



Indian Institute of Technology Jammu & Indian Institute of Technology Kanpur



Online Workshop on Artificial Intelligence in Healthcare

Motivation: Artificial intelligence is widely believed to play a transformational role in healthcare, both in primary as well as in the advanced level. By leveraging AI for clinical decision support, risk assessment, and early prediction, developing revolutionary approach along with data analysis healthcare innovation can be both cheaper and faster. Artificial intelligence could help mitigate the impacts of this severe deficit of qualified clinical staff by taking over some of the diagnostic duties typically allocated to humans. This workshop envisions to bring on the state of the art in this rapidly moving research area to the students, researchers and industry partners and make impact in shaping of future directions.

Thematic Areas

- AI and ML— Applications and Foundations
- AI for Disease Diagnosis
- Natural Language Processing and Data
- Analytics in Healthcare
- Interpretability in Machine Learning
- Augmenting Clinical Workflows
- Integrated Approach to Hospital Management

Target Audience

- Undergraduate Students
- Post Graduate Students
- Research Scholars
- Teachers/Faculties from Engineering Schools/Colleges
- Industry Enthusiasts

Important Dates: 11th to 14th March 2021

Registration fees: The course registration fee is 100 Rs. The participants will be issued participation certificate through email. Registration link : <https://forms.gle/kBAaZpYzpaFZ89AZ8>

Distinguished Speakers and Experts

- Prof. Devdatt Dubhashi, Sweden
- Dr. Vipul Arora, IIT Kanpur
- Prof. P. K. Yalavarthy, IISc. Bengaluru
- Prof. Suryakant, KL University, Vijayawada
- Prof. Debendra K Tripathy, AIIMS Rishikesh
- Dr. Karan Nathwani, IIT Jammu
- Prof. Rajesh Hegde, IIT Kanpur
- Dr. Amit Sharma, Microsoft Res., Bangalore
- Dr. Mohit Jain, Microsoft Res., Bangalore
- Dr. Vinayak Abrol, IIIT Delhi
- Dr. Yamuna Prasad, IIT Jammu
- Dr. Dharitri Rath, IIT Jammu

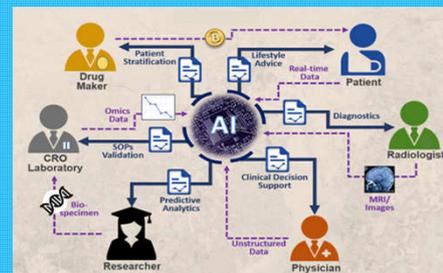
Patron

Prof. Manoj Singh Gaur
Director, IIT Jammu

Coordinators

Dr. Dharitri Rath, CHE,  dharitri.rath@iitjammu.ac.in
 Dr. Karan Nathwani, EE,  karan.nathwani@iitjammu.ac.in
 Dr. Vipul Arora, EE,  vipular@iitk.ac.in

Jointly Organized by
Indian Institute of Technology Jammu
&
Indian Institute of Technology Kanpur



DISTINGUISHED SPEAKERS



Prof. Devdatt Dubhashi
Chalmers University, Sweden



Prof. Rajesh M. Hegde
IIT Kanpur



Prof. P. K. Yalavarthy
IISc Bengaluru



Prof. Suryakant Gangashetty
K L University



Dr. Amit Sharma
Microsoft Research



Dr. Vipul Arora
IIT Kanpur



Dr. Mohit Jain
Microsoft Research



Dr. Vinayak Abrol
IIIT Delhi



Dr. Karan Nathwani
IIT Jammu



Prof. Debendra K Tripathi
AIIMS Rishikesh



Dr. Yamuna Prasad
IIT Jammu



Dr. Dharitri Rath
IIT Jammu

11th-14th March 2021

Workshop on AI in Healthcare

Dear all,

The advent of artificial intelligence in the technology arena has not only transformed the overall dynamics of various engineering applications, but also provides endless opportunities to leverage this technology in the healthcare sector to deliver more reliable, precise and efficient contributions towards patient care. Moreover, with the digitalisation approach, huge volumes of data is being generated at a staggering rate and with this, artificial intelligence is poised to be the engine that drives improvements across the healthcare continuum.

AI can be used for clinical decision support, risk assessment, and early prediction, along with a revolutionary approach for data analysis and providing both cheaper and faster services, helping to mitigate the impacts of the severe deficit of qualified clinical staff by taking over some of the diagnostic duties typically allocated to humans. We, a group of enthusiastic researchers at IIT Jammu and IIT Kanpur, are trying to disseminate the current state of the art in this rapidly moving research area to the students, researchers and intended industry partners and make some impact in shaping future directions. We are arranging an online workshop on, “**Artificial Intelligence in Healthcare**”, from **11th-14th March 2021** jointly by the Department of IIT Jammu and IIT Kanpur. Distinguished experts from the academia-industry from India and abroad have kindly agreed to deliver talks, share their research and provide insights to the UG, PG and research scholars as well as people from industry. Please see the **attached flyer and speaker template** for more information on the topics being covered and about the distinguished speakers along with the **registration details**. We will also provide a **certificate of participation** to the delegates upon satisfactory attendance during the deliberations of the lectures and hands on training sessions.

I, on behalf of the organising committee would like to request you to please share this information among your groups on various platforms and also with students so that it can get wide publicity.

The link for the online registration form is as follows:

<https://forms.gle/kBAaZpYzpaFZ89AZ8>

Once again, I would like to request you to share among the students and groups.

Thank you very much for your time.

With warm regards,

Karan Nathwani (IIT Jammu)

Dharitri Rath (IIT Jammu)

Vipul Arora (IIT Kanpur)