





### Webinar Schedule Confirmation

14 messages

Sandeep B <sandeepb@jnnce.ac.in> To: snehanshusaha@pes.edu, hod\_cse@jnnce.ac.in Wed, Sep 11, 2019 at 10:54 PM

Dear Snehanshu saha,

As discussed over the phone, I would like to confirm that Webinar on Neural Network will be scheduled on 24th of august 2019, 8.30 am. I will be in touch with you regarding the arrangements for the same.



Thanks and Regards

Sandeep B Asst. Prof

Dept. of CS&E, JNNCE

9886376767

Snehanshu SahaPESSEcse < Snehanshusaha@pes.edu>

Sun, Sep 15, 2019 at 10:36 PM

To: Sandeep B <sandeepb@jnnce.ac.in> Cc -CD CSE JNNCE < hod\_cse@jnnce.ac.in>

Yes. I confirm.

8.30-10:15-Lecture on Neural Nets

Please ensure students have Python 3.4 or higher installed in systems. Please share the code with students prior to the lectures:

https://github.com/mathurarchana77/MultiLayerPerceptron



[Quoted text hidden]

Snehanshu Saha, Ph.D (Univ. Of Texas-Arlington),

Senior Member-IEEE, Senior Member-ACM

Professor-Dept. Of CS & E, PES University

Chair-IEEE Computer Society Bangalore Chapter, Head-Center for AstroInformatics, Modeling and Simulation

https://www.researchgate.net/profile/Snehanshu\_Saha

https://scholar.google.co.in/citations?user=C-Qm2LcAAAAJ&hl=en

AstroInformatics: http://astrirg.org/

http://www.amazon.in/Ordinary-Differential-Equations-Structured-Approach/dp/160927704X

http://www.youtube.com/watch?v=XnWhIPidyII



PyNN.pptx 298K

#### **Jawaharlal Nehru National College of Engineering Department of Computer Science and Engineering**



Date: 16/09/2019

#### CIRCULAR

A webinar has been arranged for 7th Semester Students. The details of the programme are as follows:

Topic:

"Session1: Lecture on Neural Networks"

"Session2: Python Session"

Date:

24/09/2019

Time:

8.30 AM - 12.30 PM

Venue:

Admin Block Seminar hall, JNNCE

Resource Persons:

Session1: Professor. Snehanshu Saha, Ph.D Professor-Dept. Of CS & E, PES University Session2: Professor.Archana Mathur Assistant Professor-Dept. Of CS & E, NMIT

Students are informed to attend the training programme and use it for the development of mini project.

**Faculties** 

HOD, CSE

Mr. Sandeep B Mrs. Namitha M.V

Profile

Dr. Archana Mathur Archana Mathur completed her doctoral dissertation in Machine Learning and Applications in Scientometrics in 2019.

She was a project fellow at Indian Statistical Institute Bangalore and holds Masters in Computer Science from UVCE.

She topped her class in M.Tech and had 8th rank in PGCET, Karnataka. She is an active researcher in Deep Learning and applications.

Archana is a member of IEEE Computer Society Execomm Bangalore and Senior assistant professor in Nitte Meenakshi Institute of Technology and Management. She's also associate editor of T. Stientometric research.

Profile

#### Dr. Snehanshu Saha

Snehanshu Saha holds Masters Degree in Mathematical and Computational Sciences at Clemson University, USA and Ph.D. from the Department of Applied Mathematics at the University of Texas at Arlington in 2008. He was the recipient of the presitigious Dean's Fellowship during PhD. After working briefly at his Alma matter, Snehanshu moved to the University of Texas El Paso as a regular full time faculty in the Department of Mathematical Sciences.

He is a Professor of Computer Science and Engineering at PES University since 2011 and heads the Center for AstroInformatis, Modeling and Simulation.

