



# NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

APPROVED BY AICTE, NEW DELHI AND DEPT OF SCIENCE & TECHNOLOGY, GOVT. OF BIHAR  
AFFILIATED TO ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA  
AMHARA, BIHTA, PATNA-801118, BIHAR

Session 2019-2020

Date: 28-May-2020

## Notice

This is to inform all staff and students that Computer Science and Engineering department is organizing “**One week online workshop on Introduction to Machine Learning**” from 04 June 2020 to 10 June 2020. The details of registration for the event are available on college website. The registration fee is Rs.500/-.The interested Student should register their name on or before 01<sup>st</sup> June, 2020.

*R.K. Singh*

Dean, NSIT

**Dean (Academics)**

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna.



Copy to:

1. Director, NSIT
2. Dean, NSIT
3. Notice Board
4. College website

*S. Singh*

**Director**

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna, Bihar  
PIN-801106



**Netaji Subhas  
Institute of Technology**



# One Week Online Workshop on **INTRODUCTION TO MACHINE LEARNING**

Presented by CSI Student Branch, NSIT, Patna



**JUNE 4-10, 2020**



**5.00PM-7.30PM**

**Day 1: Introduction to Machine Learning**

**Day 2: Introduction to python**

- ➔ Pandas, Numpy, Sklearn, Keras

**Day 3: Application1: SMS spam Identification-I (Algorithm View)**

- ➔ Logistic regression
- ➔ SVM
- ➔ Decision tree
- ➔ Naïve Bayes
- ➔ ANN
- ➔ Random Forest

**Day 4: Application1: SMS Spam Identification-II (Hands-on)**

**Day 5: Application2: Disaster Management using Twitter-I**

- ➔ CNN
- ➔ RNN

**Day 6: Application2: Disaster Management using Twitter-II (Hands-on)**



*Resource Person*

**Dr. Sunil Saumya**

Assistant Professor, IIIT Dharwad

For Registration Scan



Link: [http://bit.ly/CSI\\_ML](http://bit.ly/CSI_ML)

Contact: 8271309236

*J. Singh*  
**Director**  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna, Bihar  
PIN-801106

*R.K. Singh*  
**Dean**  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

*Dean C.R.K. Singh*



Computer Science & Engineering Department <hodcse@nsiterp.in>

## Report and Expenses of One Week Online Workshop on Machine Learning

3 messages

Gopal Krishna <gopal.cse@nsiterp.in>

To: deanacademics@nsiterp.in, aniketkumardutt@gmail.com, hodcse@nsiterp.in

Sat, Jun 27, 2020 at 10:40 PM

Dear Sir/Madam,

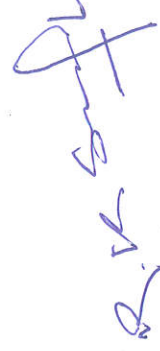
I would like to express my gratitude towards Dr. Aniket Dutt, Dean Academics, Mr. R K Singh, Dean Administration, Mrs. Sarita Chaudhary, HOD, CSE and all faculty members of CSE Dept. for their participation, coordination and support throughout the workshop. It was really a useful & learning experience for me and participants as well. Students and faculties from more than 10 colleges of India participated in this workshop including RVS Jamshedpur, LOCIET Mumbai and AP Shah college of engineering, Mumbai, PWC, ISM, IGNOU, NOU, BIT Meshra, LNMI and others. Here, I am attaching the registration list and media report prepared by me for One Week Online Workshop (7 Days) on Machine Learning organized by CSI Student Branch & CSE Dept. NSIT. Please find the attachment.

- Total Collected Amount from Registration: Rs. 21,000/-
- Honorarium amount paid to the Resource person, Dr. Sunil Saumya, Asst. Prof., IIIT Dharwad: Rs. 15000/- (for 6 days)
- Honorarium Amount paid to the Keynote Speaker, Prof. A K Nayak: Rs.2000/-
- Amount spent in online promotion: Rs. 200/-
- Coordination amount kept by Mr. Gopal Krishna: Rs. 3800/-

**Thanks & Regards**

Gopal Krishna  
Assistant Professor, CSE  
NSIT, Patna.

