ABOUT THE WORKSHOP

This workshop aims to provide a comprehensive overview of the cutting-edge research and technological advancements in the field of seismology, with a particular focus on the application of deep learning in seismic image processing. This workshop addresses a significant gap in current seismological practices by focusing on the integration of deep learning and advanced computational methods with seismic research. The resource persons from central government R&D divisions and reputed academic institutions will be delivering the session lectures.

TARGET AUDIENCE

Faculty members / Research Scholars / PG students / Industry Professionals from the Recognized Institution / Industries can attend the Workshop.

REGISTRATION

Registration Fee	Rs. 590 (Rs. 500+18% GST)
Last date of submission of filled application	17-11-2024
Confirmation of participants via Email	18-11-2024

E-certificate will be provided for the Participants

PAYMENT DETAILS

ACCOUNT NAME : DEPT OF ECE
ACC NUMBER : 165701000019340
IFSC CODE : IOBA0001657

REGISTRATION LINK

Scan the QR code for registration

http://bit.ly/3Z54oTv

PATRONS

PROF. DR. T. MURUGESAN
VICE CHANCELLOR

DR. N. THAJUDDIN
PRO-VICE CHANCELLOR

DR. N. RAJA HUSSAIN
REGISTRAR

CONVENOR

DR. C. THARINI
DEAN/SECS

DR. G. KANNAN
HOD/Department of ECE

CO-ORDINATORS

DR. M. PADMA USHA
Assistant Professor (Sr.Gr)

DR. S. SYED RAFIAMMAL
Assistant Professor (Sel.Gr)

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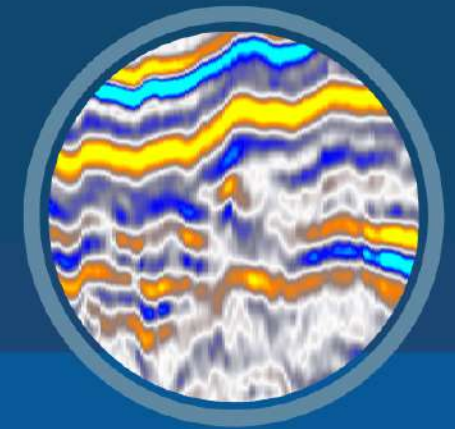B.S. Abdur Rahman
Institute of Science & Technology

IE(I) & IETE Sponsored

Two days online

NATIONAL WORKSHOP

On

Deep learning Techniques for Seismic Image Processing

19.11.2024 & 20.11.2024

Organized by

Department of Electronics & Communication Engineering

BS Abdur Rahman Crescent Institute of Science and Technology
Chennai- 600048

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the year 1994. It offers under graduate program B. Tech-Electronics and Communication Engineering, B.Tech - Electronics and Computer Engineering and Post Graduate programme M. Tech VLSI and Embedded systems and Ph.D (Full time / Part time). The department has an optimum blend of staff members with Research & Development, Industrial and Academic experience. The department has excellent infrastructure with 14 laboratories with all industry standard hardware & software tools.

WORKSHOP SCHEDULE :

Time	Day 1 (19.11.2024)	Day 2 (20.11.2024)
9:30 AM - 11:00 AM	Seismic waves - Research prospects Dr.D.Shashidhar Principal Scientist Earthquake Hazard CSIR-NGRI,Hyderabad	Seismic data denoising and reconstruction using signal processing and deep learning methods - Python and MATLAB Dr.Vineela Chandra Dodda Assistant Professor/ECE Amrita Vishwa Vidyapeetham, Amaravati Campus
11:15 AM - 12:45 PM	Deep Learning for Seismic image processing Dr.Thandan Babu Naik Principal Scientist Instrumentation and Engineering Geophysics NGRI,Hyderabad.	Seismic data processing based on Dictionary Learning techniques Dr. Lakshmi Kuruguntla, Assistant Professor, School of Engineering and Applied Sciences KL University, Vaddeswaram
2:00 PM - 3:30PM	Seismic Inversion using Deep Learning Dr.Shib Ganguli Senior Scientist , Controlled Source Seismics and Gas Hydrates, NGRI,Hyderabad	Seismic Image Enhancement Dr. S.Syed Rafiammal, AP(Sel.Gr.)/ECE Dr. M.Padma Usha AP (Sr.Gr.)/ECE BSACIST

ABOUT THE INSTITUTION

B.S. Abdur Rahman Crescent Institute of Science and Technology is a renowned Quality Leadership Institution located at Chennai since 1984. The Institution has offered access to a wide range of academic opportunities. With 56 programmes, grouped under 12 different Schools, 31 Undergraduate programmes, 25 Postgraduate programmes, and Ph.D. This institution is a rising stalwart in higher education with promising Quality, Security and Placement. The distinctive teaching at this institution makes the students and scholars to compete with themselves and each other. Apart from providing top-notch education, our green campus and well-planned student life are solely dedicated to making students utilize the ambiance to the fullest. Through our wide array of educational programmes and unique clubs to foster student development activities, we provide opportunities and experiences that build community, help you grow personally and professionally, and create a place that you can call home now and throughout your life.

Two days online
NATIONAL WORKSHOP
ON
Deep learning Techniques for Seismic Image Processing
19.11.2024 & 20.11.2024

REGISTRATION FORM

1. Name :

2. Faculty / PG / Research Scholar :

3. Designation (For faculty) :

4. Institution with address (Phone No) :

5. Contact number :

6. E-mail ID :

7. Academic qualification with specialization :

8. Area of interest: :

Date:
Place:

Signature