

ABOUT 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 endeavours to be true to such a vision by creating in the region a brave new world of academic innovation for social change. The University has totally 4 Faculties, 16 Schools, 39 Departments and 29 Specialized Research Centres. There are 263 faculty members catering to 2564 students and scholars in the University. The University Departments/Schools are offering 151 programmes including 40 PG programmes in M.A., M.Sc. and M.Tech. The above programmes are conducted under the Choice Based Credit System (CBCS) in Semesters: 31 M.Phil., 33 Ph.D., 19 P.G. Diploma, 11 Diploma and 10 Certificates. The University's supporting staff strength is 457. In addition to the regular teaching programmes in the Departments and Schools, the University under its Distance Education mode is conducting 15 UG and 26 PG programmes. All the UG and PG programmes are conducted under non-semester system and MCA and MBA programmes are conducted under semester system along with the regular programmes. The MCA and MBA programmes conducted under this mode are very popular.



ABOUT DEPARTMENT

The Department of Environmental Biotechnology was established in 2002 and presently six faculty members are serving in the department. The department offers M.Sc. in Environmental Science, M.Sc. in Biotechnology (Environment) and Ph.D. programmes in Environmental Science and Environmental



Biotechnology. The Post Graduate programmes are designed to cater the manpower for environmental sustenance and management using the application of advanced techniques to restore the environment from the anthropogenic pressure. The courses were designed on the basis of UGC/CSIR-NET and SLET syllabi. Research groups focus on Ecotoxicogenomics, Biospatial Technology and Climate Change studies, Bioremediation and Nanobiotechnology, Plant Metabolomics, Chemical Ecology, Waste Water and Solid Waste Management, Biomaterials, etc. The department has attained International and National level recognitions by attracting research funding from various funding agencies such as, United Nations University (UNU, Japan), Ocean Park Conservation Foundation Hong Kong (OPCFHK), DST-FIST (Level I twice), UGC Innovative Programme (Environmental Genomics), UGC-non SAP, UGC-SAP, Tamil Nadu Pollution Control Board (TNPCB), Central Pollution Control Board (CPCB) and Department of Health Research (DHR). Faculty members also undertake sponsored research projects and have received various awards from National and International bodies. The fund received by the department from different International and National funding agency is Rs. 10.11 Crores. Recently, we have received a major research project from the Department of Health Research (DHR), New Delhi for Rs. 1.04 Crore. The department also harbors Centre for Climate Change Research (CCCR) to carryout academic and R&D activities on climate related issues. Advanced analytical instruments like AAS, HPLC, GC-MS, qPCR, 2-D Gel Electrophoresis, Ultracentrifuge, Continuous Air Quality Monitoring System, Cell Culture facility etc. are available. Entrepreneurship training in Vermiculture and Sustainable Integrated Farming System (SIFS) is also provided to the students.

ABOUT WORKSHOP

The one-day workshop aims to provide comprehensive training on laboratory animal care and ethical considerations essential for responsible biomedical research. The session on ethics emphasises the humane care and use of laboratory animals, underscoring the importance of adhering to ethical guidelines, institutional oversight, and regulatory compliance to ensure animal welfare throughout research procedures. Technical Talk Session 2 will focus on the development and application of in vivo disease models with special attention to arthritis and diabetes. Participants will gain insights into scientifically validated models such as collagen-induced arthritis (CIA) for rheumatoid arthritis and chemically induced diabetes models using agents like streptozotocin and alloxan. The talk will elaborate on model induction protocols, monitoring disease progression, and outcome measures including behavioral pain assessments and metabolic parameters.

Eligibility: Faculty, Post Doc, Research scholars, PG and UG students.

Registration

Participation in the program is entirely free. Interested candidates can apply by completing and submitting a google form on or before 22.10.2025. Selected participants will be intimated through email. working lunch will be provided.

Registration link:

[https://docs.google.com/forms/d/e/](https://docs.google.com/forms/d/e/1FAIpQLScKfHa0u0kESKU5ZMmaLjmoSNusu2_QegBfZ7LlCLBqVVGKyA/viewform?usp=header)

[1FAIpQLScKfHa0u0kESKU5ZMmaLjmoSNusu2_QegBfZ7LlCLBqVVGKyA/viewform?usp=header](https://docs.google.com/forms/d/e/1FAIpQLScKfHa0u0kESKU5ZMmaLjmoSNusu2_QegBfZ7LlCLBqVVGKyA/viewform?usp=header)

Chief Patrons

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Convenor, Vice-Chancellor Committee
Commissioner of Collegiate Education
Director of Collegiate Education
Institute of Advanced Study in Education Campus
Chennai - 600 015

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Tiruchirappalli - 620 024



Organizing Secretary

Dr. T. Sivasudha

Professor & Head
Department of Environmental
Biotechnology
Bharathidasan University
Tiruchirappalli - 620 024



Speaker 1

Dr. S. Achiraman

Professor
Department of Environmental
Biotechnology
Bharathidasan University
Tiruchirappalli - 620 024



Speaker 2

Dr. D Arul Ananth

Assistant Professor
Department of Biotechnology
The American College
(Satellite Campus)
Madurai



Speaker 3

Dr. D. Praveen Kumar

Director of Research
KIRND Institute of Research &
Development Private Limited
Tiruchirappalli



One-Day Workshop on

"Laboratory Animal Care, Ethics, and In Vivo Disease Model Development"

On

24th October, 2025 09:00 am



RUSA 2.0, Bharathidasan University, Tiruchirappalli

Organized by

Department of Environmental Biotechnology

**(DST - FIST, UGC - SAP, Non SAP
and Innovative)**

School of Environmental Sciences

Bharathidasan University

(Accredited with "A+" Grade by NAAC)

Tiruchirappalli - 620024

Tamil Nadu, India