  
**Director**  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna, Bihar  
PIN-801106



2 attachments

 ML-Workshop\_Final.xlsx  
15K

 नेताजी सुभाष इंस्टीट्यूट ऑफ टेक्नोलॉजी द्वारा ऑनलाइन वर्कशॉप मशीन लर्निंग का आयोजन किया गया.pdf  
370K

**Dean**  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

1/12/24, 1:37 PM

NETAJI SUBHAS INSTITUTE OF TECHNOLOGY Mail - Report and Expenses of One Week Online Workshop on Machine Learning

**aniket dutt** <aniketkumardutt@gmail.com>

To: Gopal Krishna <gopal.cse@nsiterp.in>

Cc: deanacademics@nsiterp.in, hodcse@nsiterp.in

Sat, Jun 27, 2020 at 10:58 PM

Thank you for your mail. It was good workshop. Thank you everyone for their contributions. Hopefully we may conduct more workshops in future.

Regards, Aniket

[Quoted text hidden]

--

Regards

Aniket Kumar Dutt

PhD Scholar

Department of Materials Science and Engineering

University of North Texas

TX, USA-76201

---

**Gopal Krishna** <gopal.cse@nsiterp.in>

To: aniket dutt <aniketkumardutt@gmail.com>


Cc: deanacademics@nsiterp.in, hodcse@nsiterp.in

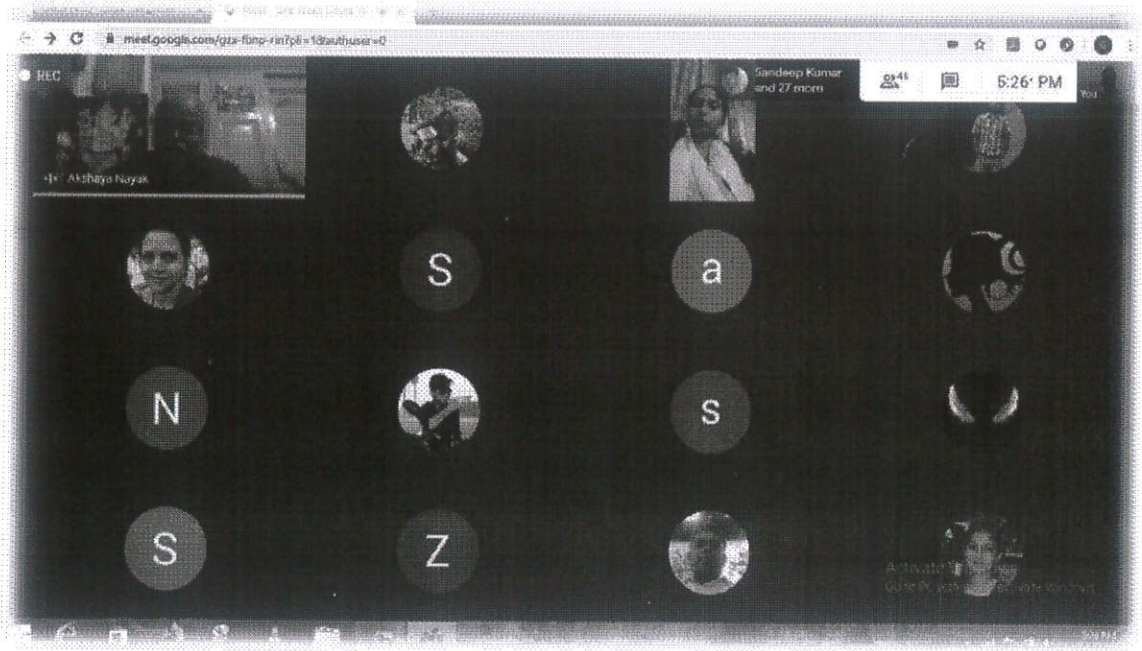
Sat, Jun 27, 2020 at 11:22 PM

Most welcome sir.

