to the reduction in budgetary support to NRDC, from their Ministry, NRDC revised their Terms and Conditions stating that Rs. 1.5 Lakh per patent shall be payable in advance to NRDC from DIAT(DU) .

Issue 2: DIAT (DU) should pay annual maintenance fees after the final grant of patent for a period of 20 years.

Meeting with ER&IPR, IP Cell, DRDO HQ, New Delhi

1. Broad panel of attorney with specialization in Science, Engg, Bio Tech etc for processing of patents.
2. Provides full support for all patent activities from the initial patent application, maintenance of the patents till the expiry of validity of patent after 20 years. IP Cell of ER IPR will take care of all the legal responsibilities like NDA, Patent infringement etc of patent activities for DIAT(DU).
3. Free access to exclusive software/ database system for generating search reports and provides platform for networking with various DRDO labs from the initial filing date.
4. IP Cell, ER IPR will support for networking with TIFAC, DLTM and FICCI for techno commercialization.
5. Ownership of IPR will be with the Director General DRDO.
6. If the Inventor quits DIAT (DU), the ownership of the patent will still be with DG DRDO.

PUBLICATIONS			
Sl. No.	Department	Sep 2013-Aug 2014	Sep 2014-Aug 2015
1	Aerospace Engineering	12	14
2	Applied Chemistry	18	16
3	Applied Mathematics	14	15
4	Applied Physics	23	37
5	Computer Engineering	14	7
6	Electronics Engineering	17	17
7	Materials Engineering	42	30
8	Mechanical Engineering	32	30
9	Technology Management	1	0
Total		173	166

PUBLICATIONS-Sep 2014-Aug 2015										
Impact Factor / Dept.	AE	AC	AM	AP	CE	EE	MtE	ME	TM	Total
0-1	6	2	7	5	5	14	5	20	-	64
1-2	6	3	6	10	2	3	1	6	-	37
2-3	2	2	2	3	-	-	3	1	-	13
3-4	-	7	-	10	-	-	16	2	-	35
4-5	-	2	-	8	-	-	4	1	-	15
Above 5	-	-	-	1	-	-	1	-	-	2
Total	14	16	15	37	7	17	30	30	-	166

PUBLICATIONS-Sep 2013-Aug 2014										
Impact Factor / Dept.	AE	AC	AM	AP	CE	EE	MtE	ME	TM	Total
0-1	3	1	14	9	10	15	11	28	-	91
1-2	6	5	-	2	1	1	5	1	1	22
2-3	3	5	-	5	2	1	12	2	-	30
3-4	-	3	-	3	-	-	13	1	-	20
4-5	-	3	-	2	-	-	1	-	-	6
Above 5	-	1	-	2	1	-	-	-	-	4
Total	12	18	14	23	14	17	42	32	1	173

