



Haldia Institute of Technology
(An Autonomous Institute)
(Affiliated to Maulana Abul Kalam Azad University of Technology, West Bengal, AICTE Approved, India)
(NAAC A Grade, All NBA Accredited Departments)



***Two Days' International Webinar on
Linguistics, Machine Learning & Artificial Intelligence
August 10 - 11, 2020***

**(Organized by Department of Information Technology & Mechanical
Engineering Department)**

Concept Note

Today when this stifling Pandemic situation is locking us all indoors stagnating our lives, the need for the digitalization and automatization of the world through AI is probably the earnest crave. Ever since the day of its inception, Artificial Intelligence has been one of the most engaging topics of rigorous research aiming at automatizing the world and reducing the human labour. Thus its operational area has always been the machines, namely the computers. Hence its other name, the Machine intelligence. But to make the machines work, the rules and orders are to be fed to the computer and therefore there must be a man-machine interface involving the processing of natural (human) language. This calls for Linguistics, engendering a meticulous probe into the syntax-semantics interface. So, linguistics, machine learning and AI, all the three get irrevocably interlinked. As days are passing, this AI which started its journey as a "heartless' Tin man" is also developing. Today it has developed even to the extent of detecting human sentiments and emotions, and act accordingly. Now there is hardly any domain where AI has not intruded - healthcare, government, finance, military, advertising, literary text (corpus stylistics etc.), art, even into the cognitive aspect of human communication.

Thus this webinar aims to revision through the talks of the invited scholarly speakers, deeply engaged in this research area, all these explored as well as yet to be explored areas of AI, its methods, and various applications. This seminar also expects to reach a conclusion at the end of its second day whether it is really possible to replace human beings with machines- if yes, will it be a Frankenstein's case of Mary Shelley or something truly reliable, its pros and cons.

SPEAKERS



Professor (Dr.) Huiling Ding
North Carolina State
University, USA



Dr. Shyamal Kr Das Mondal
Vice Chairman, ACSSC/ERP IIS
IIT Kharagpur



Dr. Braja Gopal Patra
Postdoctoral Fellow
Texas University



Dr. Sudip Kumar Naskar
Jadavpur University
India



Dr. Pritesh Chakraborty
Acharya Sukumar Sen
Mahavidyalaya, India



Professor (Dr.) Soumen Paul
Haldia Institute of Technology
India



Professor (Dr.) Bhargav Maitra
Indian Institute of Technology
Kharagpur



Professor (Dr.) Tarun K Jana
Haldia Institute of Technology
India

Schedule

DAY 1, 10 AUGUST 2020

WELCOME ADDRESS

Chief Patron

Dr. Laxman Chandra Seth



Chairman

**Haldia Institute of Technology
ICARE Complex
Haldia
West Bengal, India
Time- 3.30pm**

Patron

Professor (Dr.) M.N. Bandyopadhyaya



Director

**Haldia Institute of Technology
ICARE Complex
Haldia
West Bengal, India
Time- 3.45pm**



Dr. Priyanka Dey

**Assistant Professor of English (Linguistics & Literature)
School of Applied Science and Humanities
Haldia Institute of Technology
Haldia, West Bengal, India
Topic-Introduction to the Theme
Time-4.00pm**

Professor (Dr.) Goutam Bose

**Head of the Department
Mechanical Engineering
Haldia Institute of Technology
Haldia, West Bengal, India
Topic- Keynote address
Time-4.05 pm**



Dr. Sudip Kumar Naskar

**Associate Professor
Department of Computer Science & Engineering
Jadavpur University
West Bengal, India
Topic: *NLP-What, Why and How?*
Time: 4.15pm-5.00pm**

Professor (Dr.) Soumen Paul

**Head of the Department
Information Technology
Haldia Institute of Technology
West Bengal, India
Topic: *Neural Network and Genetic Algorithm*
Time: 5.00pm-5.45pm**



Dr. Pritesh Chakraborty

**Assistant Professor
Department of English
Acharya Sukumar Sen Mahavidyalaya
Burdwan University, India
Topic: *Boon or Bane- Language Teaching & AI*
Time: 5.45pm-6.30pm**

Professor (Dr.) Huiling Ding

**Director, MS in Technical Communication
Department of English
North Carolina State University
United States of America
Topic: *Artificial Intelligence in Job Screening*
Time: 6.30pm-7.15pm**



Schedule

DAY 2, 11 AUGUST 2020



Dr. Shyamal Kumar Das Mondal
Assistant Professor
Center of Educational Technology
Vice Chairman, ACSSC/ERP IIS
Indian Institute of Technology Kharagpur
Topic: *Text to Speech Analysis and Speech Prosody*
Time: 4.00pm-4.45pm

Professor (Dr.) Tarun Kanti Jana
Dean, School of Engineering
Haldia Institute of Technology
Haldia
West Bengal, India
Topic: *Role of AI in Cyber Physical Production System*
Time- 4.45pm-5.30 pm



Professor (Dr.) Bhargav Maitra
Department of Civil Engineering
Head of the Department, Ranbir Chitra Gupta
of Infrastructure Design and Management
Indian Institute of Technology Kharagpur
Topic: *Artificial Intelligence in Transportation*
Time: 5.30pm-6.15pm

Dr. Braja Gopal Patra
Postdoctoral Fellow
School of Public Health
University of Texas Health Center Science
Houston, Texas, USA
Topic: *Sentiment Analysis Using Artificial Intelligence*
Time: 6.15pm-7.00pm



VOTE OF THANKS

Professor (Dr.) Tarun Kanti Jana
Dean, School of Engineering, Haldia Institute of Technology

Registration Link:

<https://docs.google.com/forms/d/e/1FAIpQLSdt1EFSuVrQpRI8zpMddh5KxY7cNV56qKtnoj8utgGv6eEldw/viewform>

Registration is Free for all Participants

E-certificate will be issued only to those who will join the Webinar for both the Days and will fill the given Feedback form timely. Feedback Form will be provided in the Chat box of Google meet at the end of each day.

(Limited Accommodation. So, hurry up for the Registration and please be there on time to Join us in Google Meet)

For all updates and Google Meet Link Join the Telegram Group through the Registration form

PROGRAM CONVENORS

Professor (Dr.) Tarun Kanti Jana
Dean
School of Engineering
Haldia Institute of Technology
Haldia, India

Dr. Priyanka Dey
Asst. Professor of English
School of Applied Science and Humanities
Haldia Institute of Technology, Haldia, India
(Co-ordinator's no.-9007346093)

ORGANIZING COMMITTEE

Dr. Anjan Mishra (Registrar of HIT, Haldia)
Professor (Dr.) Goutam Bose (HOD, ME Dept, HIT, Haldia)
Professor (Dr.) Soumen Paul (HOD, IT Dept, HIT Haldia)