



# IACTSCON 2024

70th Annual Conference of Indian Association of

**CARDIOVASCULAR THORACIC SURGEONS**

## PHYSICIAN ASSISTANT SESSION

**08th February, 2024**  
**Thursday**

Welcome to the **10th IACTS-PHYSICIAN ASSISTANT Session** at this year's annual conference of the Indian Association of Cardiothoracic Surgeons (**IACTS**) in **Bhubaneswar**.

This annual meeting has become the leading educational event for cardiothoracic and vascular surgery PAs over the past decade. It features interactive lectures on cutting-edge topics by nationally and internationally renowned faculty. We look forward to your active participation in making this one-day event a success.

**Thank you,**

### VENUE :

**MAYFAIR LAGOON & CONVENTION,  
BHUBANESWAR, ODISHA**

**08  
FEB**

**08:30 AM - 05:00 PM**

**REGISTER ONLINE**

[www.iactscon2024.com](http://www.iactscon2024.com)

**Regular - Rs 2000/-**

**For one day, 08.02.2024, Thursday**

**Submit your Abstract to :**

Dr Anbarasu Mohanraj  
anbarasu.mohanraj@gmail.com

Dr Tanmay Acharia  
tacharia@gmail.com

**Abstract Submission Last Date:**  
20th January 2024

**For More Information**  
**+91 98316 71725**



# IACTS CERTIFYING EXAMINATION FOR PHYSICIAN ASSISTANTS

**Exam type** MCQ paper with 120 questions, written examination

**Date** : 09th February, 2024 | IACTSCON 2024

**Venue** : Mayfair Lagoon & Convention, Bhubaneswar, Odisha

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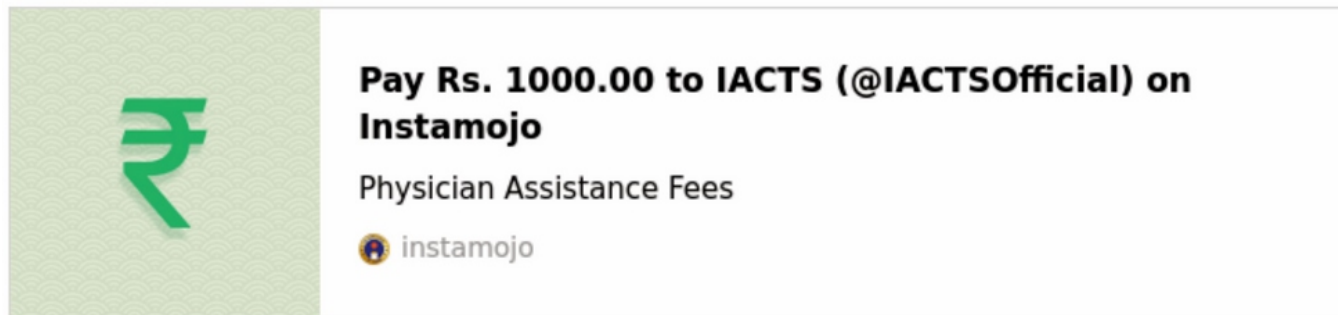
## Eligibility

- Minimum three years of Physician Assistant Bachelor degree and post qualification two years' work experience in a cardiac surgical unit.
- Two testimonials From Head of the department (working institution and trained institution)

## Exam fee – Rs 1000/-

Please use the below link for exam fees and share the payment details to  
**Dr. Tanmay Acharia - +91 98316 71725**

**Please click the below box to register now**



# APPLICATION FORM

**NAME**

**AGE**

**SEX**

**ADDRESS**

**MOBILE NO**

**EMAIL**

**WORK EXPERIENCE**

**ENCLOSED LIST**

- **Bachelor's degree University certificate**
- **Two letter of recommendation**
- **Curriculum Vitae**

**Send Application to**

Dr. Anbarasu Mohanraj,  
Director, Department of Cardiovascular and Thoracic surgery  
Medway Heart Institute  
#9, 1st Main Rd, United India Colony  
Kodambakkam, Chennai-600024, Tamil Nadu.

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# The exam will cover all aspects of patient care in cardiac surgery

SECTION NO	TOPICS
<b>SECTION A</b>	
01	<b>Evaluation of the cardiac patient</b> Pathophysiology and anatomy of common cardiovascular diseases, the importance of history taking in relation to different cardiac diseases, cardiac examination, interpretation of diagnostic tests, risk stratification for cardiac surgery, pre-operative preparation (including pre-medications) and evaluation.
02	<b>Surgical Management</b> Anatomical considerations during cardiac surgery, techniques of surgeries for different cardiac conditions, Concepts and techniques of hypothermia, circulatory arrest and cardiopulmonary by-pass, myocardial management during cardiopulmonary by-pass, vital organs monitoring during surgery. General considerations in central venous access, arterial access, Chest tubes placements and removal, IABP insertion and removal, tracheostomy
02	<b>Post-operative Management</b> Recognition and management of common postoperative complications, complications specific to diseases, fluid and electrolyte management, acid-base balance, post-operative arterial blood pressure, heart rhythm, renal output and cardiac index, principles of mechanical ventilation, nutritional requirement in the post-operative period. Anticoagulation assessment.
<b>SECTION B</b>	
01	<b>Preventive Cardiology and cardiac rehabilitation</b> Prevention of occurrence and progression of disease, reduce the risk of stroke. Reduce the need for future surgery. Increasing quality of life.
02	<b>Pharmacology</b> Antithrombotics, anticoagulation, analgesics, antihypertensives, antiarrhythmics, antianginals, lipid lowering agents, diuretics, antidiabetics, inotropes, chronotropes-indications, contraindications, side effects, adverse effects, drug-drug interactions. Fundamentals of anaesthesia.
03	<b>Microbiology</b> Sources of surgical infection, wound infections, important organisms (staphylococci, MRSA,), surgical precautions, principles of asepsis, antisepsis, sterilization, commonly used antibiotics, antibiotic resistance, Blood borne viruses.
03	<b>Medical Ethics</b> The informed consent, patient safety, dealing with the non-compliant patient, withdrawing life-sustaining treatment, ethics in surgical research.

**Candidates should secure 50 % to pass.**