



## Union Christian College

Union Christian College (U. C. College), Aluva, one of the earliest colleges established in South India in 1921 has completed a century of its successful existence. It is situated on the banks of river Periyar and is about 12 kilometers from the Cochin International Airport. The college which started with 63 students and affiliated to the then Madras University, today is a premier higher educational institute with more than 2500 students. At present it is a DBT Star college affiliated to Mahatma Gandhi University and has a NAAC A and is 77<sup>th</sup> in NIRF ranking. It has 15 graduate and 14 post-graduate courses with 8 of its departments being research centers recognized by the University - providing resources to 120 research students. The vision of the college is to serve the nation by facilitating and motivating wholesome and socially relevant education to actualize the values of humanism.



## Resource Persons

DR. TAPAS DAS

DR. SURESH SUBRAMANIAN

DR. ARUN SASIKUMAR

DR. SHANMUGHA SUNDARAM

DR.(MS.) SHAGOS G. S.

MR. DILSHAD K.

DR. M. R. A. PILLAI

Organized by  
Science Departments  
of U. C. College

**Coordinator**

**Dr. Susan Eapen**  
9004428381

**Convenor**

**Dr. Sareen Sarah John**  
9447502758



*Union Christian College*  
*Aluva, Kochi-683102*



## National Symposium

*22<sup>nd</sup> February 2024*

**NUCLEAR MEDICINE: AN  
INDISPENSABLE TOOL FOR  
MANAGEMENT OF DISEASES**

*Last date for registration*

**16.02.2024**

*(Only limited seats are available)*

## ABOUT THE SYMPOSIUM

Nuclear medicine is a specialized area of medicine which uses small amounts of radio-pharmaceuticals to diagnose and treat various diseases. Knowledge of chemistry, physics, mathematics, biology and medicine is required for understanding various principles of nuclear medicine. This branch helps to diagnose and treat abnormalities and progression of a disease such as cancer. Nuclear imaging helps visualization of an organ and helps in studying organ functions. Radio-pharmaceuticals like Technetium, Thallium, Gallium, Iodine etc. are being used. The radiation emitted is detected by a gamma camera which can detect tumors, organ enlargements or cysts. Single photon emission computed tomography or SPECT produces axial slices similar to CT Scan. In PET Scan, 3-D images can be generated and detection will be easy.

The present One-Day National Symposium intends to teach students and researchers the various uses of radioisotopes, various diagnostic tests, production of radioisotopes etc.

### Link for Registration

<https://forms.gle/wfD32tc2PQL421r86>

## NATIONAL ADVISORY COMMITTEE

**Dr. M. I. Punnoose**

Principal, UC College

**Rev. Thomas John**

Manager, UC College

**Dr. N. Ramamurthy**

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**Dr. M. R. A. Pillai**

Former BARC Scientist

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Former BARC Scientist

**Dr. M. Anil Kumar**

Dean, UC College

**Dr. A. V. Alex**

Director, MCA, UC College

**Dr. Susan Eapen**

Former BARC Scientist

## LOCAL ORGANIZING COMMITTEE

**Dr. Sareen Sarah John**

(Convenor)

**Dr. K. Simi Pushpan**

(Joint Convenor)

**Mr. Shyam Mohan**

(Secretary)

**Dr. Jenish Paul**

**Dr. Alex Mathew**

**Registration Fee**  
**Rs.200/= for UC Students**  
**Rs.500/= for others**

**GPay: 9447502758**

## VENUE

M. L. Pankajakshi Conference Centre

Vidwan P. G. Nair Block

## PROGRAMME

*Registration at 8.30 am.*

*Inaugural Session at 9.25 am.*

**Dr. Tapas Das - Plenary Lecture (35 mts)**

Head, Radiopharmaceutical Division,  
BARC, Mumbai.

*Applications of Radioisotopes*

*in Medicine: An Overview.*

**HIGH TEA (30 mts)**

**Dr. Suresh Subramanian (35 mts)**

BARC, Mumbai.

*Development and Applications of*

*Radiopharmaceuticals.*

**Dr. Arun Sasikumar (35 mts)**

Managing Director & Chief Consultant,

Swasti PET/CT, Imaging and Nucl. Medicine, TVM.

*Diagnostic Imaging using Technetium - 99 m*

*Radiopharmaceuticals.*

**Dr. Shanmugha Sundaram P. (35 mts)**

HOD Nuclear Medicine, Amrita Hospital, Kochi.

*PET CT Imaging for Management of Cancer, Neuro*

*and Cardiac diseases.*

**LUNCH BREAK (1 hour)**

**Dr. Shagos G. S. (35 mts)**

Aster Medcity, Kochi.

*Radiopharmaceutical Therapy for Management of*

*Certain Types of Cancer.*

**Mr. Dilshad K. (35 mts)**

Molecular Cyclotrons, Kochi.

*Emission and Hybrid Imaging Technologies in*

*Nuclear Medicine.*

**Dr. M. R. A. Pillai (35 mts)**

Group Director,

Molecular Cyclotrons, Kochi.

*Radiopharmaceutical Production Initiatives and*

*Opportunities in Kerala.*

*Valedictory Function followed by Tea.*