



National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**TATA MEMORIAL CENTRE-DIAGNOSTIC SERVICES -  
TATA MEMORIAL HOSPITAL**

has been assessed and accredited in accordance with the standard

**ISO 15189:2022**

**"Medical laboratories - Requirements for quality and  
competence"**

for its facilities at

**DR.ERNEST BORGES ROAD, PAREL, MUMBAI, MAHARASHTRA, INDIA**

in the field of

**Medical Testing**

Certificate Number: MC-2232

Issue Date: 03/07/2024

Valid Until: 19/05/2026

This certificate supersedes the Certificate No.MC-2232 with issue date 20/05/2024 in view of the transition of Accreditation Standard from ISO 15189:2012 to ISO 15189:2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Entity: TATA MEMORIAL CENTRE

**Signed for and on behalf of NABL**



**N. Venkateswaran**  
Chief Executive Officer



National Accreditation Board for  
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Name of Legal Entity: Tata Memorial Centre

Signed for and on behalf of NABL



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Name of Legal Identity : Tata Memorial Centre

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N. Venkateswaran  
Chief Executive Officer



Ministry of Education  
Government of India



# Certificate

**NATIONAL INSTITUTIONAL RANKING FRAMEWORK**

**INDIA RANKINGS 2024**

**Homi Bhabha National Institute, Mumbai  
Ranked 6 in Research Category**

CHAIRMAN, NBA

MEMBER SECRETARY, NBA





Ministry of Education  
Government of India



# Certificate

**NATIONAL INSTITUTIONAL RANKING FRAMEWORK**

**INDIA RANKINGS 2024**

**Homi Bhabha National Institute, Mumbai  
Ranked 16 In University Category**

CHAIRMAN, NBA

MEMBER SECRETARY, NBA





Ministry of Education  
Government of India



# Certificate

**NATIONAL INSTITUTIONAL RANKING FRAMEWORK**

**INDIA RANKINGS 2024**

**Homi Bhabha National Institute, Mumbai  
Ranked 27 Overall Category**

CHAIRMAN, NBA

MEMBER SECRETARY, NBA



Why should anyone figure out their carbon footprint (also known as your ecological footprint)? The reason is simple... it's having a huge impact on the climate.

## Discussion

The major component of an ecosystem is plants. They are major modifiers of climate and providers of community structures, and they are pathway through which energy enters the ecosystem. The plant forms a complex interaction between the biotic and abiotic entities of the environment by making use of the biotic entities as food to produce food in form of biomass for the animal communities. High diversity of animal species within the institute vicinities as recorded in this study could therefore be connected to the observed high diversity of plant species.

This study has shown that the institute environments have rich and abundant flora and fauna populations which could be regarded as a biotic community consisting of the populations of different organisms interacting together. It also revealed that the activities on the study area may not be completely detrimental to the existence of the organisms. Thus, if well maintained, institute activities are not entirely unfriendly to the biotic community.

Although, it is not a common practice to base ecological research on questionnaire survey, this study has revealed that the opinion of people who have been used to a particular area over a long period of time on the fauna species usually encountered in such areas should not be discarded. However, there is the need for a field survey to back up verbal responses.

## 10. Quality Audits on Environment and Energy

CERTIFICAT\*CERTIFICATE\*СЕРТИФИКАТ\*CERTIFICATO\*SERTIFIKAT



**CERTIFICATE**

This is to Certify that the Environmental Management System of

**INSTITUTE FOR PLASMA RESEARCH**  
(CONSTITUENT INSTITUTE OF HOMI BHABHA NATIONAL INSTITUTE)

INSTITUTE FOR PLASMA RESEARCH, BHAT VILLAGE, NEAR INDIRA BRIDGE,  
GANDHINAGAR – 382428, GUJARAT (INDIA)

has been audited and found to comply with the requirements of:

**ISO 14001:2015**  
**Environmental Management System**

For the scope of activities described below:

**RESEARCH INSTITUTE OF THEORETICAL & EXPERIMENTAL  
PLASMA PHYSICS & APPLICATIONS.**

IAF Code: 34

Certificate No: EGE/2406IE/2264

**ISSUED THROUGH**

Date of initial registration	Date of this Certificate	Surv. audit on or before	Certificate expiry	Re-certification Due
05.06.2024	05.06.2024	04.05.2025		04.06.2027

Validity of this certificate is subject to successful completion of surveillance audit on or before due date, in case surveillance audit not conducted this certificate shall be suspended/cancelled.

  
Director

For verification and updated information concerning the present certificate visit to [www.thehawk-eye.com](http://www.thehawk-eye.com)  
This Certificate is the property of Hawk Eye Certifications Pvt. Ltd. and shall be returned immediately when demanded.

Hawk Eye Certifications Private Limited  
Wave Street Tower, Shop No. 402, 4th Floor, Sector-18, Noida-201301 U.P.  
[www.thehawk-eye.com](http://www.thehawk-eye.com)  
email: [admin@thehawk-eye.com](mailto:admin@thehawk-eye.com)