He is also a visiting Professor at the department of Statistics, University of Georgia, USA and BTS Pilani, India. He has published 90 peer-reviewed articles in top-tier International journals and

conferences and authored two text books on Differential Equations and System Sciences respectively. Dr. Saha is an IEEE Senior member, ACM Senior Member, Vice Chair-International Astrostatistics Association and Chair, IEEE Computer Society Bangalore Chapter.

He's Editor of the Journal of Scientometric Research. Dr. Saha's current and future research interests lie in Data Science, Astronomy and theory of Machine Learning.



### Jawaharlal Nehru National College of Engineering



### **Department of Computer Science and Engineering**

Topic:	Session1:Lecture on Neural Networks Session2:Python Session	Venue:	Admin block Seminar Hall
Date	24/09/2019	Resource Person:	Session1: Professor. Snehanshu Saha, Ph.D  Professor-Dept. Of CS & E, PES University
and time:	Session1: 8:30 to 10:15		Session2: Professor.Archana Mathur
	Session2: 11:30 to 12:30		Assistant Professor-Dept. Of CS & E, NMIT

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### **Jawaharlal Nehru National College of Engineering**

### **Department of Computer Science and Engineering**

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# Jawaharlal Nehru National College of Engineering Department of Computer Science and Engineering



## **Student Feedback Analysis**

Partial delivery of Machine Learning topic "Working of Neural Network"

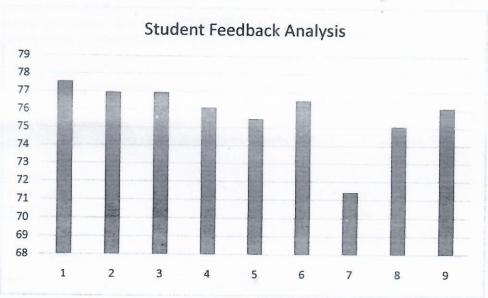
From

Dr. SnehanshuSaha, Professor, PES University, Bangalore Timings: 08.30 AM to 10.30 PM

### Partial delivery of Implementation of Neural Network

From

Hands on by Prof. ArchanaMathur, Asst. Prof., NMIT, Bangalore Timings: 10.30 AM to 12.30 PM



#### Parameters considered

1	Technical Knowledge	77.55	PO1
2	Problem Analysis ability	76.94	PO2
3	Design and development ability	76.94	PO3
4	Discussed real world problems		PO4
5	Demonstration and use of new tool	75.51	PO5
6	Understand the Professional and ethical responsibility	76.53	PO6,PO7
7	Any individual or group task assigned	71.43	PO9
8	Hands-on improved your practical knowledge on the subject	75.1	PO1
9		76.12	PO12



Archana\_bio.TXT

Snehanshu SahaPESSEcse <Snehanshusaha@pes.edu>

Mon, Sep 23, 2019 at 8:39 AM

To: Sandeep B <sandeepb@jnnce.ac.in>

Cc: HOD CSE JNNCE <hod\_cse@jnnce.ac.in>, Archana Mathur <mathurarchana77@gmail.com>

IMPORTANT NOTE: Videos need to be killed from both ends, otherwise scree sharing doesn't work in Skype. [Quoted text hidden]

Snehanshu SahaPESSEcse <Snehanshusaha@pes.edu>

Tue, Sep 24, 2019 at 6:44 AM

To: Sandeep B <sandeepb@jnnce.ac.in>

Cc: HOD CSE JNNCE <hod\_cse@jnnce.ac.in>, Archana Mathur <mathurarchana77@gmail.com>

Please send some pictures from today.

[Quoted text hidden]

HOD CSE <hod\_cse@jnnce.ac.in>

Fri, Sep 27, 2019 at 11:04 AM

To: Snehanshu SahaPESSEcse < Snehanshusaha@pes.edu>

Cc: sandeepb@jnnce.ac.in, Archana Mathur <mathurarchana77@gmail.com>

I thank you for partial delivery of topics of course Machine Learning for 7th sem cse branch students which was conducted on 24/9/19. Students expressed that your session was interesting and material provided by you helped them a lot . Thank you for guiding our students. Also i thank resource person Ms Archana for hands on session. We will send you both appreciation certificate.

