



**REPORT**

**Topic of FDP**

**Date: , Institute Name**

**AICTE TRAINING AND LEARNING ACADEMY, PUNE**

## ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING WORKSHOP

AI/ML 5-Days AICTE sponsored workshop was conducted from 13<sup>th</sup> to 17<sup>th</sup> December 2019 in which around 100 participants from different parts of the country participated.

The speakers for the 5-day workshop on “ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING” were:

Dr. Aprajita Ojha CSE, Professor, IIITDM Jabalpur



Designation: Professor IIITDM Jabalpur

Dr. Pooja Jain, HoD, CSE, IIIT Nagpur



### **Education**

- PhD in Knowledge Management Systems from JUIT, Solan (2013)
- M. Tech. in CSE from IIIT Allahabad (2005)
- B. E. in Computer Technology from RGPV Bhopal (2003)

### **Experience**

- 2018 to till date – Assistant Professor, IIIT Nagpur
- 2015 - 2018 - Assistant Professor, IIIT Kota
- 2009 - 2015 - Assistant Professor, JUIT Solan
- 2007 - 2009 - Software Engineer, CSC India Pvt Ltd.
- 2005 - 2007 - Software Engineer, IBM India Pvt Ltd.

Dr. Jitendra V Tembhone, CSE, IIIT Nagpur



### Education

- PhD in Parallel Computing from VNIT, Nagpur (2017)
- M.E. in CSE from MGMCoE, Nanded (2011)
- B. E. in Computer Technology from KITS, Ramtek, Nagpur (2003)

### Experience

- 2018 to till date – Assistant Professor, IIIT Nagpur
- 2016 – 2018 – Assistant Professor, SVPCET, Nagpur
- 2007 – 2011 – Assistant Professor, KITS, Ramtek, Nagpur
- 2005 – 2006 – Lecturer, KITS, Ramtek, Nagpur

Dr. B. Surendiran



Associate Dean (Academics), Dept of CSE, National Institute of Technology (NIT) Puducherry

Dr. Tapan Kumar Jain, ECE, IIIT Nagpur



### Education

- PhD in Wireless Sensor Network from JUIT, Solan (2016)
- M. Tech. in ECE from COEP (2005)
- B. E. in Electronics and Telecommunication Engineering from RGPV, Bhopal (2001)

### Experience

- July 2018 to till date - Assistant Professor, IIIT Nagpur
- July 2015 - July 2018 - Assistant Professor, IIIT Kota
- August 2009 - July 2015 - Assistant Professor, JUIT Solan
- 2007 - August 2009 - Sr. Software Engineer, CRMnext India
- July 2005 - May 2009 - Software Engineer, KLA Tencor India Pvt. Ltd.
- July 2001 - July 2003 - Lecturer, JEC, Jabalpur

# ATAL workshop on Artificial Intelligence and Machine Learning

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Dr.Vijay Bhaskar Semwal, NIT Bhopal



**Ph.D.** (Robotics) – IIIT Allahabad  
**M.Tech.** (Wireless Communication) – IIIT Allahabad  
**B.Tech.** (Information Technology)- College of Engineering Roorkee, U.K.

The schedule of the workshop was as below-

	10:00-11:30	11:35-12:45	12:45-2:00	2:00-3:30	3:30-5
	<b>Session-1</b>	<b>Session-2</b>		<b>Session-3</b>	<b>Session-4</b>
13 Apr Mon	Inauguration at 10am. Artificial Intelligence- Dr.Pooja Jain	Machine learning and its types- Dr.Pooja Jain	Lunch	Introduction to Python	Python and hands-on
	9:30-11	11:05-12:30	12:30-2:00	2:00-3:30	3:30-5
	<b>Session-5</b>	<b>Session-6</b>		<b>Session-7</b>	<b>Session-8</b>
14 Apr Tue	Supervised Algorithms- Classification, Linear regression-Dr.Pooja Jain	Supervised Algorithm- ANN- Dr.Surendiran, NIT Puducherry	Lunch	Supervised Algorithms- Neural Networks and Decision trees-Dr.Vijay Semwal, MANIT Bhopal	Solving a real world problem with a real dataset-Dr.Vijay Semwal, MANIT Bhopal
	<b>Session-9</b>	<b>Session-10</b>		<b>Session-11</b>	<b>Session-12</b>
15 Apr Wed	Unsupervised Algorithms- Prof Aprajita Ojha, IIITDM Jabalpur	Unsupervised Algorithms- Agglomerative clustering- Dr Tapan Jain, IIIT Nagpur	Lunch	Stress Management	ML on Cloud containers- Er. Vishvesh Vijaywargiya, Nvidia
	<b>Session-13</b>	<b>Session-14</b>		<b>Session-15</b>	<b>Session-16</b>
16 Apr Thurs	Deep learning, CNN-Prof Ravindra Keskar, VNIT Nagpur	Deep learning algorithms- LSTM, RNN-Dr.Jitendra	Lunch	Natural Language Processing-Prof U S Tiwari, IIIT Allahabad	NLP challenges and their solutions
	<b>Session-17</b>	<b>Session-18</b>			

