

ONE DAY WORKSHOP
On
ARTIFICIAL INTELLIGENCE (A.I)

Hackathon-2021

Under the banner of
**CSE Department and Hacking Club at National
Institute of Technology Patna**

8th November, 2021



Patron

Prof. P. K. Jain
Director, NIT Patna

Convenor

Prof. Abhay Kumar
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Coordinators

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Organized by

Hacking Club, National Institute of Technology Patna,
Patna- 800005. India.

Supported by

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India.

About NIT Patna

National Institute of Technology Patna is the 18th National Institute of Technology created by the Ministry of H.R.D. Government of India after rechristening the erstwhile Bihar College of Engineering Patna on 28.01.2004. NIT Patna marked its humble beginning in 1886 with the establishment of pleader's survey training school which was subsequently promoted to Bihar College of Engineering Patna in 1924. This made this institute the 6th oldest Engineering Institute of India. The Institute is situated on the south bank of holy river Ganges behind Gandhi Ghat (where the ash of father of the Nation, Mahatma Gandhi was offered in the river Ganges). The campus has a picturesque river view with historic buildings presenting a spectacle of architectural delight and natural beauty. The Institute imparts high level education training, research and development in science, engineering technology and humanities along with high quality education and values at UG, PG and Ph.D. level. At present the Institute offers courses in six major technical disciplines viz. Architecture, Civil Engineering, Computer Science & Engg., Electrical Engg., and Electronics & Communication Engg. And Mechanical Engg. It also consists of well-established departments of Physics, Chemistry, Mathematics and Humanities and Social Sciences.

Hacking Club

Hacking Club is one of the best club of NIT Patna. The Hacking Force is an active group of developers and programmers who are responsible for the maintenance of the institute website and the development, administration and updation of most of the content on the institute intranet. Being a part of the Web Team is a steep learning experience as it throws up new challenges everyday and there is always another project around the corner for anyone with the drive and knowledge to try it out.

Objective and Scope

AI Workshop unites the AI researchers and engineers with the users who innovate with their AI products. By interacting more directly, these groups produce new ideas, ask hard questions, and provide honest feedback. AI Workshop is not stagnant. We aim to launch new content regularly and rapidly. Our researchers and engineers update and improve their experiments based on your feedback and tests. We expect that some of these experiments will graduate to become new products and that some won't — and we're OK with that. In general, more technically advanced users will reap the most benefit from experiments. They will be able to set up, run, evaluate, and troubleshoot our more sophisticated experiments.

Objectives of the Program

- To impart an understanding Artificial Intelligence.
- To expand the existing knowledge on computer vision
- To introduce some cutting edge research trends in the field of AI .
- To make a project on AI.

Topics to be covered

The following topics will be covered in the program: Machine Learning, Neural Networks, Robotics, Speech Processing, Computer Vision.

Resource Persons

1. Prof. U. Kumar, IISc Bengaluru.
2. Prof. R. Sarathi, IIT Madras.
3. Prof. N. Gupta, IIT Kanpur.

One-Day Workshop includes

Workshop will be taken by a group of experts from India and Abroad with the experience ranging from several years to several decades in delivering sessions in India and abroad. The training hour is 10-12 hours. Mode of training is Instructor-led liveonline.

- **10 Hours Instructor-led live online Hands-on based learning & Interactive Query Session.**
- Soft copy of study material, Training PPTs & Projects code
- Participants will get recorded sessions after completion of training

E-Certificates will be given to participants who have attended the workshop.

Who Can Participate

Anyone with a knack for A.I

Registration Fee

FREE FOR ALL.

Registration Process

1. Registration QR Code:



2. The brochure of the program may be downloaded from the Institute website www.nitp.ac.in.
3. **Registration deadline: 5th November , 2021 11:59 PM (IST)**

Total 100 seats and the selection will be done on first-cum-first-serve basis.



Artificial Intelligence

What we will do

Projects

Develop

Learn