TWO DAYS NATIONAL WORKSHOP
ON
<u>Artificial Intelligence</u>
<u>For</u>
<u>Electrical Engineering</u>

<u>5th -6th July, 2023</u>

<u>JOINTLY ORGANIZED BY</u>
Department of Electrical Engineering
Tripura University (A Central University), Suryamaninagar
AND
RBMedutech in associate with IIT KGP

<u>HOW TO APPLY FOR</u>
<u>THE WORKSHOP?</u>

To apply for the workshop please follow the steps as mentioned below:

1. Fill the Google Form through the link.

https://forms.gle/56PHhbrfuFDmGdRp7

2. The confirmed participant has to register for the workshop in the **Department of Electrical Engineering, Tripura University** by paying the Registration Amount on or before 2nd July, 2023.

<u>VENUE</u>

Department of Electrical Engineering,
Tripura University (A Central University),
Agartala, Tripura, 799022

NB: No. of seats are limited and will be selected in First Come First Serve Basis
For more Details, contact: www.tripurauniv.ac.in

<u>WORKSHOP CONTENTS</u>

The following topics are to be covered in the Work-shop:

PYTHON
COMPUTER VISION
NEURAL NETWORK
FACE DETECTION
MACHINE VISION
INDUSTRY 4.0 APPLICATION

<u>INVITED SPEAKER</u>

Rajiv Ranjan.
Ex. Texas Instrumentation USA, GATES Foundation, WH O & Niti Aayog

<u>IMPORTANT DATES</u>

• **Last date of receipt of filled in Application form (via Google form only)**: July 2nd, 2023.
• **List of selectedcandidates**: July 3rd, 2023.
• **Program Duration**: July 5th -6th,2023.

<u>Introduction</u>: Welcome to the two-days skill development Workshop on AI for Electrical Engineering, where we deliver into the transformative power of artificial intelligence (AI) in this field. This workshop aims to equip participants with a comprehensive understanding of AI's applications, potential, and impact on engineering. By exploring real-world examples, practical applications, and industry insights, attendees will harness the power of AI to optimize systems, automate processes, and make intelligent decisions.

<u>Objectives</u>: This workshop aims to achieve the following objectives in a concise and focused manner:

❖ Knowledge Enhancement: Gain a solid foundation in AI principles, python, and neural networks, enabling a comprehensive understanding of AI's role in engineering applications.
❖ Practical Applications: Explore real-world case studies where AI has successfully enhanced power systems optimization, fault detection, load forecasting, energy management, and intelligent control systems.
❖ Hands-on Experience: Engage in practical sessions applying AI techniques to electrical engineering problems, using cutting-edge tools and frameworks to gain practical skills.
❖ Industry Insights: Learn from guest speakers who have implemented AI solutions, gaining valuable perspectives on challenges, opportunities, and future trends in the integration of AI in electrical engineering.
❖ Networking and Collaboration: Connect with professionals, researchers, and industry experts to foster innovation, collaboration, and potential partnerships.

NATIONAL WORKSHOP ON ARTIFICAL INTELLIGENCE FOR ELECTRICAL ENGINEERING

5th -6th JULY, 2023

Organizing Committee:

PATRON:
Prof. Ganga Prasad Prasain,
Vice-Chancellor, Tripura University

PRESIDENT:
Prof. B.K. Datta,
Dean, Faculty of Science, Tripura University

CHAIRMAN:
Prof. Swanirbhar Majumder,
Department of IT, Tripura University

CO-ORDINATOR:
Dr. Champa Nandi
Assistant Professor & HOD (I/C)
Department of EE, Tripura University

MEMBERS:
- Mrs. Sangita Das Biswas,
  Department of EE, Tripura University
- Dr. Alak Roy,
  Department of IT, Tripura University
- Dr. Jayanta Pal,
  Department of IT, Tripura University
- Dr. Bishanka Brata Bhowmik,
  Department of ECE, Tripura University
- Dr. Anirban Karmakar,
  Department of ECE, Tripura University
- Dr. M. K. Bhowmik,
  Department of CSE, Tripura University
- Dr. Abhishek Majumder,
  Department of CSE, Tripura University
- Dr. Gagari Deb,
  Department of EE, Tripura University

ABOUT
TRIPURA UNIVERSITY

Tripura University (A Central University) is located at Suryamaninagar about 8 km away from Agartala City. Established on 2nd October, 1987. This University having 44 departments offering Master Degree: 60, Certificate: 1, IMD: 9, Post Graduation Diploma: 6 courses along with Ph.D. in various disciplines. The University is running 58 programs and having 57 affiliated colleges all over Tripura.

HOW TO REACH TRIPURA UNIVERSITY

Air: Agartala is well connected by air line with Indian Airlines, Indigo, Spicejet from Kolkata, Guwahati, Chennai, Banglore, Imphal.

Bus: Agartala is connected with Guwahati through Bus. It is also connected to Kolkata via bus which passes through Bangladesh.

Rail: Agartala railway station is directly connected to Guwahati, Silchar, Lumding Station by train.

NB: Tripura University is about 8 km. away from main city of Agartala.

REGISTRATION FEE: Rs. 600/- per Participant

NB: Those who are facing any problem regarding payment, please contact via our email address.

WHO SHOULD APPLY?

The participant may be a Teaching Faculty, Industry personnel, Researcher from any Engineering /Research organization, or student from any Technical Institute/University.

NB: No TA/DA shall be entitled. However Accommodation can be arranged in the University Guest on Payment basis subject to the availability.

Contact Us:
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