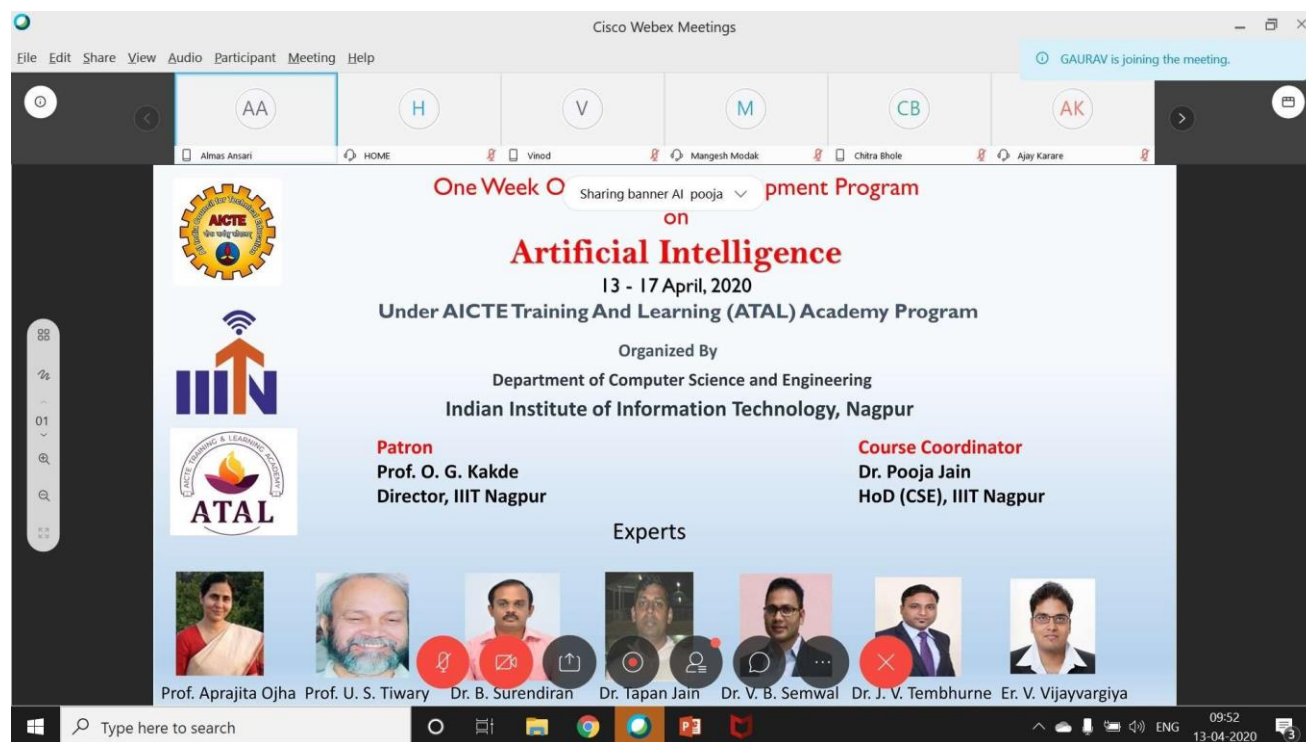
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17 Apr Fri	Hands on NLP	Research problems in AI/ML, Online quiz and feedback	Lunch		
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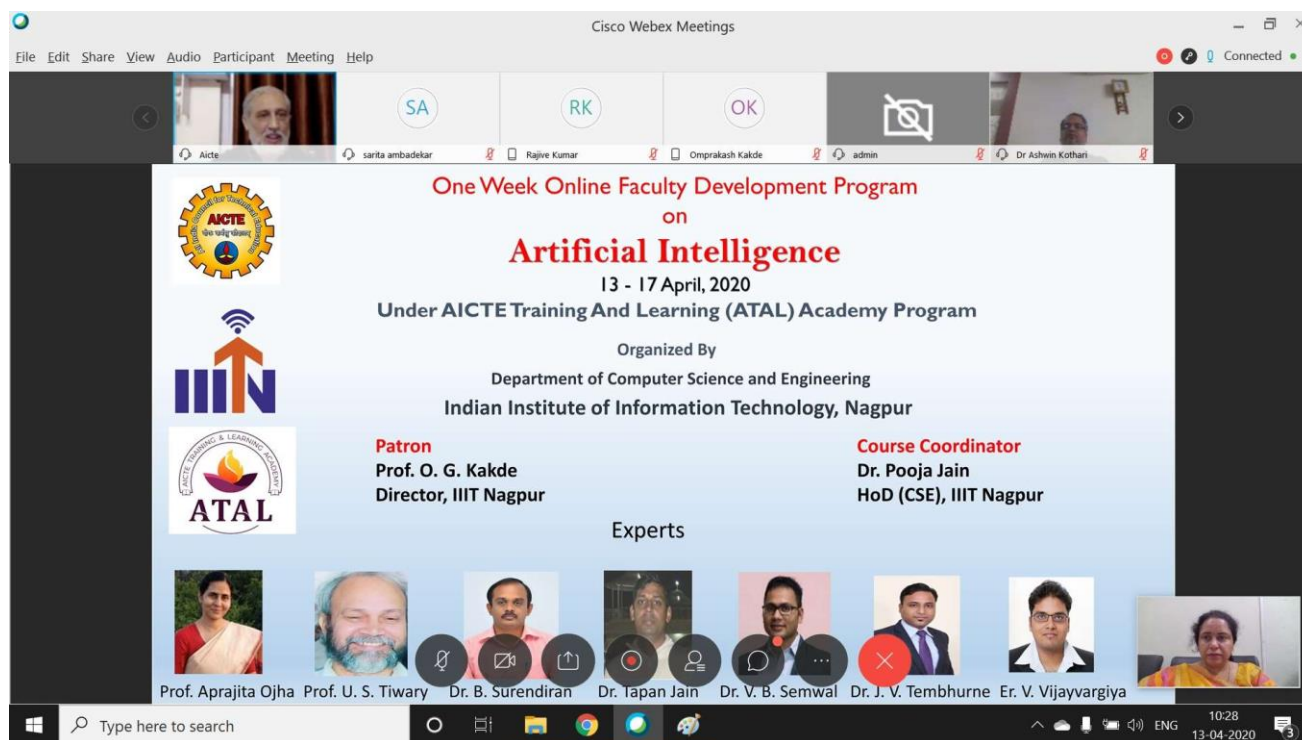
The inauguration was held on 13th April 2020 online at 10:00 am. Chief Guest of the program was Prof. Anil Sahasrabudhe (Chairman, AICTE), Guest of Honour of the function were Prof. Rajive Kumar (Member Secretary, AICTE) and Prof. O. G. Kakde (Director, IIIT Nagpur). Prof Ravindra Kumar Soni (Director ATAL) and Coordinator chaired the function. Also, Directors of different academies, and AICTE official were also present with the participants.

