



Department of Science & Technology
Government of India

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

Warangal - 506 004, Telangana

Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (STUTI)

Call for Registration and Participation

National Level Training Program on

Environmental Monitoring Using Advanced Analytical and Molecular Tools



Organised by

**School of Environmental Sciences and School of Marine Sciences
Bharathidasan University, Tiruchirappalli**

In collaboration with

National Institute of Technology, Warangal

Sponsored by

DST-STUTI, Govt of India, New Delhi

9th - 15th November, 2022

Venue: Bharathidasan University, Tiruchirappalli, Tamil Nadu

For Details Contact

Bharathidasan University

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NIT Warangal

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Technical Officer

About Bharathidasan University, Tiruchirappalli, Tamilnadu

Bharathidasan University located in Tiruchirappalli, Tamil Nadu came into existence in 1982, and got its name after the great revolutionary Tamil Poet, Bharathidasan (1891-1964). The university motto is "We will create a brave new world" that has been framed from Bharathidasan's poetic words "புதிய ஓர் உலகம் சமீபத்தில்". 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 has 4 Faculties, 16 Schools, 37 Departments and 29 Specialized Research Centers. Around 151 programmes are being offered to cater the needs of the students from different parts of the country and even from abroad. The University has been adjudged as one of the most reputed Universities in the country and is accredited with 'A+' Grade by the National Assessment and the Accreditation Council (NAAC). The institution continues to make rapid changes in various fields of higher education and research.



About NIT Warangal



National Institute of Technology Warangal, formerly known as Regional Engineering College, was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 14 Departments offering eight undergraduate, 35 post-graduate programs and guiding 952 PhD scholars besides post-doctoral programs. About 6864 students across the country including international students' study on the campus. It is a fully residential campus spread across 250 acres with excellent infrastructure in the form of state-of-the-art library, seminar halls, guest houses and research laboratories.

About STUTI

The Scheme 'Synergistic Training program Utilizing the Scientific and Technological Infrastructure' (STUTI) is intended to build human resource and its knowledge capacity through open access S&T Infrastructure across the country. As a complement to the various schemes of DST funding for expansion of R&D Infrastructure at academic institutions, STUTI scheme envisions a hands-on training program and sensitization of the state-of-the-art equipment as well as towards sharing while ensuring transparent access of S&T facilities.

Objectives of the Program

- To enable the participants to understand the principles, applications, and hands-on experience on sophisticated analytical instruments.
- To gain knowledge about the in-depth analysis of the characterization techniques using high-end analytical instruments.
- To interact with eminent professors/ scientists/ industrial research personnel and discuss real-time research and make collaborations.
- To encourage the participants to utilize the facilities and enhance the research temper.
- To create a research-friendly atmosphere by letting the creative minds of the country exchange ideas and share their knowledge among their fellow participants.

About the Training

The DST STUTI Training programme on **Environmental Monitoring Using Advanced Analytical and Molecular Tools** is a Seven-day intensive training of lectures and hands-on analytical sessions aimed to provide an overview of environmental contamination, techniques, and analysis methods with higher end equipment and advanced molecular tools.

This workshop brings eminent speakers to deliver resourceful lectures on the Advanced Instrumentation and Biomarker studies for environment pollution analysis. The hands-on training will involve practical exposure to GCMS, AAS, mRNA isolation, cDNA construction and expression studies using RT PCR.

NIT- Warangal Committee

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Director, NIT Warangal

Co-Chairman

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Dean (R&C), NIT Warangal

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Dept. of Metallurgical and Material Engineering, NITW &
PI, STUTI

Coordinators

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Principal Scientific Officer, CRIF, NITW & Co-PI,
STUTI

Program Coordinators

Sri D. Ravikumar
Technical Officer, CRIF, NIT Warangal

Sri Harish Madupu
Technical Officer, CRIF, NIT Warangal



School of Environmental Sciences

Department of Environmental Biotechnology

Dr. R. Babu Rajendran, Professor
Dr. M. Govindaraju, Professor
Dr. T. Sivasudha, Professor
Dr. S. Achiraman, Associate Professor
Dr. M. Vasanthi, Associate Professor
Dr. S. Uma Maheswari, Assistant Professor

Bharathidasan University Committee

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Biotechnology, Chair- School of Environmental Sciences

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and Management

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Associate Professor, Department of Marine Science

Dr. S. Rajakumar

Assistant Professor, Department of Marine Biotechnology



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Dr. N. D. Srinithiviahshini, Associate Professor and Head
Dr. R. Mohanraj, Professor

School of Marine Sciences

Department of Marine Sciences

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Science
Chair, School of Marine Sciences
Dr. N. Manoharan, Associate Professor
Dr. R. Rajaram, Associate Professor
Dr. V. Yoganandan, Assistant Professor
Dr. P. Perumal, UGC-BSR Faculty Fellow

Department of Marine Biotechnology

Dr. K. Anbarasu, Associate Professor & Head
Dr. M. Sundararaman, Professor

Note:

The shortlisted candidates will be intimated through mail. All the selected participants have to submit the uploaded bio-data form physically for the confirmation of participation.

Non-local participants are eligible for boarding/ lodging at Bharathidasan University, Tiruchirappalli, Tamilnadu on double sharing basis.

For domestic travel of participants, the reimbursement for train/bus tickets is allowed as per actual up to 3AC fare (for outstation participants only).

Register on or before: 25th Oct 2022

Scan to Register



Click to Register:

<https://forms.gle/5OH4beTY4kpB64p98>

BIODATA FOR STUTI-21 DST TRAINING PROGRAM (9TH - 15TH November 2022)

NAME Prof./Dr./Mr./Ms.																	

DESIGNATION																	
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ORGANIZATION																	

DATE OF ENTRY IN SERVICE																	
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CATEGORY (GENERAL / SC / ST / OBC)																	
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DATE OF BIRTH																	
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SEX (M/ F)		
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COMPLETE ADDRESS (OFFICE)																	

COMPLETE ADDRESS (RESIDENCE)																	

CONTACT DETAILS	PHONE (O)	PHONE (R)	MOBILE No.	E-MAIL

EDUCATIONAL / PROFESSIONAL QUALIFICATIONS (GRADUATION ONWARDS)					
Sr. No.	EXAMINATION/ DEGREE	UNIVERSITY/ INSTITUTE	YEAR	SUBJECT	DIVISION/PERCENTAGE OF MARKS

EXPERIENCE					
Sr. No.	NAME OF THE ORGANISATION	DESIGNATION	FROM	TO	DUTY PERFORMED

TRAINING ATTENDED				
Sr. No.	YEAR	NAME OF THE TRAINING PROGRAMME	NAME OF THE INSTITUTE	DURATION

RESEARCH EXPERIENCE				
Sr. No.	YEAR	TOPIC OF RESEARCH	SPONSORING AGENCY	GIST OF RESEARCH

PAPER PUBLISHED / PATENT FILED/OBTAINED				
Sr. No.	YEAR	TOPIC OF PAPER/ BOOK	GIST OF PAPER	NAME OF JOURNAL/ MAGZINE/ PUBLISHER

Briefly give details of significant contribution made by you in the field of Science & Technology during your career. (100 words)

Date:
Place:

(Signature of the Participant)

(Head of the Institution)