



MINUTES OF THE SIXTH MEETING OF THE BOARD OF DIRECTORS OF INSTITUTE OF DEFENCE STUDIES AND RESEARCH FOUNDATION (IDSRF) HELD ON FRIDAY, 16 JUNE, 2023, VIA VIDEO CONFERENCING AT GUSEC WEST WING, GUJARAT UNIVERSITY, AHMEDABAD, GJ 380009

THE MEETING WAS HELD UNDER THE CHAIRPERSONSHIP OF PROF HIMANSHU PANDYA VICE-CHANCELLOR, GUJARAT UNIVERSITY AND CHAIRPERSON & DIRECTOR GENERAL, IDSR WITH THE FOLLOWING MEMBERS OF THE BOARD PRESENT:

1. SHRI MUKESH KUMAR IAS, PRINCIPAL SECRETARY, EDUCATION DEPARTMENT GOVERNMENT OF GUJARAT
2. PROF. HIMANSHU PANDYA, VICE-CHANCELLOR, GUJARAT UNIVERSITY & CHAIRPERSON AND DIRECTOR GENERAL, IDSR
3. PROF. BHRIGU NATH SINGH, DIRECTOR GENERAL, INSTITUTE OF INFRASTRUCTURE, TECHNOLOGY, RESEARCH AND MANAGEMENT, AHMEDABAD
4. PROF (DR.) RAKESH RAWAL, DIRECTOR & JOINT COORDINATOR, IDSR
5. PROF. JYOTI PAREEK, JOINT COORDINATOR, IDSR
6. SHRI PATHIK PATWARI, PRESIDENT, GCCI
7. SHRI PURNA DARAPUNENI, PRESIDENT, IDST PUNE (ADDITIONAL DIRECTOR)
8. SHRI RAVIN VYAS (INDEPENDENT DIRECTOR)

THE MINUTES OF THE MEETING ARE AS FOLLOWS:

6.1. LEAVE OF ABSENCE

- Dr. Anju Shama, I.A.S, Additional Chief Secretary, Labour, Skill Development & Employment Department, Government of Gujarat & Founding Chairperson, IDSR could not attend the meeting due to prior official commitments.
- Maj. Gen. A. K. Channan(Retd.), Independent Director could not attend the meeting due to prior official commitments.

6.2. APPROVAL OF THE PREVIOUS MINUTES AND ACTION TAKEN REPORT

6.2.1. The Board reviewed the Minutes of the Fifth meeting of this board held on November 22, 2022, as already circulated. The board unanimously resolved to confirm and approve the Minutes of the Fifth meeting of this board.

6.3. REVIEW OF THE PROGRESS OF THE INSTITUTE'S ACTIVITIES

6.3.1. Academic Progress:

The Board took a note of the following academic activities undertaken at the Institute:

- A. Research Methodology 2023 (ReM2023): Workshop on Essentials of Research Methodology: Theory and Practice
- B. Summer School on Statistical Package for the Social Sciences
- C. Reforming existing IDSR course structure as per provisions in New Education Policy, 2020 (In process first draft ready for approval)
- D. IDSR has received a separate college code #785. This will facilitate students for placements as well as exploring opportunities for higher studies in defence

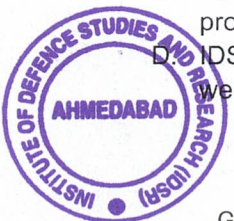
Institute of Defence Studies and Research (IDSR)

Floor #2, Centre for Extension, Research and Innovation (CERI),

Gujarat University Park for Industrial Extension and Research (GU-PIER)

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6.3.2. Research Progress:

The board took the note of the following research collaborations undertaken at the Institute:

- A. College of Military Engineering, Pune
- B. Government Polytechnic College, Ahmedabad
- C. School of Nanosciences, Central University of Gujarat
- D. School of Chemical Sciences, Central University of Gujarat
- E. Department of Chemistry, St. Xavier's College, Ahmedabad
- F. Department of Biochemistry and Forensic Science, Gujarat University

6.3.3. Ongoing Research Projects:

The board took note of the following ongoing research projects undertaken by the Institute:

- G. Development of optoelectronic biochemical sensor based on Calix system for the rapid detection of warfare agents | Time duration: 2020-2023 | Funding agency: LSRB, DRDO (with collaboration of Department of Chemistry, Gujarat University)
- H. Habitation in high Altitude Area | Time duration: 2020-2023 | Funding agency: ADB, Indian Army (with collaboration of Gujarat University)
- I. Laser shooting device
- J. Solar energy assisted desalinated drinking water

6.3.4. Research Proposal Submitted:

The board took note of the following Research Proposals submitted by the Institute:

- K. High-performance batteries in high altitude areas | Funding agency: ADB, Indian Army
- L. Artificial intelligence-based data management software for the surveillance centre | Funding agency: ADB, Indian Army
- M. Catalytic assisted thermal pyrolysis for laboratory-generated biological waste facilities
- N. Unmanned ground vehicle
- O. Modular Raman Spectrometer

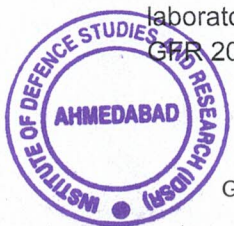
6.3.5. Research Publication (SCOPUS Indexed) Published:

The board took the note of the Research Publications by the Institute enclosed at Annexure A

6.4. INFRASTRUCTURE AND ALLIED PROGRESS

The Board took note of the following Infrastructure and Allied Progress in the year 2022 for the IDSR Operations:

- 6.4.1. Procurement of minor and major analytical instruments for the proposed in-house research laboratory to facilitate defence centric research will commence soon. The procurement will be as per GPR 2017 procurement procedures through Government E Market Portal.