Director ATAL, Prof. Ravindra Soni addressed the participants about online FDP and various initiatives by ATAL Academy. Prof Kakde talked about IIIT Roles and Responsibility in technical education. Prof. Poonia Sir, discussed about various AICTE initiatives. In the addresses of Chairman Sir, he talked about various initiatives in pandemic times by AICTE. Dr. Pooja Jain, Coordinator proposed the Vote of Thanks.

Some screenshots of the inaugural function are as below.



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The list of participants was:-

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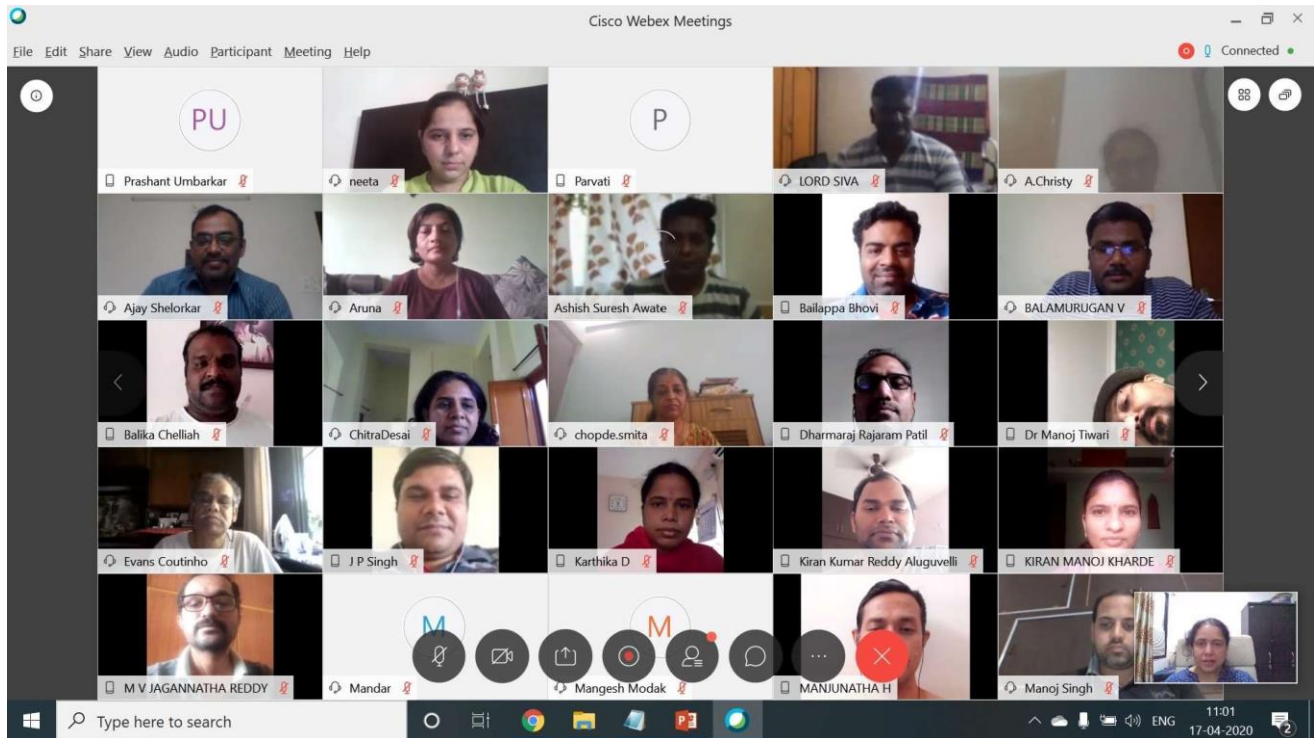
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		EDUCATION SOLUTIONS		
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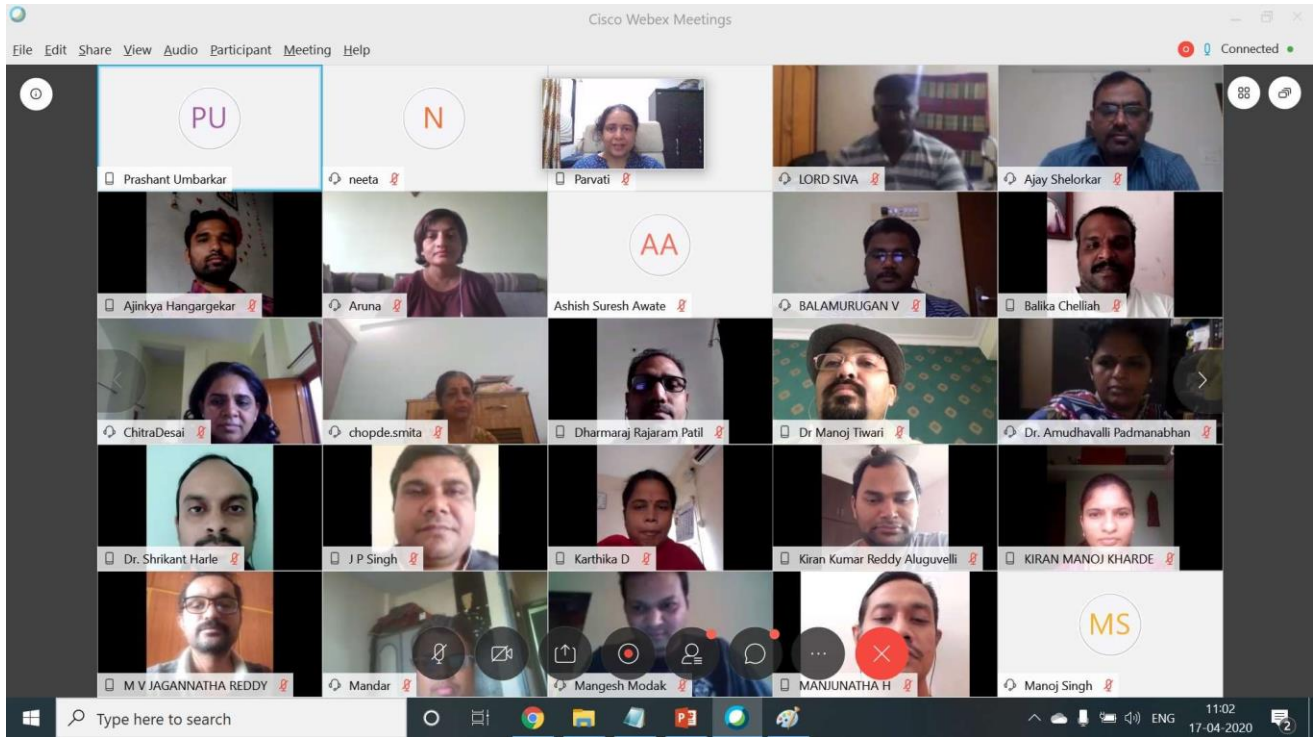
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96	Sanju Choudhary			<a href="mailto:ad1stdc@aicte-india.org">ad1stdc@aicte-india.org</a>
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100	Dr.V.Saravanan			profsaran@ieee.org

