ABOUT THE INSTITUTE

 Education today is an indispensable springboard to advancement. We, at RAJALAKSHMI INSTITUTE OF TECHNOLOGY, have dedicated ourselves to impart technical and engineering education at its best. We strive to provide the students with the right environment to acquire knowledge, the spirit of excellence and impart quality technical education that fosters learning and research. Rajalakshmi Institute of Technology is determined to spawn creative, highly employable, disciplined and competent global citizens.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering (ECE) was established during the inception of the institute in 2008. Drawing upon RIT's tradition of teaching excellence, the Department of ECE with 37 faculties and 462 students work closely together in an open, collegial atmosphere. This programme covers core theory along with the latest developments in hardware and device electronics, VLSI and nanotechnologies, software and computer systems, Satellite communications and multimedia engineering. In addition to the well-equipped curriculum related laboratories the major areas of faculty expertise of the department include Biomedical Signal Processing, Communication Systems, Computer Networks, Control Systems, Digital Signal Processing, Image Processing & Computer Vision, Power Electronics, Power Systems, Radar Signal Processing, RF and Microwaves, Speech Signal Processing, VLSI Systems and MEMS. There are six major research groups in the department: Signal & Speech Processing, Image & Video Processing, Embedded Systems & Robotics, Antenna, RF & Microwave circuit design, VLSI Design & Nanotechnology and Wireless Communication & Networking.

ABOUT THE SEMINAR

Machine learning algorithms evolving from the study of pattern recognition and computational learning theory in artificial intelligence. The field of Bio informatics is intelligent data-drive approach that uses big data to tackle a problem tends to help performance but poses new challenges. Machine learning, a subfield of data science involving the development of algorithms that learn how to make predictions based on data, has a number of emerging applications in the field of bioinformatics. Bioinformatics deals with computational and mathematical approaches for understanding and processing biological data. Prior to the emergence of machine learning algorithms, bioinformatics algorithms has to be explicitly programmed by hand which, for problems such as protein structure prediction, proves extremely difficult.

TOPICS TO BE COVERED

- Significance of ML Algorithms for Bio Statistics
- Bio Informatics and Datasets
- Hands-on training on ML al Python
- Computational Intelligence and Scientific data Visualization
- BioInformaticsPatternrecognitionMethods& Challenges

RESOURCE PERSONS

- Industrial experts from G E Health care, HCLsystems, TMI systems and Acedamic experts from reputed institutions.

ELIGIBILITY

- Faculty/Students from AICTE approved Engineering Colleges.
- Personnel from R&D organization and Industry are also eligible to attend the programme.

ICMR Sponsored Two-day Seminar
On
**Research Acumen's in
Machine Learning Algorithms for
Bioinformatics Applications**

22.06.2018 & 23.06.2018

Convener
Dr.G.R.Suresh

Organized by
Department of
Electronics and Communication Engineering

RAJALAKSHMI
INSTITUTE OF TECHNOLOGY
Kuthambakkam(PO),Chennai-600124
www.ritchennai.org
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SPONSORSHIP

Mr./Ms/Dr./Prof...
.... is an employee of our institution and hereby sponsored for attending the seminar

Date: Signature of the sponsoring
                         Authority with office Seal

Registration

Partcipants are requested to fill the registration form and send the same to the coordinator along with DD to be drawn in favour of "Rajalakshmi Institute of Technology Payable at Chennai" or through NEFT Transaction

Registration Fee

Faculty/Industry Participants: Rs: 1000/-
Students /Research Scholars : Rs. 750/-

Accomodation will be provided for the outstation Participants on request

NEFT details

Bank Name   : Punjab National Bank
Branch   : Irunkatukottai
Account No : 6076002100000266
IFSC Code   : PUNB0607600

IMPORTANT DATES

Last date of Registration:
Scanned copy of DD along with registration form to be sent on or before 19th June 2018
Confirmation of Participants via E-Mail
20th June 2018

Address for communication

The Co-ordinator ICMR sponsored two day seminar on Research Acumen's in Machine Learning Algorithms for Bioinformatics Applications
Mobile: 9791499870,9941265572
email: riteceicmr@gmail.com

For more information and Event updates, please visit
https://sites.google.com/ritchennai.edu.in/riteceicmr
18/home

ICMR   SPONSORED Two-day Seminar
on
Research Acumen's in Machine Learning Algorithms for Bioinformatics Applications

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REGISTRATION FORM

Name :

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Designation :

Department :

Education Qualification :

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Signature of the Applicant