Two days Workshop
On
Machine learning and Deep learning for Bio-medical applications
3rd and 4th November 2023

B.S. Abdur Rahman
Crescent
Institute of Science & Technology
Deemed to be University u/s 3 of the UGC Act, 1956
GST Road, Vandalur, Chennai 600 048

RESOURCE PERSONS:

- **Dr. Masilamani V**, Associate Professor & HOD/CSE, IIITM, Kanchipuram
- **Dr.S.Sutha**, Associate Professor, Instrumentation Engg, MIT, Anna University
- **Dr.A.Ganesh Ram**, Assistant Professor, Instrumentation Engg, MIT, Anna University.
- **Dr.A.Bakiya**, Associate professor, ECE, Vel-Tech Institute of Science & Technology
- **Dr.D.Najumnissa Jamal**, Prof & HOD/EIE, B.S.Abdur Rahman Crescent Institute of Science & Technology
- **Dr.A.Paramasivam**, Assistant Professor, Biomedical Engineering, Vel-Tech Institute of Science & Technology.

CONVENORS

Dr. C.Tharini, **Dean (SECS)**

Dr.D.Najumnissa Jamal, **Prof & HOD/EIE**

CO-ORDINATORS

Dr.G.Anitha, **Asst.Prof (Sel.G)/EIE**

Email: anidhag@crescent.education

Mobile: 9840184469

Dr.P.R.Hemavathy, **Asst.Prof(Sel.G)/EIE**

Email:shemavathy@crescent.education

Mobile: 9841232253

National Level Two days Workshop
On
Machine learning and Deep learning for Bio-medical applications

3rd and 4th November 2023

Organized

By

IEEE Student Branch
and
Department of
Electronics and Instrumentation Engineering
B.S.Abdur Rahman Crescent Institute of Science & Technology,
Vandalur, Chennai – 48.

Website: https://crescent.education/
E-mail: hodeie@crescent.education

ABOUT THE INSTITUTION

Since 1984, B.S. Abdur Rahman Crescent Institute of Science and Technology is a renowned Quality Leadership Institution located at the greenest spot of Chennai near Tambaram. Through our long history of 38 years of excellence, the Institution has offered access to a wide range of academic opportunities. With 56 programmes, grouped under 12 different Schools, 31 Undergraduate programes, 25 Postgraduate programmes, and Ph.D. (in all the departments), this institution is a rising stalwart in higher education with promising Quality, Security and Placement. This institution is an intellectual destination that challenges conventional thinking and stimulates passion to redefine learning. 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.

ABOUT THE DEPARTMENT

The Department of Instrumentation & Control Engineering was started in the year 1995. Since the year 2009 the department was changed to Department of Electronics & Instrumentation Engineering. At present the department of EIE offers B.Tech (Electronics and Instrumentation Engineering) and Ph.D. The department has excellent infrastructure with sophisticated equipments procured from reputed companies around the world. Qualified and experienced faculty members of the department are an asset to the department.

ABOUT THE WORKSHOP

This workshop will provide knowledge on fundamentals of machine learning, deep learning algorithms, biomedical image processing and hands on practice on machine learning and deep learning algorithms for biomedical image processing applications using Matlab. At the end of the workshop the participants will be able to use appropriate classifier for their application.

WHO CAN ATTEND?

Faculty, research scholars, UG & PG students and industry people

TOPICS TO BE COVERED

- Applications of AI for physiological control system
- A computational swarm Intelligence screening tool for Electrophysiological signals
- Advancements in Artificial Intelligence for Healthcare applications
- Implementation of Machine learning and deep neural networks to classify EEG signals
- Artificial Intelligence based Automated screening system for dental disorders
- Hands on training in Matlab

IMPORTANT DATES

Last date for registration: 31.10.23
Intimation of selection   : 01.11.23

REGISTRATION FEE

Registration fee: Rs: 600/-

ONLINE PAYMENT DETAILS

Account Name: Society of Instrumentation & Control Engineers
Account Number: 165701000003032
IFSC code & Branch: IOBA0001657, Vandalur

FOR REGISTRATION

https://forms.gle/11frp5SVPf8fJMTLA