



CSIR Sponsored

One Day National Level Seminar on

“Deep Learning Techniques in Health Care Applications”

28th August 2019

Registration Form

Name:.....

Category: UG/PG Students / Faculty /
Research Scholar

Designation:.....

Department:.....

Institution:.....

Mailing address:.....

.....

Phone:.....

Mobile:.....

Email:.....

Date:

Place:

Signature

CHIEF PATRON

Sri. T.S.R.Khannaiyann,
Chairman

Smt.T.R.K.Sarasuwathi Khannaiyann,
Managing Trustee

Er. K.Priya Satish Prabu,
Secretary and Executive Trustee
Hindusthan Educational Institutions

PATRON

Dr. C. Natarajan
Principal

CONVENER

Dr. B. Paulchamy
Professor and Head / Dept.of ECE

PROGRAMME CO-ORDINATOR

Mr.K.Mahendran
Associate Professor/ Dept. of ECE

For further enquiries and communication,
Contact :
Co-ordinator:

Mr.K.Mahendran
Associate Professor
Department of ECE
Hindusthan Institute of Technology
Coimbatore - 641 032.
Contact no : 9976064001 / 9629183233
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One Day National Level Seminar on

“Deep Learning Techniques in Health Care Applications”

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Organized by

Department of
Electronics and Communication Engineering



HINDUSTHAN INSTITUTE OF
TECHNOLOGY

Othakkalmandapam, Coimbatore – 32
(Approved by AICTE, New Delhi,
Accredited by NBA, NAAC with ‘A’ Grade, &
Affiliated to Anna University, Chennai)
Phone:0422-2610966 Fax:0422-2610833
e-mail : hitprincipal@hindusthan.net

ABOUT THE COLLEGE

Hindusthan Institute of Technology is one of the leading Engineering Colleges imparting quality Technical Education to the aspirants from Tamilnadu and other neighboring states. It is run by Hindusthan Educational and Charitable Trust under the leadership of Sri.T.S.R.Khannaiyann and Smt. T.R.K Sarasuwathy Khannaiyann.

The Institution was established in the year 2007 and is affiliated to Anna University Chennai. The Institution is well known for its high educational standards with excellent infrastructures, spread over 200 acres and is located on the Coimbatore - Pollachi National Highway. The Institution currently offers 6 UG and 4 PG programme.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was started in the year 2007 with vision to develop Centre of Excellence in the wide area of Electronics & Communication Engineering Field and to promote innovative research and development.

The department has well equipped laboratories with latest simulation Software and eminent faculty member with good academic records. Our Department got **Research Centre** Recognition from Centre for Research Anna University Chennai.Under R&D many students doing their project in our department itself. The department was accredited by NBA, NAAC with 'A' Grade

VISION

To develop value based professionals with a strong foundation in Electronics and Communication Engineering and innovative technical skills with eminent leadership qualities and ethical conduct.

MISSION

MD1: To establish a conducive and inspiring learning environment towards value based education.

MD2: To educate the students with the state of art technologies to meet the growing challenges of the industry and to guide them towards research in varied fields of Electronics and Communication Engineering.

MD3: To provide a quality system for wholesome learning to achieve progress and prosperity in life along with moral values.

ABOUT THE SEMINAR

Deep Learning is a branch of machine learning that is based on algorithms for learning multiple levels of representation in order to model complex relationships among data. It is in the intersections among the research areas of neural networks, graphical modeling, optimization, pattern recognition and signal processing. The researchers have demonstrated their success in diverse applications of computer vision, information retrieval and analysis of molecules that may lead to discovery of new drugs. Recently, more workings are coming up in the area of medical image processing and diagnosis due to the advancements in chip processing abilities and algorithms. Deep

learning techniques can be applied to enhance intelligent support to command decision-making, AI-enabled data analysis, information processing an Intelligence Annalysis

TOPICS COVERED

- Introduction to Deep Networks and Convolutional Neural Networks
- Auto encoders and its Applications
- Deep Learning Toolbox (Tensorflow)
- Recurrent Neural Networks and Sequence Modelling
- Deep Learning Tool Box (Keras) Installation and creation
- Deep Learning for Medical Image Processing

ELIGIBILITY

Faculties from Engineering colleges, Research Scholars, Industrial Persons and UG & PG students are eligible for the Seminar.

ACCOMMODATION

Accommodation and boarding if required will be provided in the college premises on chargeable basis.

REGISTRATION

All participants have to pay Rs.200.00 as registration fee by Demand Draft in favour of 'The Principal, Hindusthan Institute of Technology', Payable at Coimbatore..

SCHEDULED DATE

Last date for receipt of application	: 21.08.2019
Intimation of Selection by email	: 22.08.2019
Confirmation by Participants	: 26.08.2019