



# ISLAMIC UNIVERSITY OF SCIENCE & TECHNOLOGY

## AWANTIPORA, KASHMIR

### Expression of Interest for Transfer of Technology

We hereby seek an Expression of Interest (EOI) to transfer technology of **Negative Pressure Chamber System** designed and developed in-house by Design Innovation Centre, Islamic University of Science and Technology, Awantipora, Pulwama, Jammu and Kashmir, India. A negative pressure chamber, also known as an isolation chamber, is a type of hospital chamber that keep patients with infectious diseases or patients susceptible to infection from others, away from other patients, visitors, and medical staff. This chamber is used to isolate patients with airborne infectious diseases such as tuberculosis, influenza (influenza) and coronavirus disease 2019 (COVID-19). The patent for the above mentioned technology developed by DIC@IUST is registered at Indian Patent Office under application number **202111000579**. The design for this technology is also registered at Indian Patent office under application number **335076-001**. This technology has been tested at Chest Disease Hospital, Srinagar and approved as **satisfactory** from a medical perspective by a committee report of medical fraternity at Government Medical College, Srinagar.

We invite interested **firms/manufacturers/companies/start-ups** with valid registrations who would like to mass manufacture Negative Pressure Chamber Systems on commercial level for this technology transfer. As consideration for this, we would provide all the technical details and blueprint information to the manufacturer for mass manufacturing of this technology.

This letter is not an official purchase agreement. All of the terms and conditions of the proposed transaction would be stated in the Technology Transfer Agreement, to be negotiated, agreed and executed by both parties afterwards.

Interested **firms/manufacturers/companies/start-ups** are requested to drop an Expression of Interest (EOI) for Technology Transfer/Commercialization in the format as shown in "**Annexure-I**" directed to Coordinator, Design Innovation Centre, Islamic University of Science and Technology, Awantipora, Pulwama, J&K, India.

Coordinator  
Design Innovation Centre  
Islamic University of Science and Technology

# Annexure-I

The below needs to be given

	<b>Company / Firm / Startup Profile</b>
1.	Name of the Organization:  Website
2.	Details of the Contact Person:  Name: Address Telephone: Fax: E-Mail:
3.	Year of Incorporation
4.	Type of Organization  Public Sector/ Limited/Private Limited/ Partnership/ Proprietary/ Society/ Any other
5.	Category of the firm: Large/Medium/Small scale unit
6.	Address of the Registered Office:
8.	Whether your organization is registered as a manufacturing unit?  YES/NO
9.	Permanent Account Number
10.	Sales Tax Number/ VAT

**The following documents need to be attached along with Eol:**

1. Organization Brochure
2. Certificate of Registration / Incorporation
3. Permanent Account Number.
4. The list of machine tools /equipment's/software's/facilities available related to this work.
5. The manpower strength (Technical, & Non-Technical etc.) available.

**Note: Expression of interest should be stamped and signed by authorized signatory with a formal declaration note.**



## AirVac 40+

### Negative Pressure Chamber System

## About the Product

Airvac 40+ is a fully functional Class IV negative pressure chamber designed and developed completely in-house at DIC@IUST with features like negative pressure monitoring, ACH monitoring, modular design, light weight design, low cost design, inbuilt low ACH alarm and inbuilt low negative pressure alarm systems.

#### Key Features:

- ◆ Up to 41 ACH air changes
- ◆ Up to 27 pascals of negative pressure
- ◆ Total weight less than 10 kgs
- ◆ Plastic Frame
- ◆ Easy installation within 10 minutes
- ◆ Modular Design
- ◆ Double UV-C treatment
- ◆ Adjustable Duct Piping
- ◆ HEPA+PRE-NON Woven provides Three Layer Filtering
- ◆ Up to 8 months of filter life
- ◆ Consumes less than 70 watts

#### Design Innovation Centre

Design Innovation Centre, 2nd Floor, Academic Block, IV, J-University Avenue  
Awantipora, Pulwama, Pin-192122  
Jammu and Kashmir  
dic@islamicuniversity.edu.in



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Innovation Centre, IUST



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## AirVac 400

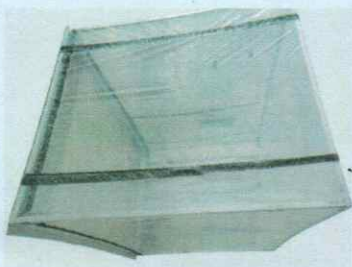
### Negative Pressure Chamber System

### About the Product

Airvac 400 is a fully functional Class N negative pressure chamber designed and developed completely in-house at DIC@UST with features like negative pressure monitoring, ACH monitoring, modular design, light weight design, low cost design, Inbuilt low ACH alarm and inbuilt low negative pressure alarm systems.

#### Key Features:

- ◆ Up to 18 ACH air changes
- ◆ Up to 12 pascals of negative pressure
- ◆ Total weight less than 50 kgs
- ◆ Metallic Frame
- ◆ Easy installation within 60 minutes
- ◆ Modular Design
- ◆ Double UV-C treatment
- ◆ Adjustable Duct Piping
- ◆ HEPA+PRE+NON Woven provides Three Layer Filtering
- ◆ Up to 3 months of filter life
- ◆ Consumes less than 300 watts



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