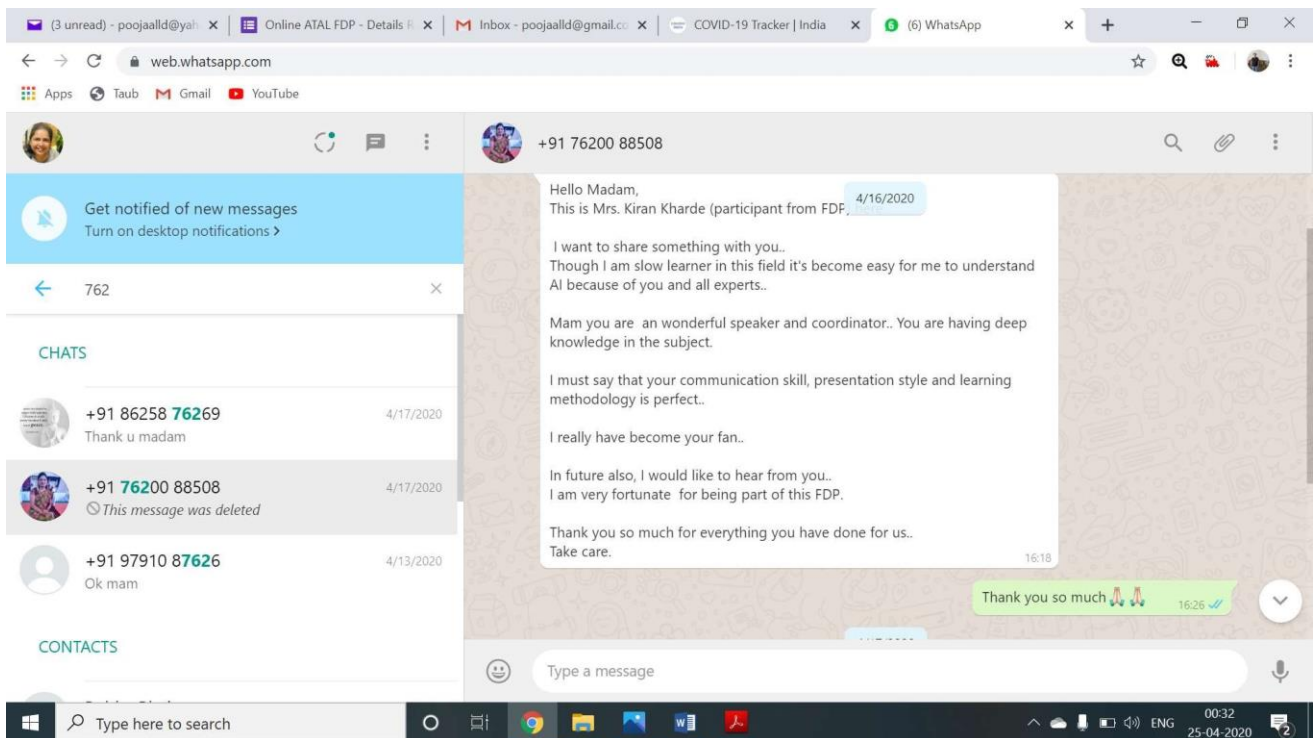
The screenshots of the participants taken on the closing are:-