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6.5. PERUSAL AND RATIFICATION OF PROCEEDINGS OF THE ACADEMIC ADVISORY BOARD OF STUDIES COMMITTEE AND HR COMMITTEE MEETING

The board reviewed and noted the above proceedings of the Academic Advisory Board of Studies Committee meeting dated March 28, 2023 & HR Committee meeting dated May 23, 2023 and resolved as follows

“RESOLVED THAT the proceedings of Academic Advisory Board of Studies Committee meeting dated March 28, 2023 be considered ratified and approved as per the University norms.

The Human Resource Committee formed vide BR 5.7.6 met on May 23, 2023, under the Chairpersonship of Prof. Rakesh Rawal. The committee reviewed the proceedings of the meetings held on May 23, 2023 and resolved as follows:

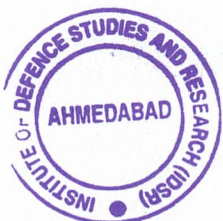
“RESOLVED THAT the proceedings of the HR Committee dated May 23, 2023 be considered ratified and approved”

6.6. DEVELOPMENT OF RESEARCH LAB AND ALLIED FACILITIES

- Prof. Rakesh Rawal, Director and Joint Coordinator of IDSR, provided the members with a briefing on the procurement of equipment for the upcoming laboratory infrastructure.
- The detailed proposal regarding equipment procurement is attached as Annexure B. Furthermore, Prof. Rawal discussed how the entire university ecosystem can benefit from the development of research laboratory infrastructure at IDSR.
- By utilising the research facilities at IDSR, students and faculty at the university can generate unique research data and make contributions through publications in reputable journals and conferences. This will also have a positive impact on the NAAC and other associated university rating and ranking systems.

The board acknowledged and agreed on the potential benefits of establishing research laboratory and allied facilities at IDSR. In this regard, following suggestions were received from board members:

- A. Shri. Mukesh Kumar. I.A.S., Principal Secretary, Education Department, Government of Gujarat suggested to ensure availability of sufficient funds before the procurement. Further, it was suggested that IDSR should deliberate upon the State Drone Policy of Gujarat.
- B. Prof. Himanshu Pandya, Hon. Vice-Chancellor of Gujarat University and Chairperson and Director General of IDSR, suggested the formation of a purchase committee for procurement. He further suggested that the procurement should be as per General Financial Rules 2017 and amendments from time to time.
- C. Prof. Bhriugu Nath Singh, Director General, Institute of Infrastructure, Technology, Research and Management suggested that a detailed plan for sustainability of the equipment should be submitted to the board also a resource sharing model can be developed where other allied institutions can also be benefitted.



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Further, the board took note of the proposed budgets for procurement of major and minor equipments as well as development of research lab and allied facilities amounting to Rs. 14,71,50,000 (Rupees Fourteen Crore Seventy One Lakhs and Fifty Thousand Only) as per the enclosed proposal at Annexure B and resolved as follows:

“RESOLVED THAT proposed budgets for procurement of major and minor equipments as well as development of research lab and allied facilities amounting to Rs. 14,71,50,000 (Rupees Fourteen Crore Seventy One Lakhs and Fifty Thousand Only) as per the enclosed proposal at Annexure B be considered and approved as per the University norms.

6.7. ANY OTHER AGENDA WITH THE PERMISSION OF THE CHAIR

6.7.1. Upcoming Planned Events

- A. 'DEF_Hackathon 2023' - Hack for Indian Defence - Solving Challenges through Innovation: Proposed timeline in October' 2023.
 - B. National Conference on Defence Governance and Policy, October 02-04,2023
 - C. National Defence Conclave, December 12-13,2023
 - D. National conference on Military Science and Advanced Technology (NCMSAT 2023): Proposed timeline in December' 2023.
- Shri. Mukesh Kumar, I.A.S., Education Department, Government of Gujarat suggested a proposal for participation in pre-events of Vibrant Gujarat Summit scheduled in January 2024.
 - Prof. Himanshu Pandya, Hon. Vice-Chancellor, Gujarat University & Chairperson & Director General of IDSR, suggested to organise a Defence Conclave involving various MSMEs in Defence Sector.
 - Shri. Pathik Patwari, President, Gujarat Chamber of Commerce and Industry suggested that IDSR in collaboration with GCCI & GUSEC, Gujarat University can also plan an event on Startup and Entrepreneurship in Defence.

6.8.VOTE OF THANKS

The meeting ended with a vote of thanks by the Chair to all members.

(PROF. HIMANSHU PANDYA)

(PROF. BHRIGU NATH SINGH)

(PROF (DR.) RAKESH RAWAL)



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