

शैक्षणिक परिषद की 03/2023-24 बैठक का कार्यवृत्त

**MINUTES OF THE 03/2023-24 MEETING OF THE
ACADEMIC COUNCIL**

10th May, 2024



**DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY
(DEEMED TO BE UNIVERSITY UNDER SECTION 3 OF UGC ACT 1956)
GIRINAGAR, PUNE - 411025**

DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY

(DEEMED TO BE UNIVERSITY), GIRINAGAR, PUNE



**03/2023-24 MEETING OF THE ACADEMIC COUNCIL
10:00 HRS, FRIDAY, 10th May 2024**

Item. No.	Particulars
1	Opening remarks by the Vice-Chancellor and Chairman, Academic Council
2	Progress/Action taken report on minutes of the last Academic Council meeting
3	Confirmation of the minutes of the last Academic council meeting held on 19 th Dec 2023
4	Reporting Items- a) NBA for following programmes: M.Tech in Materials Engineering, Modelling & Simulation, Robotics & Automation, Technology Management, Sensor Technology. b) CCMT/CCMN Admissions. c) Updates about: New Patents, Publication & Projects.
	AGENDA POINTS FOR DISCUSSION
5.	Possibility of offering M.Sc. admission for left out seats after CCMN admissions through DIAT's own admission test
6.	Presentation of Result of Doctoral & Master student of final semester for awarding degrees in the upcoming Convocation.
7.	Introduction of M.Tech programme in " Systems Engineering".
	Any other point with the permission of the chair
8.	PGC calendar 2024-25
9.	Modification in the passing percentage criteria in a subject for PG courses in DIAT



DEFENCE INSTITUTE OF A DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY
(Deemed to be University under Section 3 of UGC Act 1956)
Girinagar, Pune-411 025

DIAT/F/REG/ACAD/AC/03/2023-24

Dated 10th May 2024

**Minutes of the meeting of Academic Council held on May 10th, 2024 at 1000 Hrs,
4th floor conference room, DIAT, Pune**

The Following Members were present: -

1.	Dr. B.H.V.S.Narayana Murthy Vice Chancellor	Chairman
2.	Dr. S.K. Singh DHRD, DRDO HQ, New Delhi	Member
3.	Prof. K. Sudhakar Dept. of Aerospace Engg, IIT, Bombay, Powai	Member
4.	Prof. Rajeev Srivastava Dept. of Computer Science and Engg, IIT(BHU), Varanasi	Member
5.	Prof. Avinash Mahajan Dept. of Physics, IIT Bombay, Powai, Mumbai	Member
6.	Prof. K. Balasubramanian, Dean (Academics), Head, Metallurgical & Materials Engg.	Member
7.	Prof. Sangeeta Kale Dean (Sponsored Research), Dept. of Applied Physics	Member
8.	Prof. G. Raghavan, Director, School of Quantum Technology	Member
9.	Prof. R.K. Satapathy Director of School of Robotics	Member
10.	Dr. Manisha Nene Director, School of Computers Engineering and Mathematical Science	Member
11.	Prof. Prashant Kulkarni Director-School of Energy and Environment Systems & CoE	Member/ Permanent Invitee
12.	Prof. Shaibal Banerjee Director School of Defence Technology	Member
13.	Prof. S. K. Panigrahi Department of Mechanical Engg.,	Member
14.	Prof. A. Kumaraswamy Department of Mechanical Engg	Member
15.	Prof. Somanchi V.S.S.N.V.G. Murthy School of Computer Engg and Mathematical Science	Member
16.	Prof. C. R. S. Kumar, School of Computers Engineering and Mathematical Science	Member
17.	Prof. K. P. Ray Head, Dept. of Electronics Engg.	Member
18.	Prof. Suwarna Datar Head, Dept. of Applied Physics	Member
19.	Dr. Sumati Siddarth Head Technology Management	Member
20.	Dr. Ganapathi Joshi, Assoc Professor HoD, Dept. of Aerospace Engineering	Member
21.	Dr. Shweta Saxena, Sc "F" Head, Dept of Applied Chemistry	Member

22.	Prof. Sunil Chandel HoD, Dept of Mechanical Engineering	Member
23.	Dr. Tejashree Bhawe Department of Applied Physics	Member
24.	Dr. Debashish Pradhan, Assoc Prof., Chairman -PGC, School of Computer Engg., & Mathematical Science.	Member*
25.	Dr. Sunita Dhavale, Asst. Prof, School of Computers Engineering and Mathematical Science	Member
26.	Dr.S.S.Sirurmath University Librarian	Member, Permanent Invitee
27.	Dr. Vidya K. Gargote Finance Officer	Member, Permanent Invitee
28.	Dr. H.S.Panda Joint Registrar (Academics)l/c	Member, Permanent Invitee
29.	Shri. Kamal Kumar Bajre Registrar	Secretary