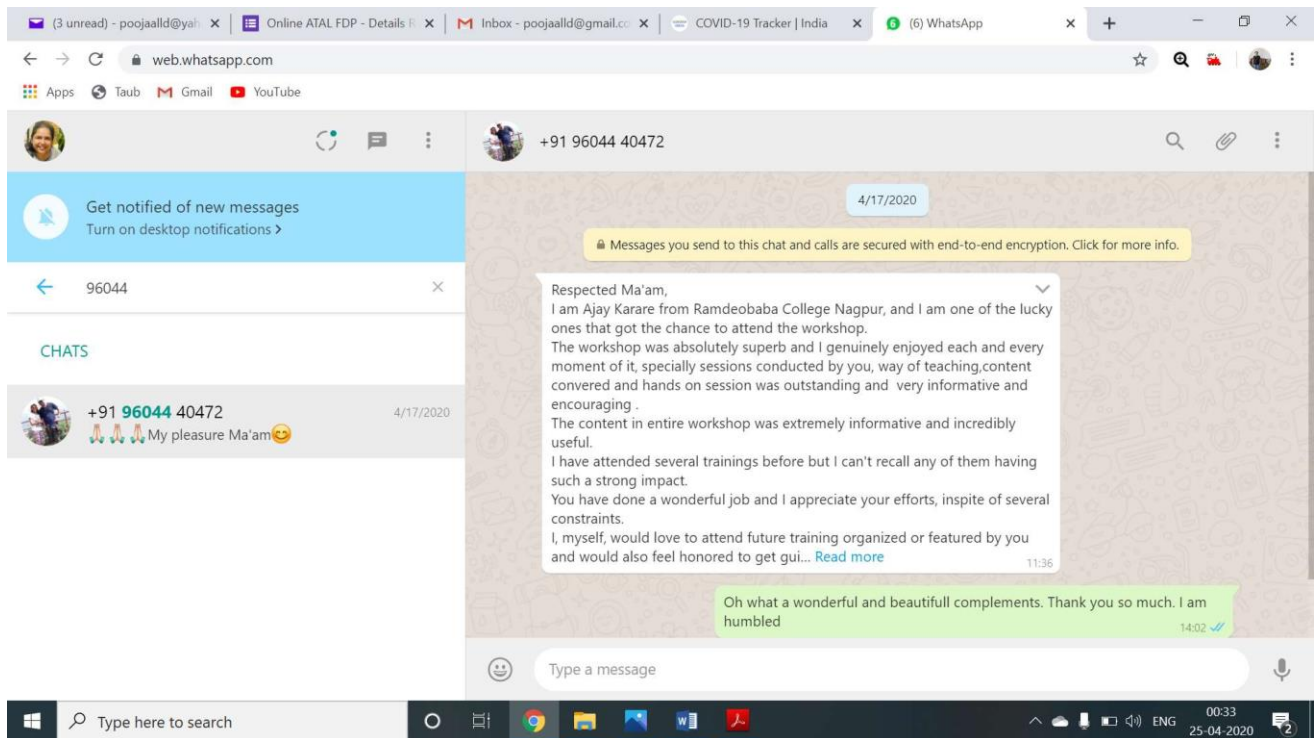
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Some of the feedback received for the workshop are as below



# ATAL workshop on Artificial Intelligence and Machine Learning



It was a great Initiative by ATAL Academy. I am thankful to AICTE for giving me this opportunity to conduct online FDP for faculty members of technical institute of India free of cost. I got huge response for registration as well as lots of compliment of arranging the online workshop, content and hands on.