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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: Instrumental Methods of Material Analysis

Program Dates: 22nd- 28th August 2022

Venue: Sri Venkateswara University, Tirupati

Register before: 10th Aug 22



Scan to Register

No Registration Fee

Click to Register: <https://forms.gle/2WVU5SzXbqPj9L6K8>

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:

- Persons of Indian origin.
- Faculty / Scientists / Post-Doc Fellows / Ph.D. Fellows / Industry Persons / M.Sc. students/ MTech. Students who are actively involved in research and development (R&D) in the fields of Chemistry, Physics, Instrumentation, 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

Sri Venkateswara University, Tirupati (Spoke), NIT Warangal (Hub)

Funded by

DST, Govt of India

About Sri Venkateswara University, Tirupati:

Sri Venkateswara University established in 1954, to cater to the educational needs and aspirations of people of the Rayalaseema Region of Andhra Pradesh. After completing 68 years of excellence in teaching, research, extension and outreach activities, the University is committed to cater to the needs of higher education offering a full range of post-graduate programs in Arts, Sciences, Law, Management, Education, Physical Education, Engineering and Pharmacy disciplines. From a humble beginning of one College with six departments, the University has now grown into the second largest University in Andhra Pradesh having five constituent Colleges viz. College of Arts, College of Sciences, College of Commerce, Management & Computer Science, College of Pharmacy and College of Engineering accommodating 54 departments offering 72 programs. The University has made rapid strides in the field of higher education and research and is adjudged as one of the best Universities in the country and got ACCREDITED A+ GRADE BY NAAC-2017. Sri Venkateswara University figured in all the International and National Rankings like THE, QS and NIRF.

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. K. Raja Reddy

Vice-Chancellor, SVU, TIRUPATI

Chairman

Prof. N. V. Ramana Rao,

Director, NIT Warangal

Co-Chairman

Prof. V. Rajeswar Rao,

Dean (R&C), NIT Warangal

Principal Investigator

Prof. N. Narasaiah,

Dept. of Metallurgy and Material Engineering

Coordinators

Dr. T K Sai,

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

Prof.S.Vijaya Bhaskara Rao,

Dean (R&D), SVU, TIRUPATI

Prof. V. Padmavathi,

HoD, Department of Chemistry, SVU, TIRUPATI

Program Coordinators

Dr. Y. SubbaRao

Research Scientist, DST-PURSE centre SVU, TIRUPATI

Dr. K. Venkata Subbaiah

Research Scientist, DST-PURSE centre, SVU, TIRUPATI

Sri D. Ravikumar

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 SVU, Tirupati 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:

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Research Scientist, SVU, TIRUPATI
7989186592

Sri D. Ravikumar,
Technical Officer, NIT Warangal
office_stuti@nitw.ac.in

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:

NMR 400MHz	Ultra-Pure Water System Milli Q Direct 8 Elix
ICP-OES-8000	Fluorescence Microscope Olympus-Bx53
Ultracentrifuge Optima XPN-100	Nano Drop-8000 Thermo Scientific
AFM-Edegetech Solver	Particle Size Analyzer SZ-100

Equipment Name:

NMR 400MHz

Make: JEOL

Model: JNM-ECS400



Equipment Name:

ICP-OES-8000 Perkin Elmer

Make: PerkinElmer

Model: OPTIMA 8000 DV

Equipment Name:
Ultracentrifuge Optima XPN-100 Beckman

Make: Beckman Coulter India Pvt. Ltd

Model: Optima XPN 100



Equipment Name:
AFM-Edegetech Solver Next

Make: NT-MDT Service & Logistics

Model: Solver Next

Equipment Name:
Particle Size Analyzer SZ-100
Horiba

Make: Horiba





Equipment Name:
Ultrapure Water System Milli Q Direct 8 Elix

Make: Millipore Pvt. Ltd

Model: Milli Q Direct 8 ELIX

Equipment Name:
Fluorescence Microscope Olympus-Bx53

Make: Olympus Singapore Pvt Ltd

Model: Trinocular BX53



Equipment Name:
Nano Drop-8000 Thermo Scientific

Make: Thermo Fisher Scientific

Model: ND 8000

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/% OF MARKS

EXPERIENCE					
Sr. No.	NAME OF THE ORGANIZATION	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/ MAGAZINE/ PUBLISHER

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

Date:
Place:

(Signature of the Participant)

(Head of the Institution)