Leave of absence was granted to the following:

1. Prof. P.K. Khanna, Dean (Student Affairs), Dept of Applied Chemistry.
2. Prof. D. G. Thakur Department of Mechanical Engg,
3. Prof. A. A. Bazil Raj, Department of Electronics Engg

1. Welcome remarks by Vice Chancellor & Chairman, Academic Council:

At the outset, Registrar, Secretary, Academic Council introduces the new Vice Chancellor of DIAT to the Academic Council. He presented a brief introduction of new Vice Chancellor, Dr. B.H.V.S. Narayana Murthy to the Academic Council. Dr. Murthy has assumed charge as Vice Chancellor, DIAT on 20 March 2024. Prior to joining DIAT, he retired as Director General Missiles & Strategic Systems. As Director of RCI and Project Director MSRAM, Dr. Narayan Murthy has led the development and delivery of state-of-the-art indigenous Avionics Technologies & Systems, such as RF seekers, IIR seekers, Navigation sensor & Systems, Real time Embedded & Actuation Systems. For his distinguished contributions, he has also been conferred with Honorary Fellow of Computer Society of India and many more.

In continuation, the Chairman thanked for the introduction, and welcomed all the members of the Academic Council, including esteemed external members Prof. K. Sudhakar, Former Professor, Department of Aerospace Engineering, IIT Bombay, Prof. Rajeev Srivastava, Professor, Department of Computer Science and Engineering, IIT (BHU) Varanasi, Prof. Avinash Mahajan Dept. of Physics, IIT Bombay and Shri S.K. Singh, DHRD, DRDO HQ, New Delhi. He mentioned that the DIAT is reasonably doing well and can do much better in the coming years. He cited about NIRF ranking of DIAT and mentioned about upcoming projects and activities on hand. In addition, he updated to Academic Council about the convocation status of final semester Doctoral & Masters' student.

The A.C. noted the vital contribution made by the outgoing V.C. Dr. C.P. Ramanarayanan in last 05 years. The A.C. observe that the institute has progress in terms of Academics R&D and ranking under the leadership of Dr.C.P. Ramanarayanan. Noting his immense contributions, the A.C. passed a resolution of a big thankyou to Dr. C.P.Ramanarayanan.

2. Progress/Action taken report (ATR) on minutes of the last Academic Council meeting:

The Joint Registrar (Acad) I/c, presented a brief on the ATRs on the decisions taken in the last Academic Council Meeting held on 19th Dec 2024 as detailed below:

SR	ACTION TAKEN ON	STATUS	REMARKS
1	Introduction of M.Sc. in Tank Technology for Service Officers in association with "Armoured Corps Centre and School (ACC&S)", Ahmednagar	A letter of understanding (LoU) has been signed between DIAT, Pune and ACC&S, Ahmednagar and the M.Sc. Tank Technology course has commenced. -Dir, School of Defence Technology	Action Completed
2	Academic Collaboration with IIM-Visakhapatnam	Discussions held with IIM- Visakhapatnam delegates and they informed that they are looking forward for high number of M.Tech student. -HoD, Dept of Tech. Mgmt	On hold
3	Minor Revision in Course Curriculum: Addition of new elective subject CE-66A (Alogorithmic Cryptanalysis) for M.Tech in Cyber Security & M.Tech in Computer Science & Engineering (Artificial Intelligence)	The new elective has been implemented for the student of batch 2023-25 -Director SoCE&MS	Action Completed
4	Extension of contingency facility to all other M.Tech, M.Sc., & Ph.D students other than scholarship students	An Office Memorandum to this extent was issued and circulated to all Academic depts of utilization of the Contingency facility accordingly. -Joint Registrar (Acad) I/c.	Action Completed

3. Confirmation of the minutes of the last Academic Council meeting held 19th Dec 2023.

The minutes of meeting of the Academic Council held on 19th Dec 2024 were circulated to members. It was noted that no comments were received thereupon. Therefore, the minutes of Academic Council meeting held on 19th Dec 2023 were confirmed, as circulated.

4. Following reporting items were noted:

▪ NBA for following programmes:

DIAT is making applications to NBA for accreditation of the following programmes:

M.Tech in Materials Engineering

M.Tech in Modelling & Simulation

M.Tech in Automation & Robotics

M.Tech in Technology Management

M.Tech in Sensor Technology

After detailed discussions and deliberations, Academic Council resolved to first ascertain the eligibility of M.Tech programmes for the NBA Accreditation.

Action: Joint Registrar (Acad) I/c

• CCMT/CCMN Admissions.

Participating in CCMT and CCMN for M.Tech & M.Sc. Admissions respectively for the Academic year 2024-25.