[Quoted text hidden]

  
**Director**  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna, Bihar  
PIN-801106

  
**Dean**  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



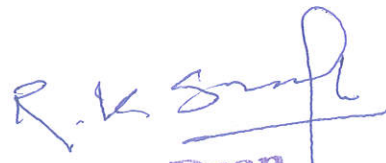
*R. K. Singh*

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

*J. Singh*  
Director  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna, Bihar  
PIN-801106

## नेताजी सुभाष इंस्टीट्यूट ऑफ टेक्नोलॉजी द्वारा ऑनलाइन वर्कशॉप मशीन लर्निंग का आयोजन किया गया

4 जून 2020; नेताजी सुभाष इंस्टीट्यूट ऑफ टेक्नोलॉजी, पटना और कंप्यूटर सोसाइटी ऑफ इंडिया ने संयुक्त रूप से सफलतापूर्वक मशीन लर्निंग विषय पर एक सप्ताह की ऑनलाइन कार्यशाला की शुरुआत की। कार्यशाला का उद्घाटन सीएसआई के पूर्व अध्यक्ष और बोर्ड ऑफ स्टडीज , एआईसीटीई के सदस्य प्रो. ए के नायक ने किया। उन्होंने मुख्य रूप से कृत्रिम बुद्धिमत्ता और मशीन लर्निंग के विकास और उन्नति पर प्रकाश डाला। इस कार्यशाला के मुख्य प्रशिक्षक डॉ. सुनील सौम्या, ट्रिपल आईटी, धारवाड़, कर्नाटक के सहायक प्रोफेसर हैं। पहले दिन उन्होंने मशीन लर्निंग के विभिन्न उपकरणों और अनुप्रयोगों पर ध्यान केंद्रित किया। इस कार्यशाला की मेजबानी एनएसआईटी के सहायक प्रोफेसर और कंप्यूटर सोसायटी ऑफ इंडिया के राज्य छात्र समन्वयक श्री गोपाल कृष्ण ने गूगल मीट के माध्यम से की। कार्यशाला को सीएसआई क्षेत्र -2 के क्षेत्रीय उपाध्यक्ष प्रो शम्स रजा और एनएसआईटी के डीन एकेडमिक्स डॉ. अनिकेत दत्त और श्री त्रिलोकी नाथ ने भी संबोधित किया। यह कार्यशाला 10 जून तक आयोजित की जाएगी। कार्यशाला में भारत के विभिन्न कॉलेजों के शिक्षकों और छात्रों ने भाग लिया। इनमें से कुछ उल्लेखनीय ए पी शाह इंस्टीट्यूट ऑफ टेक्नोलॉजी मुंबई , बीआईटी मेसरा, आरवीएस जमशेदपुर, इग्नू, पटना वीमेंस कॉलेज, एलएनएमआई, आईएसएम पटना, नालंदा ओपन यूनिवर्सिटी, लोकमान्य तिलक कॉलेज ऑफ इंजीनियरिंग नवी मुंबई और कई अन्य थे। एन एसआईटी लगातार इस लॉकडाउन अवधि में विभिन्न ऑनलाइन कार्यक्रमों , वेबिनार और कार्यशाला का आयोजन कर रही है।

