

CSIR Sponsored
One Day National Level Seminar
on
*“Deep Learning in Biomedical
Applications for IoT”*
26th February 2020

Registration Form

Name:.....

Degree: UG / PG / FACULTY

Designation:.....

Department:.....

Institution:.....

Mailing Address.....

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Phone:.....

Mobile:.....

Email:.....

Demand Draft No. & Bank :

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Accommodation Required :Yes / No

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,

Prof. & HOD / Dept. of ECE

CO-ORDINATOR

Mr.M.Vignesh,

Assistant Professor / Dept. of ECE

The duly filled application form be sent

to:

Mr.M.Vignesh,

Assistant Professor,

Department of ECE,

Hindusthan Institute of Technology,

Coimbatore - 641 032.

Contact no : 9626272836

E-Mail : hit.ece@hindusthan.net

The details of this Seminar is available
in the website www.hindusthan.net

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One Day National Level Seminar
on
*“Deep Learning in Biomedical
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26th February 2020



Organised by

Department of

Electronics and Communication

Engineering



**HINDUSTHAN INSTITUTE OF
TECHNOLOGY**

Othakkalmandapam, Coimbatore – 32.

(Approved by AICTE, New Delhi,

Affiliated to Anna University, Chennai,

Accredited with NBA & “A” Grade by

NAAC)

Phone:0422-2610833 Fax:0422-2610833

E-Mail : hitinfo@hindusthan.net

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 programs.

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 members 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.

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.

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

ABOUT THE SEMINAR

The importance of medical imaging includes early detection, diagnosis and treatment of diseases. The medical image interpretation has mostly been performed by human but due to large variations in pathology and potential fatigue of human experts begun to benefit from computer assisted interventions. The advances in computational medical image analysis is been improved with the help of deep learning techniques. IoT can connect people to create new services and medical applications to achieve common objectives of diagnosis. Thus the concept of deep learning and IoT can create wonders in the medical field. With this seminar we can generate awareness among the students and research scholars to use cases and applications addressing the related theoretical and practical aspects on Deep Learning in Biomedical Applications for IoT.

TOPICS COVERED

- Biomedical Image processing & Research Issues
- Biomedical Image processing employing Matlab
- Introduction to machine learning, Why Deep Learning is Necessary?
- Deep Learning model Selection
- Internet of Things in Biomedical Applications
- Application of IoT in healthcare
- Power aware IoT
- Research issues in Embedded System for IoT
- Security, Privacy and Trust in IoT Data Platforms

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.

IMPORTANT DATES

Last date for receipt of application	: 19.02.2020
Intimation of Selection by email	: 21.02.2020
Confirmation by Participants	: 23.02.2020