DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY

(Deemed to be University under section 3 of UGC Act 1956)

Girinagar, PUNE – 411025

Internal Quality Assurance Cell (IQAC)

DIAT/F/IQAC/Meeting/2024/01   Date: - 19th Sept 2024

MINUTES OF THE 36th DIAT IQAC MEETING HELD ON 19th SEPTEMBER, 2024 AT 1200 HRS AT 4th FLOOR CONFERENCE HALL, DIAT(DU)

The following members were Present:

Dr. BHVS Narayana Murthy, Vice Chancellor	Chairperson: Head of the Institution
Prof. Shaibal Banerjee, Professor	Director, IQAC
Dr. Kanaka Raju Pandiri, Assistant Professor	Coordinator, IQAC
Dr. Ganpati Joshi, Associate Professor	Member
Dr. Sunil Nimje, Associate Professor	Member
Dr. Rajesh Kumar Singh, Assistant Professor	Member
Dr. Sushma Kumari, Assistant Professor	Member
Dr. Balasubramanian K., Senior Professor	Member
Dr. Sangayya S Sirurmath, University Librarian	Member
CA Dr. Vidya Kisan Gargote, Finance Officer	Member
Shri. Kamal Kumar Bajre, Registrar	Member
Dr. Vijay Pattar, Deputy Librarian	Special Invitee
Dr. Mukesh Jain, Sc. 'F', HEMRL, DRDO	Alumni Representative
Dr. Jayalakshmi C G, Scientist, R&DE (Engrs), DRDO	Stake Holder

Attended through Video Conference

Dr. Shailesh Kumar Singh, Sc 'G', Director, DHRD, DRDO	Employer

Absentees –

Dr. RP Singh, Sr. Director, KCTI, Bharat Forge Ltd

Ms. Chinchu Joseph, PhD Student

Prof. D G Thakur, Professor, Director Planning and Policy and NEP

Opening remarks by the Vice Chancellor and Chairman, IQAC

At the outset, chairman welcomed all the members to the meeting of the IQAC and looked forward the valuable inputs from the distinguished members to get the highest grading in NAAC accreditation for DIAT.

In his brief introductory remarks, the chairman informed the members about the importance and mandatory requirements of IQAC as a part of NAAC accreditation process at the institution.

Thereafter, the chairman directed the IQAC Director to commence with the agenda points.

1. Progress on Minutes of 35th IQAC meeting

The Director, IQAC appraise the previous members of the IQAC committee and detailed the Progress on the suggestion from the 35th IQAC meeting. Following are some of the Implementation and best practices / activities undertaken by DIAT.

- Under the International cooperation/collaborations, Defence personnel from Bangladesh were admitted for PhD program at DIAT(DU).
- As per our commitment, DIAT started MTech programs in cutting edge technology and advanced themes such as Quantum communication, AI&ML, UAV etc. DIAT has successfully created School of Quantum Technology, School of Automation and Robotics, School of Defence Technology, School of Energy and Environmental Sciences and School of Computer Engineering and Mathematical Sciences (SoCE&MS). SOCE&MS is dissolved and formed Dept. of Computer Sciences and Engineering and Dept. of Applied Mathematics (DO PART-I No. 21/2024 dated 28-08-2024).
- DIAT(DU) has already geared-up to become an "Institute of National Importance". The process is ongoing with the help of DRDO HQ
- NAAC accreditation for DIAT(DU) is improved and secured 3.21/4.00 scale score with 'A' Grade in 2022.
- DIAT (DU) has also received Rs. 2,00,000/- in royalty Pavitrapati Mask during the pandemic period, 2020.
- As per the DO PART-1 No. 13/2024 dated: 28 Feb 2024, the competent authority has re-constituted the Internal Quality Assurance Cell (IQAC) as per guidelines of NAAC/UGC.

2. Agenda for Discussion

Director, IQAC along with Coordinator presented the following agenda points:

i. Started the presentation with the introduction of IQAC Internal and External members and brief description of the Internal Quality Assurance Cell, its importance, objectives, mechanism, and functions, as a post accreditation quality substance measure.
ii. Informed the members about composition of IQAC committee as per the latest NAAC order.
iii. Briefly updated the 1st cycle NAAC accreditation of DIAT (B+ (2.86)) got in 2015.
iv. 2nd cycle NAAC accreditation of DIAT (A (3.21)) got in 2022.
v. Ongoing preparation for 2023-24 AQAR submission on the NAAC HEI portal, IIQA and SSR, NBA accreditation of M. Tech Programs, NIRF along with 3rd cycle of NAAC accreditation.