  
**Dean**  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

**Director**  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna, Bihar  
PIN-801106

## One Week Online workshop on Introduction to Machine Learning

**Organized By:** Department of CSE

**Participated by:** 4<sup>th</sup>, 6<sup>th</sup> & 8<sup>th</sup> Semester Students of CSE

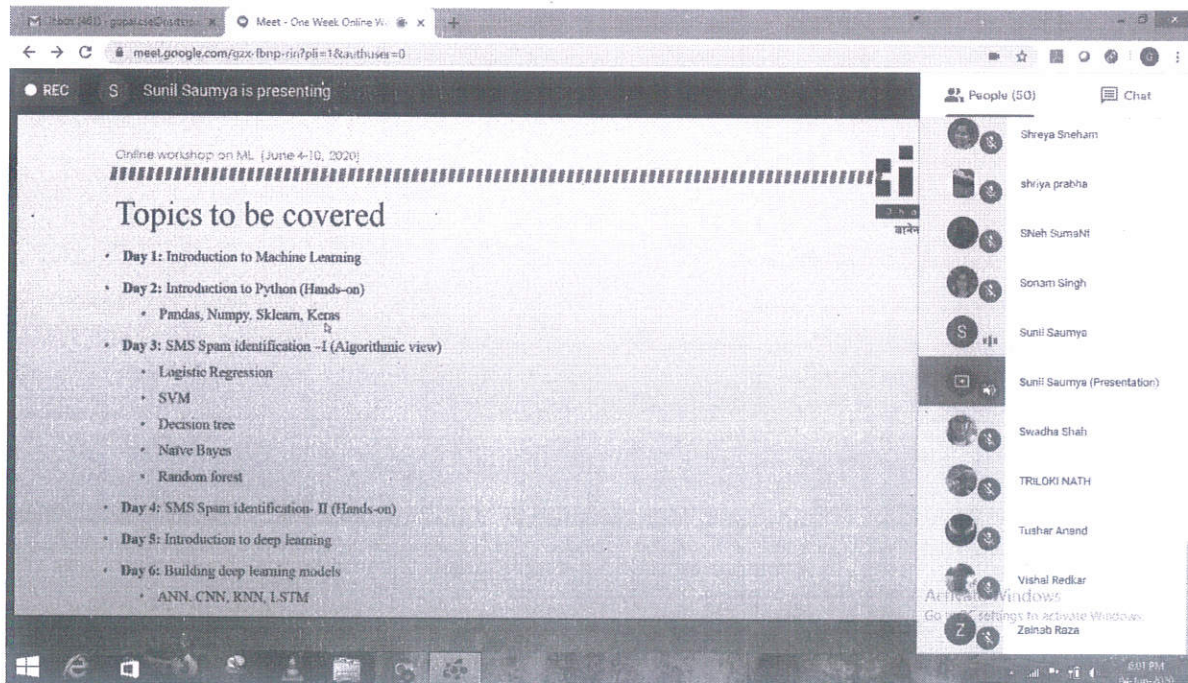
**Venue:** Online Mode

**Duration:** 4<sup>th</sup> to 10<sup>th</sup> June, 2020

**Resource Person:** Dr. Sunil Saumya, Assistant Professor of IIIT, Dharwad

### Summary:

Netaji Subhas Institute of Technology, Patna in association with Student Branch of Computer Society of India at NSIT successfully started "One Week Online Workshop on Machine Learning. The workshop was inaugurated by Prof. A K Nayak, the Immediate Past President of the Computer Society of India, and Member, Board of Studies CS & IT, AICTE Govt. of India. He mainly highlighted the evolution and advancement of artificial intelligence and machine learning. The resource person of this workshop is Dr. Sunil Saumya, Assistant Professor of IIIT, Dharwad, Karnataka. On the first day, he focused on the various tools and applications of the machine learning. This workshop was hosted by Gopal Krishna, State Student Coordinator of Computer Society of India and Assistant Professor of NSIT through Google Meet. The webinar was also addressed by Prof. Shams Raza, Regional Vice President, CSI Region-2 and Dr. Aniket Dutt, Dean Academics, NSIT and Mr. Triloki Nath, Assistant Professor, NSIT. The workshop was attended by teachers and students from various colleges of India. Some of these notable ones were NSIT, AP\_Shah\_Institute\_of\_Technology, Mumbai, BITMesra, RVS\_Jamshedpur, IGNOU, Patna\_Womens\_College, LNMI, ISM\_Patna, Nalanda\_Open\_University, Lokmanya\_Tilak\_College\_of\_Engineering Navi Mumbai and many more.



