

Abstract Submission

Participants are welcome to present their research findings in the form of either oral or poster. Interested participants may send an abstract (not more than 300 words) by e-mail hotart2020@gmail.com. The committee will select and intimate the abstracts suitable for oral presentation, and the rest of the abstract could be presented as posters. Special prizes will be given for the best presentation and poster.

Abstract submission opens on 10.03.2020

Last date for the submission of abstracts is 20.03.2020

Intimation of selected participants on 23.03.2020

Registration Fees

Faculty, Post Doctoral Fellow, Medical Physicist	- ₹ 1,000/-
Research Scholars	- ₹ 500/-
UG, PG Students	- ₹ 300/-
Participants from Industry	- ₹ 2,000/-

Registration fee has to be paid as a Demand Draft (DD) drawn in favour of "Head, Department of Medical Physics, Bharathidasan University" from any of the nationalized bank payable at Tiruchirappalli.

Ac No: 32804764079

IFSC Code: SBIN0007014

Bank: State Bank of India, Branch : Bharathidasan University

Last date of Registration : 23.03.2020

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NATIONAL CONFERENCE ON ADVANCED RADIOTHERAPY TECHNIQUES

(ART-2020)

Date: 30th & 31st March 2020



Venue : Bharathidasan University, Tiruchirappalli

Organized by

Department of Medical Physics,
Bharathidasan University, Tiruchirappalli

in collaboration with

G. V. N. Hospital Pvt. Ltd. & Kauvery Hospital,
Tiruchirappalli

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About the University

Bharathidasan University established in February 1982, and was named after the great revolutionary Tamil Poet, Bharathidasan (1891-1964). The motto of the University **"We will create a brave new world"** has been framed from Bharathidasan's poetic words **"புதியதோர் உலகம் செய்வோம்"**. The University endeavors to be true to such a vision by creating in the region a brave new world of academic innovation for social change.

The University's main Campus was initially located in a sprawling area of over 1000 acres in Palkalaiperur. However, as years passed on, the South Campus at Palkalaiperur with the available infrastructure was donated to the newly started Anna University of Technology. Very recently, another portion of the land has been allotted to the Indian Institute of Management (IIM), Tiruchirappalli. Also, the University has a downtown campus at Khajamalai, which housed originally the Autonomous Post-Graduate Centre of the University of Madras at Tiruchirappalli. The University has totally 4 Faculties, 16 Schools, 37 Departments and 29 Specialized Research Centres. There are 263 faculty members catering to 2564 students and scholars in the University.

Department of Medical Physics

The department of Medical Physics under the umbrella of School of Physics offers M.Sc., Medical Physics programme specialized in Radiation technology applied to cancer therapy since 2006 in collaboration with GVN cancer Hospital, Tiruchirappalli. This M.Sc. Medical Physics programme is recognized by Atomic Energy Regulatory Board (AERB), Department of Atomic Energy (DAE), Govt. of India. M.Sc. Medical Physics is inter-disciplinary course bridges physics with medicine and biology towards applications in health care, particularly in radiation cancer therapy. Due to increased health care awareness in India, several hospitals install state of art of equipment for diagnostics and therapeutics of cancer patients. There has been an increasing demand for well-trained medical physicists and Radiation safety officers in our country.

To address the shortage of skilled workforce in these fastest-growing areas of cancer radiation therapy, Bharathidasan University is engaged in training the young pool of PG students as qualified medical physicists and Radiation safety officers (RSO) to make a cancer-free nation. Medical physics is one of the growing areas of employment for physicists. They play crucial roles in radiology, nuclear medicine, and radiation oncology. These fields use very sophisticated and expensive equipment, and medical physicists are responsible for much of its plan, execution, testing, and quality assurance.

The alumni of the Department of Medical Physics are working in several leading hospitals in India.