- **Updates about: New Patents, Publication & Projects:**

- ✓ **New Patents:**

1.	Patent entitled	'Robotic gripper with over constrained linkages'
Inventors: 1) Prof. A. Kumaraswamy, DIAT(DU) & 2) Ms. Esha Chakraborty, DIAT(DU)		
2.	Patent entitled	'Stratified poly dimethyl siloxane-epoxy coating possessing anticorrosive & foul release properties in a single coat and their method of preparation thereof'
Inventors: 1) Prof. Balasubramanian K, DIAT(DU) 2) Dr. B. Naik, NMRL, Ambarnath 3) Dr. Sushil Pawar, NMRL, Ambarnath		

- ✓ **Trade mark registered: "Braham Graha" is a Dermal Booster for Antimicrobial properties.**

Brahma Graha (Device), registration number 6385287 from Indian Patent office. Inventors: Prof Balasubramanian K., Apsara, Payal Verma, Shreya Nair, Shri Raksha, Varsha A.

- ✓ **Publication & projects:**

A total number of 78 Journal publications in Scopus indexed journals were published from January 2024 to till date.

Agenda Points for discussion:

4. Possibility of offering M.Sc. admission for left out seats after CCMN admissions through DIAT's own admission test

Dr. Shweta Saxena, Sc 'F and HoD, Department of Applied Chemistry presented the item about the "Possibility of offering M.Sc. admission without JAM score for the seat left out after CCMN admission under self-financed category through DIAT's own admission test. The A.C. inquired about any financial implications to the institution by giving admission under self-financed category. HoD, Applied Chemistry informed to A.C. that there would not be any additional financial implication. The fees for M.Sc. self-financed category will be decided by the department in consultation with academic and finance sections. After brief discussion, the A.C. approved the proposal for offering M.Sc.' admission through DIAT's own admission test for the seat left out after CCMN admission under self-financed category. It may also be extended to all other M.Sc. & M.Sc. (Tech) courses in DIAT. The detailed proposal is given at **Annexure -1**.

Action: HoD, Department of Applied Chemistry

6. Presentation of result of Doctoral & Masters' student of final semester for awarding degrees in the upcoming Convocation.

Dr. Prashant Kulkarni, CoE, presented the results of Doctoral and Masters' student of final semester for awarding degree in the upcoming convocation. The A.C. inquired about any failed candidates in the final semester batch. The CoE, informed that, out of a total of 228 M.Tech students, 06 students failed in the final examinations. After brief discussion, the Academic Council approved to publish the results of final semester for award of degrees in the upcoming Convocation. Detailed results are given at **Annexure-2**.

Action: CoE

7. Introduction of M.Tech programme in “ Systems Engineering”.

The proposal for Introduction of M.Tech programme in “Systems Engineering” was presented by Prof. Sunil Chandel, HoD, Department of Mechanical Engineering. The programme was designed for L&T sponsored candidates after having elaborate discussion with L&T officials. The A.C. inquired about the subscription for the coming years as this is tailor made course for particular organisation. HoD, Mechanical Engineering informed the A.C. that for next three years, L&T has committed to sponsor their Engineers for the programme. The A.C. enquired about the AICTE approval status for the said programme. The Dean (Academics) intimated that this programme is not in AICTE portal and efforts will be made to include in the AICTE portal. The A.C. approved the proposal to introduce the new M.Tech program in “Systems Engineering”. Final proposal along with detailed syllabus is given at **Annexure-3**.

Action: HoD, Mechanical Engineering

Any other point with the permission of the Chair:

8. PGC Academic Calendar AY 2024-25

Dr. Debabashih Pradhan, Chairman-PGC presented the item and briefed the A.C. about the Academic Calendar 2024-25, which is prepared inline with CCMT/CCMN admissions of AY 2024-25. The A.C. approved the PGC calendar 2024-25. The detailed proposal is given at **Annexure -4**

Action: Chairman, PGC

9. Modification in the passing percentage criteria in a subject for PG courses in DIAT

Dr. Debashih Pradhan, Chairman, PGC presented the item to the A.C. about the modification in the passing percentage in a subject for PG courses. The A.C. inquired about the reason for changing the passing percentage. Chairman, PGC informed the A.C. about the proposal, which is in line with the passing percentage criteria of other institutions/universities in India and the proposed modification in passing percentage in a subject of PG courses was decided in concurrence with post graduate committee of DIAT as it is a Policy matter. The A.C. resolved to approve the proposed modification in passing percentage criteria in a subject for PG courses for the student getting admission from AY 2024-25 onwards. The detailed proposal is given at **Annexure -5**

Action: Chairman, PGC

10. Concluding remarks by Chairman:

With no further items for discussion, the Chairman extended his gratitude to all the members for their valuable suggestions. The meeting concluded with a vote of thanks to the Chairman and members for their participation.

(Kamal Kumar Bajre)
Registrar & Secretary, Academic Council