*[Signature]*  
**Director**  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna, Bihar  
PIN-801106

Meet - One Week Online Workshop on ML

meet.google.com/gzx-fbnp-rin?pli=1&authuser=0

REC Sunil Saumya is presenting

People (50) Chat

Online workshop on ML (June 4-10, 2020)

### Topics to be covered

- Day 1: Introduction to Machine Learning
- Day 2: Introduction to Python (Hands-on)
  - Pandas, Numpy, Sklearn, Keras
- Day 3: SMS Spam identification - I (Algorithmic view)
  - Logistic Regression
  - SVM
  - Decision tree
  - Naive Bayes
  - Random forest
- Day 4: SMS Spam identification- II (Hands-on)
- Day 5: Introduction to deep learning
- Day 6: Building deep learning models
  - ANN, CNN, RNN, LSTM

Shreya Sneham  
ehriya prabha  
SNeH SurnaT  
Sonam Singh  
Sunil Saumya  
Sunil Saumya (Presentation)  
Swadha Shah  
TRILOKI NATH  
Tushar Anand  
Vishal Redkar  
Zainab Reza

5:01 PM 04-Jun-2020

Meet - One Week Online Workshop on ML

meet.google.com/gzx-fbnp-rin?pli=1&authuser=0

REC

Shaziya Hasan and 27 more

5:26 PM

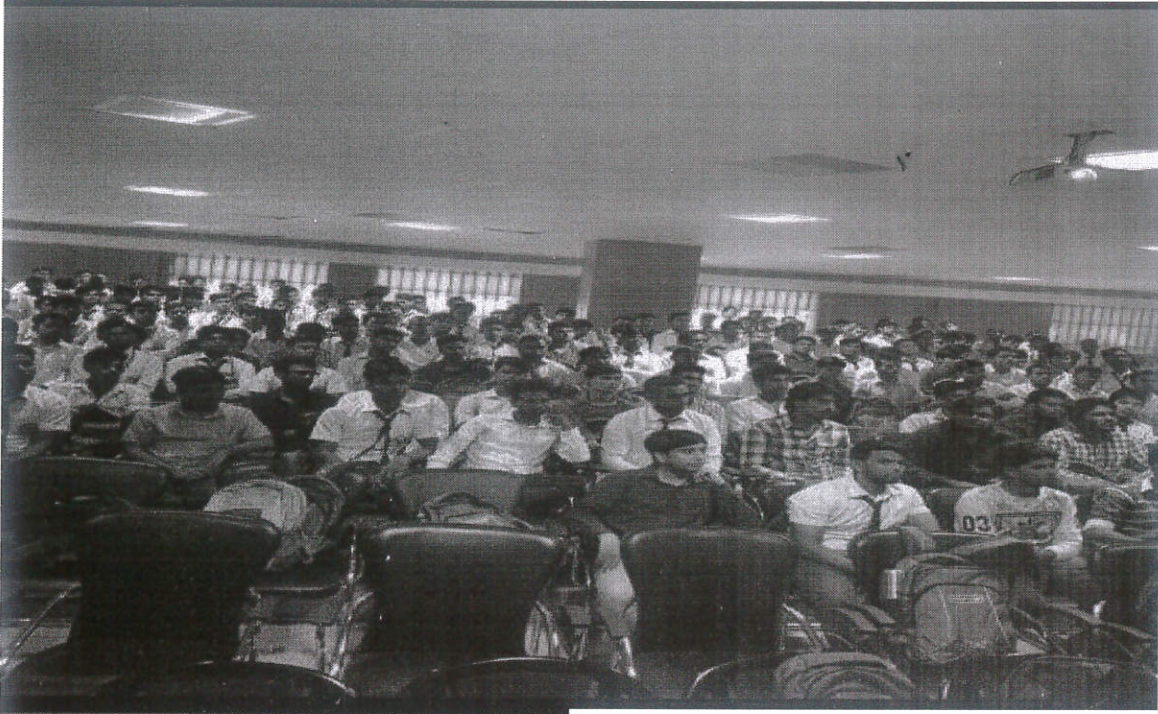
Akshaya Nayak  
TRILOK NATH  
Prakashika Kumari  
aniket dutt  
Richa Verma  
Sunil Saumya  
atul pandey  
Aakriti Arya  
NEERAJ KUMAR  
darling yuva  
shams Raza  
Tushar Anand

One Week Online Workshop on Machine Lea...

5:26 PM 04-Jun-2020

*(Signature)*  
**Director**  
 Netaji Subhas Institute of Technology  
 Amhara, Bihta, Patna, Bihar  
 PIN-801106





*I Singh*  
**Director**  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna, Bihar  
PIN-801106

