



Anugrah Memorial College, Gaya

(A constituent unit of Magadh University, Bodh Gaya)



One Day International Webinar

on

"Growing Impact of Ethical and Trusted Artificial Intelligence/ML in Public Health Care Systems"

Date : 29th - September - 2021
Entry Time : 09:30 AM



Organized Jointly By
Department of Physics and Department of Computer Applications and IT.



Chief Patron
Prof. Rajendra Prasad
 Hon'ble Vice Chancellor
 M. U. Bodh-Gaya



Patron
Dr. S. K. Srivastava
 Principal
 A. M, College, Gaya



Organizing Secretary
Dr. Ajay Kumar Singh
 Associate Prof.
 Deptt. Of Physics - cum -
 Controller of Examinations



Keynote Speaker 1
Dr. Sushant Singh
 Head of Artificial Intelligence
 Competency
 Artificial Intelligence &
 Analytics
 Health Care & Life Sciences
 Virtusa Corporation, MA, USA
 Ph.D. (USA); Ph.D. (India)
 Jawaharlal Nehru Fellow, India



Keynote Speaker 2
Dr Vinoy Singh
 MBBS [Hon], MS
 [Surg], MIT (MAHE),
 MCA [SMU],
 Sr Consultant,
 Healthcare,
 Medicare & Clinical
 Informatics



Distinguish Speaker
Prabhash Kumar
 Database and
 Infrastructure Architect
 Kyndryl, Bangalore



**Distinguish
 Speaker**
A. Chaterjee
 Assistant Prof
 Deptt. Of Mathematics
 KLS College, nawada



Speaker
Dr. Neeraj Kamal
 Assistant Prof.
 Deptt. of Physics



Speaker
Arif. Md. Sattar
 Assistant Prof.
 Deptt. of CA/IT



Dr. R. R. Pandey
 Assistant Prof. - cum
NO, Deptt. Of
 Chemistry



Dr. A. Ghosal
 Assistant Prof. -
 cum - PRO, Deptt.
 Of English



Program Coordinator
Dr. Narendra Kumar
 Assistant Prof.
 Deptt. Of CA/IT

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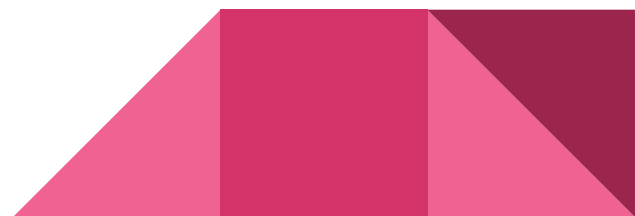
Sanjiw Kumar, Assistant Prof. Deptt. Of Computer Applications and IT

Shambhu Kumar, Assistant Prof., Deptt. Of Education

Malay Kumar, Assistant Prof. Deptt. Of Computer Applications and IT

Documentation In - Charge

Sanjiw Kumar, Assistant Prof., Deptt. Of Computer Applications and IT



Briefing Note

AI has countless applications in healthcare. Whether it is being used to discover links between genetic codes, to power surgical robots or even to maximize hospital efficiency, AI has been a boon to the healthcare industry. With digitalization disrupting every industry, including healthcare, the ability to capture, share and deliver data is becoming a high priority. Machine learning, big data and artificial intelligence (AI) can help address the challenges that vast amounts of data pose. Machine learning can also help healthcare organizations meet growing medical demands, improve operations and lower costs.

Beside, machine learning innovation can help healthcare practitioners detect and treat disease more efficiently and with more precision and personalized care. Machine Learning is one of the most common forms of AI. It processes and finds patterns in large data sets to enable decision-making. Machine learning applications consist of algorithms which is a collection of instructions for performing a specific set of tasks. The algorithms are designed to learn from the data independently, without human intervention. Over time, machine learning algorithms improve their prediction accuracy without requiring programming.

Machine learning applications can potentially improve the accuracy of treatment protocol and health outcomes through algorithmic processes. For example, deep-learning is a type of complex machine learning that mimics how the human brain functions, is increasingly being used in radiology and medical imaging. Using neural networks that can learn from data without any supervision, deep learning applications can detect, recognize and analyze cancerous lesions from images. Faster processing speeds and cloud infrastructures allow machine learning applications to detect anomalies in images beyond what the human eye can see, aiding in diagnosing and treating disease.



Program Schedule

Time	Lecture/Hands-on/Slide Lecture/Recorded Video	Speaker
09:45 AM	Inaugural Speech	Dr. Ajay Kumar Singh, Deptt. Of Physics.
09:50 AM	Presidential Speech	Dr. S. K. Srivastava, Principal.
10:00 AM	Keynote Speech - I	Dr. Sushant Singh
11:00 AM	Tea Break	-----
11:15 PM	Keynote Speech	Dr. Vinoy Singh
12:15 PM	Refreshment	-----
12:35 PM	Distinguish Speech	Prabhash Kumar
12:50 PM	Distinguish Speech	Dr. A. Chaterjee
01:20 PM	Speech	Dr. Neeraj Kamal
01:35 PM	Lunch Break	-----
02:05 PM	Speech / Hans-on	Dr. Narendra Kumar
2:20	Vote of Thanks	Dr. A. Ghosal

Additional Information

- All eligible participants will get e-certificate
- Time slot may change as per the various reasons/circumstances
- All the participants must attend 75 percent of total time or more of all the sessions to be eligible for e-certificate.
- The e-certificate will be mailed on registered Mail-ID of participant.
- Link for the event will be shared.

Registration Link:

https://docs.google.com/forms/d/e/1FAIpQLSevIFC_Qy68wt-0ipJOT3edoQL6UkWQDd2pX589mskzT-tQgA/viewform?usp=sf_link

[Click here for registration](#)

Platform for Virtual Event: ZOOM