Thanks and Regards Dr. Nirmala Shivanand Prof &hod, CS&E Dept **JNNCE** Shimoga



[Quoted text hidden]

Snehanshu SahaPESSEcse <Snehanshusaha@pes.edu>

Fri, Sep 27, 2019 at 7:16 PM

To: HOD CSE <hod\_cse@jnnce.ac.in>

Cc: Sandeep B <sandeepb@jnnce.ac.in>, Archana Mathur <mathurarchana77@gmail.com>

Please send appreciation certificate in favor of IEEE Computer Society Bangalore Chapter. You can mention my and Dr. Mathur's name there. A PDF should be enough!

[Quoted text hidden]

Snehanshu SahaPESSEcse < Snehanshusaha@pes.edu>

Fri, Sep 27, 2019 at 8:08 PM

To: HOD CSE <hod\_cse@jnnce.ac.in>

Cc: Sandeep B <sandeepb@jnnce.ac.in>, Archana Mathur <mathurarchana77@gmail.com>

Once again, I'm emailing all resources that students may find helpful



Ensemble.ppt

📓 GAN-A Mathematical insight.pdf



### Webinar Schedule Confirmation

Sandeep B <sandeepb@jnnce.ac.in>

Sat, Oct 5, 2019 at 12:54 AM

To: Snehanshu SahaPESSEcse <Snehanshusaha@pes.edu>

Cc: HOD CSE <hod\_cse@jnnce.ac.in>, Archana Mathur <mathurarchana77@gmail.com>

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#### 8 attachments



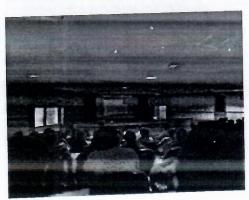
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### Jawaharlal Nehru National College of Engineering Department of Computer Science and Engineering



### Proceedings of Webinar(Partial delivery of Machine Learning)

## "Lecture on Neural Networks and Python hands-on"

Date and Venue:

24th Sept'19, Admin block Seminar Hall, JNN College of Engineering, Shivamogga

Resource Person:

Session1: Professor SnehanshuSaha, Ph.D

Professor-Dept. Of CS&E, PES University, Bengaluru

Session2: Professor ArchanaMathur

Assistant Professor-Dept. Of CS&E, NMIT, Bengaluru

Participants:

Students of B.E.7th Sem.

The Programme started with aformal welcome and introduction of the resource person Professor. SnehanshuSaha. Dept of CS&E, PES University by AkshayYadav, 7th B, CS&E at 8.30 AM. Immediately after that the Session1 began. The basic unit of artificial neural network perceptron was explained. The Concept of linear separability was told with an example. The perceptron training rule, Gradient Descent and the Delta rule was discussed. Derivation of the gradient descent rule was done. The session1 was concluded with derivation of the Backpropagation Rule at 10:30. Followed by interaction with students. Thanks giving was done by Madhura V M, 7th A, CS&E..

Second session of the webinar started at 11.30AM after a break for 1 hr.The introduction of the resource personProfessor.ArchanaMathur. Assistant Professor-Dept. Of CS&E, NMIT, Bengaluru was done by Madhura V M,7th A, CS&E. The session2 had quick recap of session1 followed by briefing of lists and dictionary data structures of python. Step by step implementation of ANN using backpropagation was taught, same was followed by students through preinstalled python in their laptops. The session was going in a very steady pace. Good amount of timely interaction by Professor.ArchanaMathurwas appreciable. The session was concluded by a Q&A slot, Followed by Thanks giving to Professor.ArchanaMathur by Mrs. Namitha M.V, Assistant Professor-Dept. Of CS&E, JNNCE.

Thus, a partial delivery was successfully completed for 7th Semester students as a part of Machine Learning Course. The students were motivated and benefited by the experts.

HOD (LS E)