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Azadi Ka
Amrit Mahotsav



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

Warangal - 506 004, Telangana

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

Call for Registration and Participation **Training Program on R&D Equipment**

Theme: Understanding of Weather, Climate and their Interaction with Oceans

Program Dates: 05th – 11th June, 2023

Venue: Andhra University, Visakhapatnam



Register before: 25th May 2023



**Scan to
Register**

No Registration Fee

Click to register: <https://forms.gle/dXCb9LoHUM6knXCV8>

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.

Eligibility Criteria:

Faculty / Scientists / Post-Doc Fellows / Ph.D. Fellows / Industry Persons / M.Sc. students/ M.Tech. Students who are actively involved in research and development (R&D) in the fields of Atmospheric/ Chemical Sciences, Physics or any relevant area.

Important Instruction:

Fill in the prescribed bio-data form attached with this brochure and get it endorsed by the head of the institution. And keep the scanned copy ready, which needs to be uploaded during registration.

Organized by
Andhra University, Visakhapatnam (Spoke)
National Institute of Technology Warangal, Telangana (Hub)
Funded by
DST, Govt of India

About Andhra University, Visakhapatnam:

Andhra University is not just one of the oldest educational institutions in the country, but is also the first to be conceived as a residential and teaching-cum-affiliating University, mainly devoted to post-graduate teaching and research. The people of the State have an emotional attachment to the institution, since it came into being after a prolonged and collective struggle of the Telugu elite for a University in the educationally backward northern Circars and Ceded districts of the erstwhile Madras Presidency. Andhra University was constituted in the year 1926 by the Madras Act of 1926. The 98-year-old institution is fortunate to have Sir C.R. Reddy as its founder Vice-Chancellor, as the steps taken by this visionary proved to be fruitful in the long run. Former President of India Dr. Sarvepalli Radhakrishnan was one of its Vice-Chancellors who succeeded Dr. C. R. Reddy in 1931. The University College of Arts was inaugurated on 1st July, 1931. The inaugural courses were Telugu language and literature, History, Economics and Politics. A year later, the College of Science and Technology came into being with Honor's courses in Physics and Chemistry. The University pioneered in introducing many new courses in Science, Arts, Management and Engineering in the country.

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.

STUTI Team:

Patron

Prof. Prasad Reddy, P.V.G.D.

Vice-Chancellor, Andhra University, Visakhapatnam

Chairman

Prof. Bidyadhar Subudhi,

Director, NIT Warangal

Co-Chairman

Prof. Somasekhar V. T.,

Dean (R&C), NIT Warangal

Convenor

Sri S Goverdhan Rao

Registrar, NIT Warangal

Prof.P.Sunitha,

*Head, Dept. of Meteorology & Oceanography, A.U.,
Visakhapatnam*

Principal Investigator

Prof. N. Narasaiah,

Dept. of MME, NITW & PI, STUTI

Co-Principal Investigator

Dr. T K Sai,

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

Program Coordinators

Dr.S.R.Rao,

Adjunct Professor

*Dept. of Meteorology & Oceanography., A.U.,
Visakhapatnam*

Smt. GSR Sanjeevini,

Technical Officer, CRIF, NIT Warangal

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 **Andhra University, Visakhapatnam** 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).

Contact Us:

Smt. GSR Sanjeevini,
Technical Officer, NIT Warangal
office_stuti@nitw.ac.in

Dr.S.R.Rao,
Adjunct Professor,
Dept. of Meteorology & Oceanography.,
A.U., Visakhapatnam

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.

Instruments covered for training:

Mobile Air Pollution Monitoring Facility

Samudhra

T-S Meter

Sunshine Recorder

Theodolites

Pyrano & Pyrgeo Meter

Max. & Min. temperature Thermometers

Soil Temperature Thermometers

Anemometer

Barometers

Sling Psychrometer

Wireless rain gauge

Equipment Name: Mobile Air Pollution Monitoring Facility

Application: This mobile van is used to measure the quality of air at various places over Visakhapatnam.