3. Quality improvement activities undertaken by DIAT

The Director, IQAC appraise the members in detail about the setting and application of quality benchmarks for various academic as well administrative activities of the institution. Following are the some of the best practices / activities undertaken by DIAT.

a) As part of quality improvement program and to set the standard Quality benchmark, we regularly participate in Quality improvement activities conducted by NBA (AICTE), NIRF (MHRD), NAAC (UGC), etc.
b) Every year institute takes part in NIRF Ranking conducted by MHRD, current year the rank is 63rd under Engineering category.
c) We secured NBA (National Board of accreditation) of two M Tech programs (M.Tech. in Mechanical Engineering for 5-years and M.Tech. in Electronics and Communication engineering for 3-years) and applied for two more programs (M.Tech. in Aerospace

Engineering & M.Tech. in Computer Science and Engineering) for NBA accreditation in the year 2022.

d) DIAT is participating in national level centralized admission process through CCMT and CCMN platform to compete with IITs and other national institutions to attract quality students.

e) 24 new patents are filed, 33 also granted, 6 technologies transferred.

f) Research output has increased in terms of paper publications at international level. Number of research Publications: 1245, Highest Impact Factor: 20.1, Total faculty strength: 63

g) Regularly conducts BOS to upgrade the curriculum with latest and futuristic areas to meet the requirements of Tri-services, DRDO, DPSU's, Defence Industries and other industries.

h) Research Grants: Total Sponsored Research Projects (ongoing): 34, Amt: Rs. 36.81 Crores (approx.)

i) Faculty members apply for various professional fellowships and awards. Faculty members are encouraged to attend faculty development program (FDP) and also get involved in conducting FDPs at DIAT, Pune.

j) Students are encouraged to participate in National and International level conferences, workshops, and competitions through contingency. All students at DIAT receive contingency.

k) New research facilities are created and upgraded with latest equipment and software.

l) Regular AC, BOM, FC, PMB, GC, GB meeting are conducted to evaluate the standard of the institute.

m) Multiple Entry/Exit policy for programs in DIAT(DU) is being formulated.

n) DIAT established Institution Innovation Council (as per the norms of innovation cell (IIC) MHRD). Through which, three startups are incubated in the campus

o) DIAT adapted consultancy policy to promote research and innovation among faculty.

p) DIAT conducts Certificate courses and trains Officers of IOFB's, Brahmos, BEL, MDL, BFL, MHA, BDL, MOU, CSR/BDL, POINTS program for DRDO.

q) Institute is actively involved in societal activities such as adoption of nearby village, Ambedkar Jayanti celebrations through its dedicated NSS wing, SC/ST cell, Minority/OBC/Anti-discrimination cell.

r) DIAT established dedicated cell for implementing National Education Policy (NEP) 2020.

s) DIAT has already geared-up to become an "Institute of National Importance". We are awaiting a response from the Ministry of Defence, which will enable DIAT to achieve higher goals, which would be commensurate with the NEP 2020 vision.

t) Four programs are going for NBA this year.

4. Suggestions for IQAC from Chair and members.

a) Online feedback response for every course.

b) Obtain the data capturing software for NAAC, NBA, and NIRF.

c) Check the availability of e-Samarth for IQAC.

d) Analyse the NIRF ranking reports of DIAT and other premier institute. Prepare a detailed report on how to improve the NIRF ranking.

e) Participation in Defence Expo and Industries meets.

f) Check the international cooperation policy of DRDO and approach the existing countries with MoUs for admissions and research collaborations.

g) Connect with IQAC cell of central universities for suggestions.

h) Connect with Web of Science/Scopus through University Librarian for seminar/workshop.

i) Connect with IIT Madras faculty (Prof. P. Sriram) for NIRF related suggestions.

j) Current data and report of NIRF has to be updated in DIAT webpage.

k) Improvements in placements through Alumni meets and invited seminars from Alumni members. The information will pass on to CTP and DIAT Alumni Cell for further action.

5. **Any other points and suggestion with the permission of the Chair.**

a) Chairman firmly believed that DIAT will reach greater heights in the coming years and become institute of national importance. It is imperative to get improved NAAC grading, NIRF ranking and more NBA accreditation for M. Tech programmes.
b) Members gave more suggestions towards the improvement in NIRF ranking and also placements.

The meeting concluded with vote of thanks to the members.

Dr. Kanaka Raju Pandiri
Coordinator, IQAC

01/10/2024
Prof. (Dr) Shaibal Banerjee
Director, IQAC

Approved/Not Approved

Vice Chancellor