Equipment Name: Sunshine Recorder

Application: The instrument is used to measure the amount of Sunshine at Department of Meteorology & Oceanography, Andhra University, and Visakhapatnam at any time



DWTR



Drifter

Equipment Name: Samudhra Project

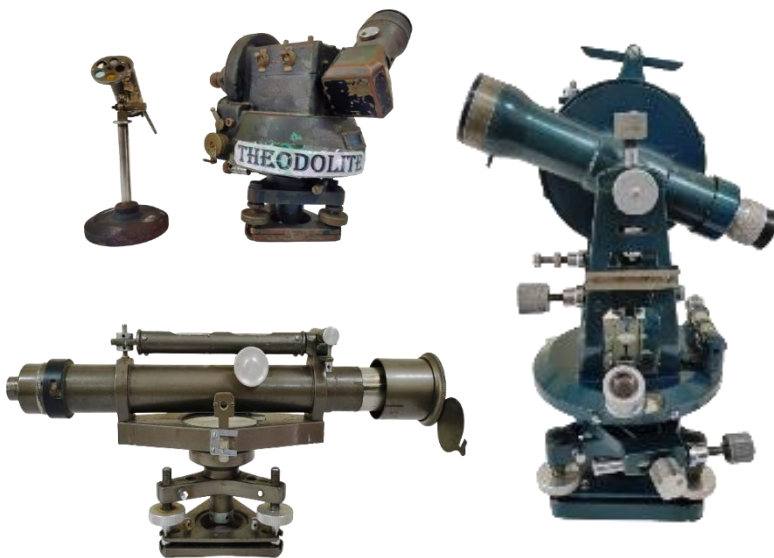
Application: Under the above said project, studying the occurrence of RIP currents at Rishikonda beach, Visakhapatnam.



CEESCOPE Eco sounder

Equipment Name: T-S Sensor

Application: This instrument is used to measure the Temperature and Salinity at the beach



Equipment Name: Theodolites

Application: Instrument for measuring angles between designated visible points in the horizontal and vertical planes

Equipment Name: Pyranometer

Application: Measuring solar irradiance on a planar surface



Equipment Name: Pyrgeometer

Application: A pyrgeometer is a device that measures near-surface infra-red radiation



Equipment Name: Maximum & Minimum Temperature Thermometers

Application: Record the maximum-minimum temperatures of a given location within a given time period

Equipment Name: Soil Temperature Thermometers

Application: Record the maximum-minimum temperatures of a given location within a given time period



Equipment Name: Anemometer

Application: An instrument that measures wind speed

Equipment Name: Barometers

Application: Measures air-pressure in a certain environment



Equipment Name: Sling Psychrometer

Application: Measure the relative humidity of an environment

Equipment Name: Wireless Rain gauge

Application: Measures rain precipitation in inches/ millimeters with rainfall history



BIODATA FOR STUTI-21 DST TRAINING PROGRAM

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 REASEARCH

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)

UNDERTAKING FORM

I, Mr./Ms....., s/o or d/o or w/o....., applying for the STUTI Programme organized by NIT Warangal at Andhra University, Visakhapatnam, scheduled from 5th June, 2023 to 11th June, 2023, do hereby undertake and confirm:

1. That all information/certificates submitted by me are true and to the best of my knowledge and nothing has been concealed.
2. That the college authorities/ organizers (NIT Warangal and Andhra University) shall not be in any way responsible/liable for any damage/expense on account of any loss/injury which may be sustained by the participant at any time in the college during the programme or while commuting to and from the college or while taking part in field visit, or any other lab activities, or due to accident or natural calamity or on account of any other reason whatsoever causing directly or indirectly loss/injury.

That the above undertaking is voluntary and with my free will and consent.

Date: _____

Place: _____

Signature of the participant

Name:

Mobile Number: