

# RAJIV GANDHI UNIVERSITY

RONO HILLS, DOIMUKH-791112

A REPORT ON THE TWO DAY WEBINAR

## *“Recent Trends in Artificial Intelligence”*



**Recent Trends in Artificial Intelligence**

**(18<sup>th</sup> June, 2020- 19<sup>th</sup> June, 2020)**

Organized By:

Department of Electronics and communication Engineering,  
Department of computer science and engineering,  
Rajiv Gandhi University (RGU), Rono Hills, Doimukh - 791112,  
Arunachal Pradesh, (INDIA)  
June 2020



## REPORT ON THE TWO DAY WEBINAR **Recent Trends in Artificial Intelligence**

### **Organizing Committee**

#### **Chief Petron**

**Prof. Saket Kushwaha**  
Hon'ble Vice-Chancellor , RGU

#### **Patron(s)**

**Prof. Amitava Mitra**  
PVC, RGU

**Prof. Tomo Riba**  
Registrar, RGU

#### **Chair**

**Prof. Sanjeev Kumar**  
*Dean i/c, Faculty of Basic Sciences, IT, Engg. & Tech.*

#### **Conveners**

Mr. Maibam Sanju Meetei, *Asst.Prof., ECE*  
Ms. Bomken Kamdak Bam, *Asst.Prof. ,CSE*

#### **Members**

Prof. Utpal Bhattacharjee, *Head &Prof., CSE*  
Mr. Jagdeep Rahul, *Head i/c & Asst. Prof., ECE*  
Mr. Ani Taggu, *Associate Prof., CSE*  
Dr. Marpe Sora, *Asst. Prof., CSE*  
Dr. Firos A, *Asst. Prof., CSE*  
Mr. Sikdar Md. Sultan Askari, *Asst. Prof., CSE*  
Mr. Satish Kumar Das, *Asst. Prof., CSE*  
Mr Bhaskar Jyoti Chutia, *Asst. Prof., CSE*  
Ms. Champa Tanga, *Asst. Prof., ECE*  
Mr. Kurmendra, *Asst. Prof. ,ECE*



## REPORT ON THE TWO DAY WEBINAR **Recent Trends in Artificial Intelligence**

### **ACKNOWLEDGEMENTS**

The Department of Electronics and Communication & Department of Computer Science and Engineering, Rajiv Gandhi University, We would like to expand our deepest gratitude to all members and stakeholders who have directly and indirectly guided us for organizing the Two Day Webinar on Recent Trends in Artificial Intelligence.

We gratefully acknowledge the encouragement, support and guidance evinced by the **Prof. Saket Kushwaha, Hon'ble Vice Chancellor** of Rajiv Gandhi University and Chief Patron of the webinar for organizing the two day webinar on Recent Trends in Artificial intelligence.

A word of special appreciation and hearty thanks are due to **Prof. Tomo Riba, Registrar**, RGU, and Patron of the webinar **Prof. A Mitra, Pro Vice Chancellor**, RGU and Patron of the webinar, Prof. Sanjeev Kumar, Dean i/c, Faculty of Basic Sciences, IT, Engg. & Tech., RGU. The Chair of the webinar. Prof. Utpal Bhattacharjee, Head & Prof., CSE, RGU and Mr. Jagdeep Rahul, Head i/c & Asst. Prof., ECE, RGU for their constant suggestion and cooperation from time to time.

We are greatly indebted to Prof. Vijay Kumar Nath, Professor, Dept. of ECE, Tezpur University, Dr. Aheibam Dinamani Singh, Associate Professor, Dept. of ECE, NIT Manipur, and Dr. Vijay Kumar Bohat, Assistant Professor, Dept. of CSE, Bennett University for sharing their knowledge and apprehend the technical sessions in the webinar. We also thank full all the participants, faculty members, students and all the important stakeholders who contributed in organizing the webinar successfully.

Mr. Maibam Sanju Meetei,  
Convener,  
*Asst.Prof. ECE*

Ms. Bomken Kamdak Bam,  
Convener,  
*Asst.Prof. ,CSE*



# REPORT ON THE TWO DAY WEBINAR

## Recent Trends in Artificial Intelligence

### Contents

Sl.	Topic	Page(s)
	Organizing Committee Acknowledgements	
<b>Part 1: Preface</b>		
1.1.	About Host Institution	
1.1.1.	The University	
1.1.2.	Department Dept. of Electronics and Communications Dept. of Computer Science and Engineering	
1.2.	About Two Days Online Webinar	
1.3.	Objectives	
1.4.	Expected Outcomes	
1.5.	Resource Persons	
1.6.	Target Population	
1.7.	Budget (Total Expenditure)	
1.8.	Modus Operandi	
<b>Part 2: Session Wise Deliberations</b>		
2.1	First Day	
2.1.1	Inaugural Session	
2.1.2.	Technical Sessions 1	
2.2	Second Day	
2.2.1	Technical Session 2	
2.2.2	Technical Session 3	
2.2.3	Valedictory Session	
<b>Part 3: Major Takeaways</b>		
3.1.	Academic Context	
3.2.	Research Context	
3.3.	Future Scope	
<b>Part 4: Appendices &amp; Annexure</b>		
	Annexure 1: Programme Schedule	
	Annexure 2: List of Participants	
	Annexure 3: Photographs (if any)	
	Annexure 4: Media Coverage	



# REPORT ON THE TWO DAY WEBINAR

## **Recent Trends in Artificial Intelligence**

### **Preface**

#### **1.1.About the Host Institute**

##### **1.1.1. The University**

Rajiv Gandhi University (formerly Arunachal University) is the premier institution for higher education in the state of Arunachal Pradesh and has completed twenty five years of its existence. Late Smt. Indira Gandhi, the then Prime Minister of India, laid the foundation stone of the university on 4th February 1984 at Rono Hills, where the present campus is located. Ever since its inception, the university has been trying to achieve excellence and fulfil the objectives as envisaged in the University Act. The University got academic recognition under section 2(f) from the University Grants Commission on 28th March, 1985 and started functioning from 1st April, 1985. It got financial recognition under section 12-B of the UGC on 25th March, 1994. Since then Rajiv Gandhi University then Arunachal University has carved a niche for itself in the educational scenario of the country following its selection as a University with potential for excellence by a high level expert committee of University Grants Commission from among universities in India. The University was converted into a Central University with effect from 9th April 2007 as per notification of Ministry of Human Resource Development, Government of India.

The University is located atop Rono Hills on a picturesque tableland of 302 acres overlooking the river Dikrong. It is 6.5 km away from the National Highway 52-A and 25 km away from Itanagar, the State capital. The campus is linked with the National Highway by a Dikrong bridge. The teaching and research programmes of the University are designed with a view to play a positive role in the socio-economic and cultural development of the State. The University offers Under Graduate, Post-Graduate, M. Phil and Ph.D. programmes.

The Faculty members have been actively engaged in research activities with financial support from UGC and other funding agencies. Since inception, a number of proposals on research projects have been sanctioned by various funding agencies to the University. Departments have organized a number of Seminars, Workshops, Conferences and Webinar. Many faculty members participated in national and international conferences and seminars held within the country and abroad. Eminent scholars and distinguished personalities have visited the University and delivered lectures on various disciplines.

The academic year 2000-2001 was a year of consolidation for the University. The switch over from annual to semester system took off smoothly and the performance of the students



## REPORT ON THE TWO DAY WEBINAR **Recent Trends in Artificial Intelligence**

registered a marked improvement. Various syllabi designed by Boards of Post-Graduate Studies (BPGS) have been implemented. VSAT facility installed by the ERNET India, New Delhi under UGC-Infonet program, provides internet access.

In spite of infrastructural constraints, the University has been maintaining its academic excellence. The University has strictly adhered to the academic calendar, conducted the examinations and declared the results in time. The students from the University have found placements not only in State and Central Government Services, but also in various institutions, industries and organizations. Many students have come out successful in the National Eligibility Test (NET). Since inception, the University has made significant progress in teaching, research, innovations in curriculum development and developing infrastructure.

### **1.1.2. Departments**

**Department of Electronics & Communication Engineering**, Rajiv Gandhi University, Rono Hills, Itanagar was established in the year 2015 with the aim of providing leadership in the field of Electronics & Communication Engineering and interdisciplinary research. The initiative has been taken to establish state of art research laboratories in the area of VLSI Design and Technology, MEMS and Sensors, Embedded System, Wireless Communication and Signal Processing. Department provides healthy environment to students and faculties to carry out inter department collaborative research in area like Bio medical Engineering and robotics. A team of competent and dedicated teachers are engaged in relentless pursuit of excellence in this field of engineering.

**Department of Computer Science and Engineering**, Rajiv Gandhi University, Rono Hills, Itanagar was established in 2005, with a diploma course of one-year duration, and a three-year undergraduate course, Bachelor of Computer Applications (**BCA**). The first and second batch of the BCA programme has completed and the third batch has started from the session 2008-2009, starting from July, 2008. In the year 2006 the Master of Technology in Computer Science and Engineering was started in the department. The department has started the Master of Computer Application course from the session 2013-14.

### **1.2. About Two Days Online Webinar**

As per the present situation, there is an uncertainty when colleges and universities will reopen. This is a crucial and challenging time for the education system where class room teaching and laboratory practices in many colleges and universities get affected during this



## REPORT ON THE TWO DAY WEBINAR **Recent Trends in Artificial Intelligence**

pandemic period. To fill this gap, departments are organizing two day webinar on recent trends in AI. This webinar is designed to meet the needs of Faculties, Scholars, and Industrial Participants in deep exposures to the recent trends in Artificial Intelligence. This programme will help to expertise in the field of Artificial Intelligence and its applications.

### **1.3. Objective**

- a. To understand the basic concept of the AI and Machine learning and its applications in present days.
- b. To explore the opportunities of AI and Machine learning for research in present scenario.
- c. To provide knowledge on AI algorithms for image processing.

### **1.4. Expected Outcomes**

- a. Understand the various categories of Artificial Intelligence and recent trends in AI.
- b. Able to perform classification of data with MATLAB Tools.
- c. Understand various algorithms used for feature extraction from image.



## REPORT ON THE TWO DAY WEBINAR Recent Trends in Artificial Intelligence

### 1.5. Resource Persons



**Prof. Vijay Kumar Nath**

Professor, Dept. of ECE, Tezpur University

Prof. Vijay Kumar Nath, is Professor from Sept 2015 to present at Dept. of Electronics and Comm. Engineering, School of Engineering, Tezpur University, Napaam, Tezpur, Assam, India. He worked as a Lecturer from July 2006 to Nov 2007 at Deptt. of Electronics and Comm. Engineering, School of Technology, North Eastern Hill University (NEHU), Shillong, Meghalaya, India. He has obtained the Ph.D. degree from the Dept. of Electronics and Electrical Engineering, Indian Institute of Technology Guwahati, Assam, India.

He was awarded with Young faculty research fellowship under "**Visvesvaraya Ph.D scheme for Electronics and IT**" of MietY, GoI. He is also a reviewer of **IEEE Access, IEEE Transactions on Multimedia and Journal of Electronics Imaging, SPIE.**

His research interests lie in the field of image and video processing with a focus on spatially adaptive techniques for image and video de-noising, compression artifacts removal, Synthetic Aperture Radar (SAR) image processing, content based image retrieval, Pattern recognition.

**He has 38 scientific research publications in various reputed Journals.**





## REPORT ON THE TWO DAY WEBINAR **Recent Trends in Artificial Intelligence**



**Dr. Aheibam Dinamani Singh**

Associate Professor, Dept. of ECE, NIT Manipur

Dr. AHEIBAM DINAMANI SINGH received the B.Tech. Degree in Electronics and Communication Engineering from North Eastern Hills University NEHU Shillong, India, in 2004. Received the M.Tech. and Ph.D. degree in Electronics and Communication Engineering from the North Eastern Regional Institute of Science and Technology, NERIST, Nirjuli, Arunachal Pradesh, India, in 2010 and 2015 respectively.

He was working as a faculty in the Department of Electronics and Communication Engineering, NERIST from 20/06/2006 till 07/01/2020.

He is currently working as an Associate Professor in the Department of Electronics and Communication Engineering, at the National Institute of Technology, Manipur, India. His research interests in wireless communication, Fading Channels, Image Processing, Fuzzy Logic, Signal Processing, Antennas array, and Millimeter-wave antennas.

**He published over 55 scientific papers in research journals, international and national conferences.**

He has served as the organizing Chair of the International Conference on Computers and Management Skills (ICCM) 2019. He was awarded **Child Scientist Award 1995** by NCSCCT Network Ned Delhi and Conferred Bal Shree Award for **Creative Scientific Innovations 1997** by the then President of India **Dr. K. R. Narayanan** at the Rashtrapati Bhavan.



## REPORT ON THE TWO DAY WEBINAR **Recent Trends in Artificial Intelligence**



**Dr. Vijay Kumar Bohat**

Assistant Professor, Dept. of CSE, Bennett University

Dr. Vijay Kumar Bohat, received M.Tech degree in Computer Science and Engineering with specialization in Information Security, and Ph.D degree in Computer Science and Engineering from Atal Bihari Vajpayee – Indian Institute of Information Technology and Management, Gwalior, India in 2012 and 2019 respectively. He has received MHRD fellowship in 2010 for pursuing M. Tech. and 2014 he received same fellowship for pursuing Ph. D. on Some nature –inspired algorithms for image processing applications. **He has published more than 10 scientific research papers in reputed journals such as IEEE Transaction, Elsevier, and Springer.** He is currently working as Assistant Professor at Bennett University, Greater Noida. His current research includes Image Processing, application of nature inspired optimization algorithms, computer networks, machine learning.

He is having teaching experience for more than 3 years in various Engineering Universities.



## REPORT ON THE TWO DAY WEBINAR **Recent Trends in Artificial Intelligence**

### **1.6. Target Population**

Students, Research scholars, Faculty Members and Industry People.

### **1.7. Budget (Total Expenditure)**

Sl. No.	Purpose of Expenditure	Mode of payment	Transaction ID or Receipt No.	Amount
1	Honorarium	Online	017813564843	1000.00
2	Honorarium	Online	017813565963	1000.00
3	Honorarium	Online	017813567528	1000.00
4	Lunch	Cash	12AUOPD6259N2Z7	530.00
5	Tea	Cash	1 and 2	200.00

**Total: 3730.00**

Total Amount received: **8000.00/-** (eight thousand only)

Balance: **4270.00/-** (four thousand and two hundred and seventy only)

Total expenditure: **3730.00/-** (three thousand and seven hundred and thirty only)

### **1.8. Modus Operandi**

Through Online mode.

Location:  On your Gadget via GoToMeeting.



# REPORT ON THE TWO DAY WEBINAR

## Recent Trends in Artificial Intelligence

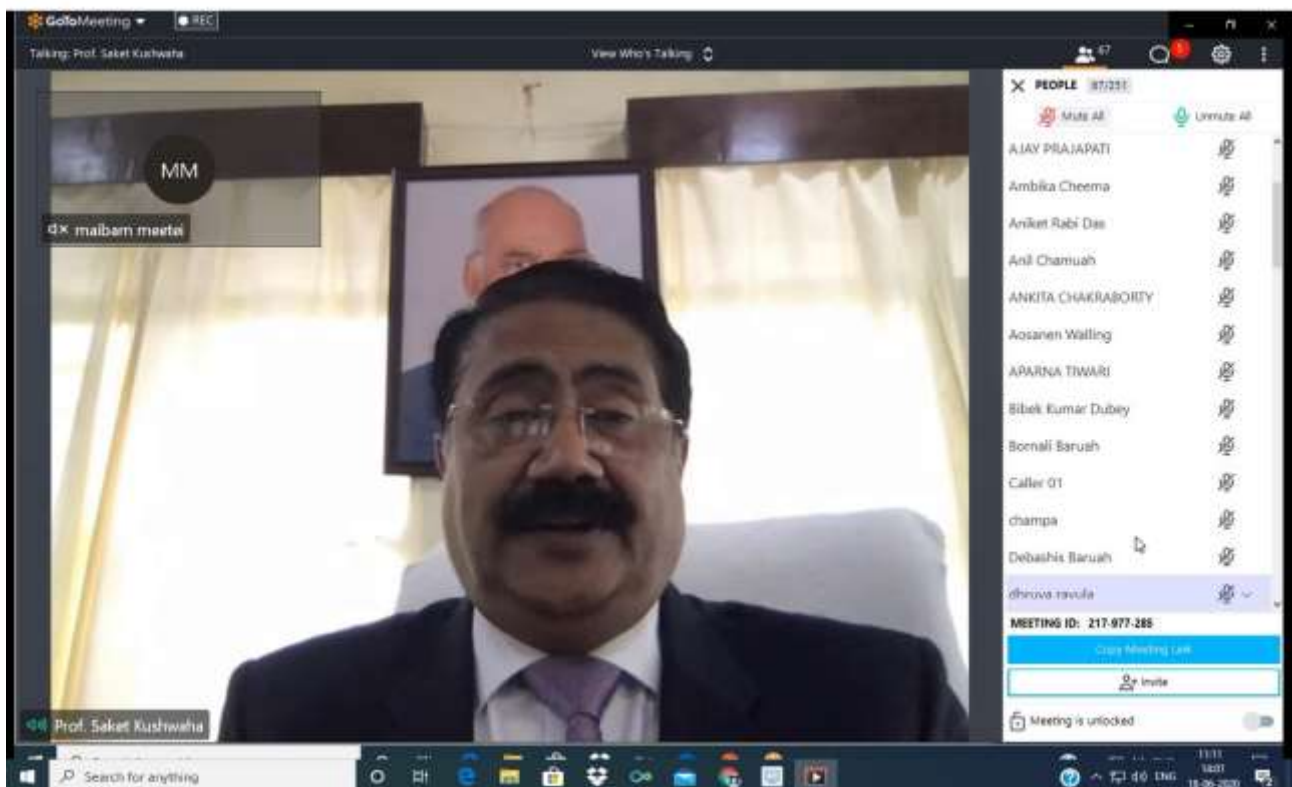
### Session Wise Deliberations

#### 2.1 First Day

##### 2.1.1 Inaugural Sessions

The Inaugural Ceremony was started at 10.30 am on 18<sup>th</sup> June, 2020.

The Prestigious part of our inauguration, **Hon'ble Vice-Chancellor** of Rajiv Gandhi University, **Prof. Saket Kushwaha**, in addressing the participants in the inaugural session said that in this covid-19 pandemic situation, Artificial Intelligence (AI) can be integrated with existing technologies to improve the teaching-learning experience in educational system. He also stressed that AI based machines like robot can be used to treat the Corona patient which will have very less direct intervention of frontline workers and will be protected from dreaded infection. The VC added, while doing research in AI, we should also take care of the fact that it should not adversely affect the human being.



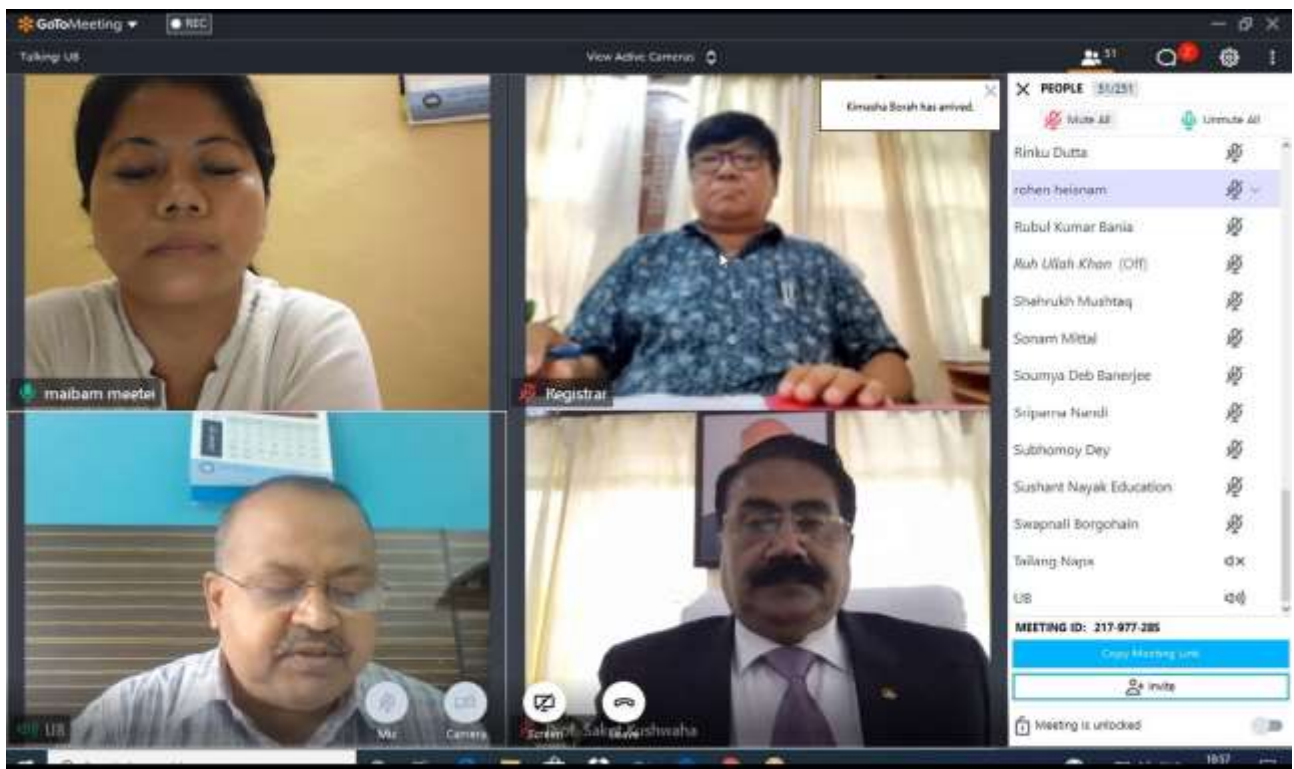
Prof. A. Mitra, Pro-Vice-Chancellor of RGU shared in his speech the importance of AI and how it can be used to make India one of the best technological countries in the world.



## REPORT ON THE TWO DAY WEBINAR **Recent Trends in Artificial Intelligence**

Prof. Tomo Riba, Registrar of the University said that Artificial Intelligence have brought revolutionary changes in the technology and the way we use the technology.

Prof. Utpal Bhattacharjee, Head of the Department of Computer Science and Engineering, while giving his welcome address said that AI is the one of the most rapidly growing technology in science. He also spoke that the present state of technologies needs to be up-gradated and it is possible by using AI.



The inaugural session was hosted by conveners of the programme Mr. Maibam Sanju Meetei and Mrs. Bomken Kamdak Bam.

### **2.1.2 First Technical Session 1: An overview of AI**

**Dr. Aheibam Dinamani Singh, Associate Professor, National Institute of Technology (NIT)**

**Manipur:** The resource person deliberated on the overview of Artificial intelligence and its applications in different fields to technology. He added, AI is breaking frontiers in the field of medicine and agriculture. Dr. Aheibam stressed on using AI technology as a practicable option to fight the current Covid19 pandemic. Dr. Aheibam also includes various future technology will be depends on Artificial Intelligence.



# REPORT ON THE TWO DAY WEBINAR

## Recent Trends in Artificial Intelligence

The screenshot displays a GoToMeeting webinar interface. The main content area shows a slide titled "Content" with a list of topics related to Artificial Intelligence. The chat window on the right shows messages from participants.

**Content**

- What does Artificial Intelligence (AI) mean?
- History of Artificial Intelligence
- Applications of AI
  - Game Playing
  - Automated Reasoning & Theorem Proving
  - Natural Language Understanding & Semantic Modeling
  - Planning & Robotics
  - Machine Learning
  - Prediction of Judicial Decisions
- AI in Agriculture
- Artificial Intelligence in Medicine
- AI and the coronavirus fight: How artificial intelligence is taking on COVID-19
  - General procedure of AI and non-AI based applications that help general physicians to identify the COVID-19 symptoms.
  - Main Applications of AI in COVID-19 Pandemic.
- Future Technology
- Conclusion

**CHAT**

Expert is coming. 11:41

Antika Cheema 11:41  
yes

APARNA TIWARI 11:41  
yes sir

Antika Cheema 11:41  
sir

Shahrehkhushtaq 11:41  
hi sir :D

Dr. Muhammad Hesar 11:41  
yes

Shahrehkhushtaq 11:41  
hi

Shahrehkhushtaq 11:41  
From :D

Enter your message

Send to  
Everyone

The First Day session was concluded by conveners of the programme Mr. Maibam Sanju Meetei and Mrs. Bomken Kamdak Bam with vote of thanks.

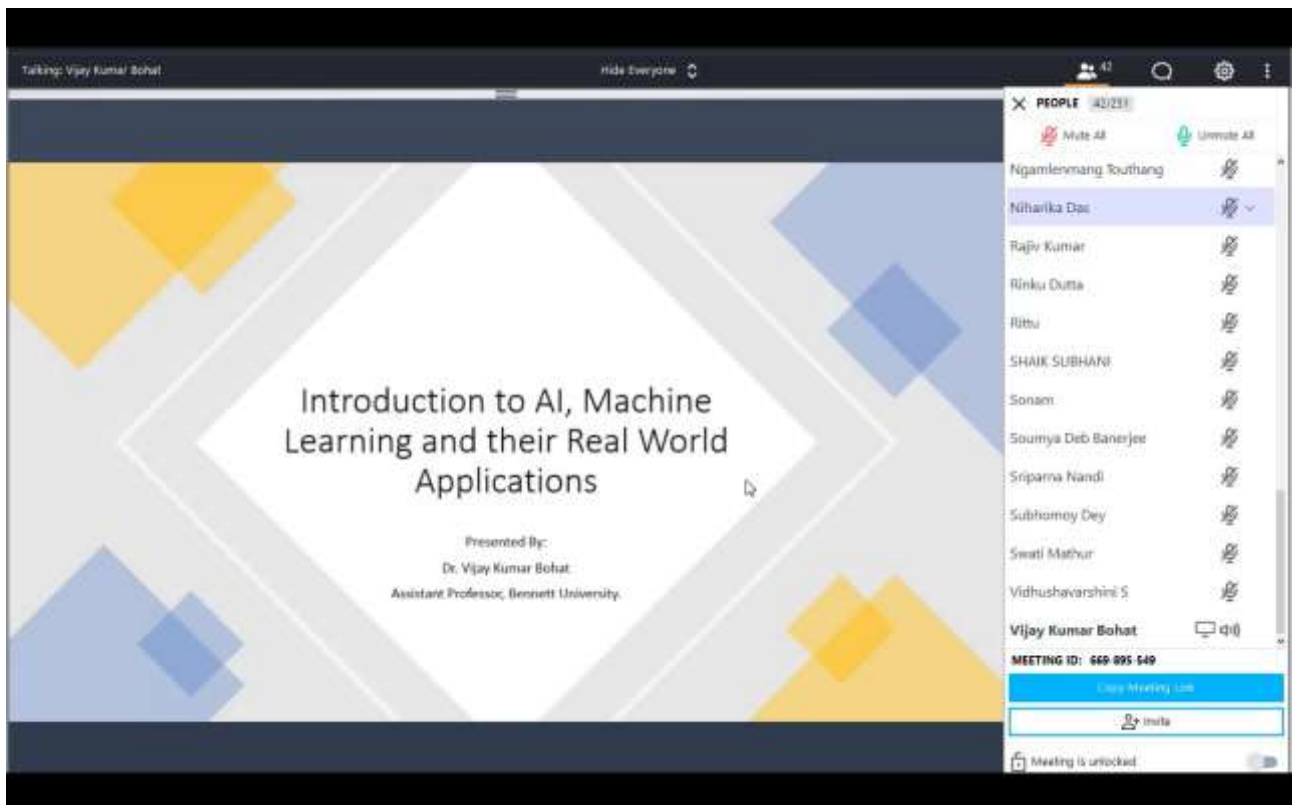


## REPORT ON THE TWO DAY WEBINAR Recent Trends in Artificial Intelligence

### 2.2 Second Day

#### 2.2.1 Second Technical Session 2: Introduction to AI, Machine Learning and their Real World Applications

Dr. Vijay Kumar Bohat, Bennett University, Noida: The resource person of the second technical session deliberated on difference between traditional learning and machine learning and he also mention various branches of Artificial Intelligence. Dr. Bohat explain the case study of image classification. He also performs the live demonstration using the tools and he shared the link of data resources for research work.



He shared a link for online data repository site for Machine learning:

<https://archive.ics.uci.edu/ml/index.php>



## REPORT ON THE TWO DAY WEBINAR Recent Trends in Artificial Intelligence

### 2.2.2 Third Technical Session 3: Some recent developments in local pattern based image texture descriptors for content based image retrieval.

**Prof. Vijay Kumar Nath, Professor, Tezpur University:** The resource person of the third technical session deliberated on various images and their feature extraction. He mentioned different algorithms and their performances for pattern recognition in image processing.

The screenshot shows a presentation slide titled "Local Bit-plane Dissimilarity Pattern (LBDISP)[10]". The slide is divided into three main steps:

- Step 1: Bit plane division**: Shows a 10x10 binary matrix being divided into 10 bit-planes, labeled  $BP_0$  through  $BP_9$ .
- Step 2: Dissimilarity encoding of bit planes (DEBP) and weighting**: Shows the bit-planes being processed into DEBP values, which are then weighted. A small table shows the comparison of weighted DEBP with a template.
- Step 3: LBDISP computation**: Shows the final LBDISP value being calculated.

An example computation is shown at the bottom right of the slide, featuring a small circular logo.

### 2.2.3 Valedictory Session

A two day webinar on Recent Trends in Artificial intelligence is conducted at Rajiv Gandhi University, Doimukh at 4 pm on 19<sup>th</sup> June 2020.

Dean, Faculty of Basics Sciences, Information Technology, and Engineering & Technology of Rajiv Gandhi University, Prof. Sanjeev Kumar, while addressing the participants in the valedictory session said that Artificial Intelligence devices are making us smarter like Siri and Alexa in our daily life routine. We need to develop the more efficient AI devices which can help us in the field of Medical sciences. He also stress the human is the most intelligent made by nature.





## REPORT ON THE TWO DAY WEBINAR **Recent Trends in Artificial Intelligence**

Mr. Jagdeep Rahul, Head of the Department of Electronics and Communication Engineering, while giving his welcome address in valedictory session said that in these Covid19 pandemics such webinar can help the student and researcher to carry on their academic and research activity, and knowledge improvement. He also spoke that how artificial intelligence is the future of virtually every industry and every human being.



The valedictory session was hosted by conveners of the programme Mr. Maibam Sanju Meetei and Mrs. Bomken Kamdak Bam.



## REPORT ON THE TWO DAY WEBINAR **Recent Trends in Artificial Intelligence**

### **Major Takeaways**

**3.1. Academics Context:** Able to understand the recent trends in AI, its application and various classification of artificial intelligence.

**3.2. Research Context:** Able to implement the various classification model of a signal and data representation of the signal.

**3.3. Future Scope:** AI is going to permeate every job sector in the future. It can create new career paths in the field of Machine learning, Data mining, and analysis, AI software development, program management, and testing.

The demand for AI certified professionals will grow along with the developments in AI. Gaining a certificate in AI will give you an edge over other IT professionals as AI is the future of IT.



# REPORT ON THE TWO DAY WEBINAR

## Recent Trends in Artificial Intelligence

### Appendices & Annexure

#### Appendix - 1: Programme Schedule and Brochure

#### Day 1: Inaugural Programme Schedule

Time	Session	Speakers
10.30 am	Welcome Address and Brief about the Programme	<b>Prof.Utpal Bhattacharjee</b> , Head, Professor,CSE, Rajiv Gandhi University
10.35 am	Address by Registrar	<b>Prof. Tomo Riba</b> Registrar, Rajiv Gandhi University
10.40 am	Address by PVC	<b>Prof. Amitava Mitra</b> Pro Vice-Chancellor, Rajiv Gandhi University
10.45 am	Inaugural Address	<b>Prof. Saket Kushwaha</b> Vice-Chancellor, Rajiv Gandhi University
10.55 am	Vote of Thanks	<b>Mr. Maibam Sanju Meetei</b> Assistant Professor and Convenor, Department of ECE, RGU
11.00 am	Technical Session 1 (An Overview of AI)	<b>Dr.Aheibam Dinamani Singh</b> , Associate Professor, Dept. of ECE, NIT Manipur

#### Day 2: Inaugural Programme Schedule

Time	Session	Speakers
11.00 am	Technical Session 2 (Introduction to AI, Machine Learning and their Real World Applications)	<b>Dr. Vijay Kumar Bohat</b> , Assistant Professor, Dept. of CSE, Bennett University
01.30 pm	Technical Session 3 (Some recent developments in local pattern based image texture descriptors for content based image retrieval)	<b>Prof. Vijay Kumar Nath</b> , Professor, Dept. of ECE, Tezpur University
03.00 pm	Welcome Address with brief Webinar Report	<b>Mr. Jagdeep Rahul</b> HoD i/c,Dept.of ECE, RGU
3.10 pm	Experience sharing	<b>By Participants</b>
3.20 pm	Address by Dean	<b>Prof. Sanjeev Kumar</b> Dean i/c, Faculty of Basic Sciences, IT, Engg. & Tech.
3.25pm	Vote of Thanks	<b>Ms. Bomken Kamdak Bam</b> , Assistant Professor, Convener, Dept. of CSE



# REPORT ON THE TWO DAY WEBINAR

## Recent Trends in Artificial Intelligence

### About the Webinar

As per the present situation, there is an uncertainty when colleges and universities will reopen. This is a crucial and challenging time for the education system where class room teaching and laboratory practices in many colleges and universities get affected during this period. To fill this gap, departments are organising two day webinar on recent trends in AI. This webinar is designed to meet the needs of Faculties, Scholars, and Industrial Participants in deep exposers to the recent trends in Artificial Intelligence. This programme will help to expertise in the field of Artificial Intelligence and its applications.

### Objective

- To understand the basic concept of the AI and machine learning and its applications in present days.
- To explore the opportunities of AI and machine learning for research in present scenario.
- To provide knowledge on AI algorithms for image processing.

### Resource Persons

**Prof. Vijay Kumar Nath,**  
Professor, Dept. of ECE, Tezpur University

**Dr. Abebam Dinamani Singh,**  
Associate Professor, Dept. of ECE, NIT Manipur

**Dr. Vijay Kumar Bohat,**  
Assistant Professor, Dept. of CSE, Bennett University

### How to apply

There is no registration fee. The registration will open from 15<sup>th</sup> June, 2020. The registration closes on 17<sup>th</sup> June, 2020 at 5 PM. Shortlisted participants will be communicated through registered email with day-wise programme schedule.

For registration please click on the given link-<https://forms.gle/AGTQK1oocoU2mTSc9>

### Important Note

Live web sessions will be conducted through GoToMeeting from 10.30 am onwards. All selected participants will be given an e -Certificate of participation on being present in all the sessions.

### Chief Petron



**Prof. Saket Kushwaha**  
VC, RGU

### Patron(s)



**Prof. Amitava Mitra**  
PVC, RGU



**Prof. Tomo Riba**  
Registrar, RGU

### Chair

**Prof. Sanjeev Kumar**  
Dean i/c, Faculty of Basic Sciences, IT,  
Engg. & Tech.

### Convenors

**Mr. Maibam Sanju Meetei,** Asst.Prof, ECE

**Ms. Bomken Kamdak Bam,** Asst.Prof., CSE

### Members

**Prof. Utpal Bhattacharjee,** Head & Prof., CSE

**Mr. Jagdeep Rahul,** Head & Asst. Prof., ECE

**Mr. Ani Taggu,** Associate Prof., CSE

**Dr. Marpe Sora,** Asst.Prof., CSE

**Dr. Firos A,** Asst.Prof., CSE

**Mr. Sikdar Md. Sultan Askari,** Asst.Prof., CSE

**Mr. Satish Kumar Das,** Asst.Prof., CSE

**Mr. Bhaskar Jyoti Chutia,** Asst. Prof., CSE

**Ms. ChampaTanga,** Asst.Prof. ECE

**Mr. Kurmendra,** Asst.Prof. ECE

### Two Day Webinar

On

### Recent Trends in Artificial Intelligence

(18<sup>th</sup> June, 2020- 19<sup>th</sup> June, 2020)



### Sponsored By:

Rajiv Gandhi University,  
Arunachal Pradesh

### Jointly Organised By:

Department of Electronics &  
Communication  
and  
Department of Computer Science &  
Engineering

Rajiv Gandhi University,  
Arunachal Pradesh  
791112



## REPORT ON THE TWO DAY WEBINAR

### Recent Trends in Artificial Intelligence

#### Appendix - 2: List of Participants

#### Female

Sl. No.	Name	Gender	Designation
1	Ms.Champa Tanga	Female	Rajiv Gandhi University
2	Dr.KASTHURI S	Female	Central University of Tamilnadu
3	Ms.Sriparna Nandi	Female	Jorhat Engineering College
4	Ms.Yanglem Lanjenkhombi Chanu	Female	Pointress
5	Ms.M.Kanimozhu	Female	Sri Sarada college for women Autonomous salem
6	Ms.Kavita Anand	Female	Translam Institute of Technology & Management
7	Ms.Upasana Goswami	Female	Gauhati University Institute of Science and Technology
8	Mrs.Mridula Kapoor	Female	ABL
9	Prof.Tapalina Bhattasali	Female	St. Xavier's College ( Autonomous), Kolkata
10	Mrs.Sushma Pareek	Female	Banasthali university
11	Dr.M.Arul Simi	Female	Combined Court Eraniel
12	Dr.TAWHEEDA RASOOL	Female	Government Degree College Ganderbal
13	Mrs.AROOSA ANAYAT	Female	Central University of Kashmir
14	Ms.REETA RANI	Female	Kurukshetra university, kurukshetra Haryana
15	Ms.Evelin Silviya S	Female	Bishop cotton women's Christian college
16	Ms.Raseena Padiputhalath	Female	Pondicherry Central University
17	Dr.Karthiga S V	Female	SRM Institute of Science and Technology
18	Ms.Paramjit kaur	Female	Talwandi sabo Distt Bathinda
19	Mrs.Dipti Kabra	Female	AICTE
20	Ms.PRIYA	Female	BSAITM Faridabad
21	Dr.Sonam Mitt	Female	B K Birla Institute of Engineering and & Technology
22	Ms.SILKY SHARMA	Female	AMITY UNIVERSITY
23	Ms.MS.JYOTI TOTLA	Female	Mewar University
24	Dr.Miskil Naik	Female	DCT'S Dhempe College of Arts & Science
25	Mrs.Pavithra S	Female	Srm institute of science and technology
26	Dr.Shagufta Naj	Female	M.D.D.M. College
27	Mrs.Aarti Bansal	Female	Thapar Institute of Engineering and Technology
28	Mrs.M SRAVANTHI	Female	Nova College Of Engineering And Technology
29	Ms.Spoorthi C	Female	Rajeev Institute of Technology Hassan
30	Mrs.MONIKA BANSAL	Female	Sh. LBS Arya Mahila College Barnala
31	Dr.Rekha	Female	Saint Kabir college of Education
32	Dr.Neelam Rani Tyagi	Female	CCS
33	Dr.Krishna Kant Agrawal	Female	ABES Institute of Technology, Ghaziabad
34	Ms.Pooja Darda	Female	MITWPU
35	Ms.Hemlata Shakya	Female	IIT (BHU), Varanasi
36	Mrs.DIVYA GUPTA	Female	Institute of professional studies
37	Ms.NISHA KHANNA	Female	Delhi Institute of Advanced Studies, Rohini
38	Ms.Jinu John	Female	Terna Engineering College
39	Ms.Sr.Sunila Rani Pudota	Female	Ch.S.D.St.Theresa's college for women Eluru



## REPORT ON THE TWO DAY WEBINAR

### Recent Trends in Artificial Intelligence

40	Ms.Jyoti Totla	Male	Mewar University
41	Ms.YAGGATI BASANTHI	Female	Adoni Arts & Science College
42	Mrs.Kavita Arora	Female	Manav Rachna International Institute Of Research And Studies
43	Dr.Sadhna	Female	Panjab University Chandigarh
44	Ms.Nisha Bharti Sah	Female	Rajiv Gandhi University
45	Ms.SRI JAMIYA	Female	Vel Tech Rangarajan Dr.Sagunthala R & D Institute Of Science And Technology
46	Ms.Priyanka Dutta	Female	Rajiv Gandhi University,Doimukh,Arunachal Pradesh
47	Ms.Bendangmenla	Female	North Eastern Hill University Tura Campus
48	Ms.Lamneithem Vaiphei	Female	North Eastern Hill University, Tura Campus
49	Dr.Dr. Manu Sehgal	Female	GGDSD College Chandigarh
50	Mrs.Ambika Cheema	Female	GOVERNMENT COLLEGE FOR GIRLS, LUDHIANA
51	Mrs.Rittu Sharma	Female	Kcw
52	Ms.RINKU DUTTA	Female	LTK College, Azad, North Lakhimpur
53	Ms.Ankita Chakraborty	Female	Rajiv Gandhi University
54	Ms.JULIE DOLEY	Female	RAJIV GANDHI UNIVERSITY RONO HILLS, ITANAGAR
55	Mrs.SWAPNLI BORGHAIN	Female	L.T.K COLLEGE
56	Ms.RINKU DUTTA	Female	L T K College, North Lakhimpur
57	Ms.Kawalpreet Kaur	Female	GGDSD COLLEGE SECTOR 32 CHANDIGARH
58	Dr.DEVIKA PHUKAN	Female	B. Borooh College
59	Ms.Aastha Budhiraja	Female	Manav Rachna International Institute Of Research Studies, Faridabad
60	Ms.Shilpa Dixit	Female	Aravali College Of Engineering And Management
61	Mrs.Anshu Sharma	Female	Aravali College Of Engineering And Management
62	Ms.Namani Deepika Rani	Female	LORDS INSTITUTE OF OF ENGINEERING AND TECHNOLOGY,HYDERABAD
63	Mrs.D Dhanalakshmi	Female	Lords Institute Of Engineering And Technology
64	Ms.Vasuda G	Female	Lords Institute Of Engineering And Technology
65	Mrs.B. Vinutha	Female	Lords Institute Of Engineering And Technology
66	Mrs.RASMITA KUMARI MOHANTY	Female	LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY
67	Mrs.KHUTAIJA ABID	Female	LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY
68	Ms.Laishram Mona Devi	Female	NERIST
69	Mrs.Richa Sharma	Female	JU
70	Ms.Janrhoni M Kikon	Female	North Eastern Hill University, Tura Campus, Meghalaya
71	Ms.Vidhushavarshini S	Female	Sona College Of Technology
72	Ms.MANISHA MEENA	Female	Department Of Physics, University College Of Science, Mohanlal Sukhadia University.
73	Mrs.Karthika S	Female	Avinashilingam Institute For Home Science And Higher Education For Women
74	Ms.SEEMA KUMARI MEENA	Female	Department Of Physics, University College Of Science, Mohanlal Sukhadia University.
75	Ms.Pratyashi Saikia Tandon	Female	Kamla Arya Kanya P.G. College, Mirzapur



## REPORT ON THE TWO DAY WEBINAR Recent Trends in Artificial Intelligence

76	Dr.Rakshita	Female	Delhi University,Delhi
77	Mrs.Lakshmi	Female	Rajiv Gandhi Government College For Women, Bhiwani
78	Ms.Minaxi	Female	DCRUST Murthal Haryana
79	Ms.Bornali Baruah	Female	Rajiv Gandhi University
80	Ms.Monika Raj	Female	N.G.P PATNA 13
81	Ms.ALISHA KUMAR	Female	Lingaya Vidyapeeth, Faridabad
82	Prof.Fahmeeda Faique Shaikh	Female	Gujarat Arts and Sciences college
83	Ms.Niharika Das	Female	HNB Garhwal University
84	Ms.KANIKA WADHWA	Female	DCRUST MURTHAL
85	Ms.Garima Tiwari	Female	DCRUST Murthal Sonipat Haryana
86	Ms.Jimoni Saikia	Female	Tezpur University
87	Ms.Nyapu Ngulom	Female	Rajiv Gandhi University
88	Dr.Kajal Rai	Female	Panjab University
89	Ms.Priyanka Yadav	Female	RGU, itanagar
90	Dr.Anu Manchanda	Female	CMR INSTITUTE OF TECHNOLOGY
91	Mrs.Ashwini Ramchandra Doke	Female	CMR institute of Technology
92	Mrs.Swati Mathur	Female	CMRIT
93	Ms.Niharika Jain	Female	Bhupal Nobles University, Udaipur
94	Ms.Kanika Wadhwa	Female	DCRUST MURTHAL
95	Ms.Pubanita Bhuyan	Female	Rajiv Gandhi University
96	Mrs.Aparna Tiwari	Female	North Eastern Hill University
97	Dr.Nilima Despande	Female	Sports Authority of India
98	Ms.YAGGATI BASANTHI	Female	Adoni Arts & Science College
99	Mrs.Kankana Dutta	Female	Dibrugarh University
100	Ms.Bharati Devi	Female	Rajiv Gandhi University
101	Ms.Ambika Marwaha	Female	Government Colleges for Girls, Ludhiana
102	Mrs.KIMASHA BORAH	Female	DIBRUGARH UNIVERSITY
103	Mrs.Sumaiya Farzana	Female	Crescent Institute of Science and Technology
104	Dr.Kabita Dey Das	Female	Sammilani Teachers Training College, Mukundapur, kolkata
105	Ms.Ome Moyong	Female	Rajiv Gandhi University
106	Dr.Munni Choudhary	Female	C.B.L.U.BHIWANI
107	Ms.Thet Thet Htwe	Female	Information and Communication Technology Research Center



## REPORT ON THE TWO DAY WEBINAR Recent Trends in Artificial Intelligence

Male

Sl. No.	Name	Gender	Designation
1	Dr.Manish Dixit	Male	Madhav Institute of Technology and Science
2	Mr.Abdul Azeez	Male	HKBK College Of Engineering
3	Mr.Neelesh Kumar Verma	Male	NIT Kurukshetra
4	Mr.Swapnaneel Dhar	Male	Tripura university
5	Mr.Wahengbam Kanan Kumar	Male	North Eastern Regional Institute of Science and Technology
6	Dr.Heisnam Shanjit Singh	Male	Rajiv Gandhi University
7	Dr.M.Nawaz Khan	Male	Rajiv Gandhi University
8	Mr.KURMENDRA	Male	Rajiv Gandhi University Doimukh Arunachal Pradesh
9	Mr.Huidrom Ajitkumar Singh	Male	Techno Tech
10	Mr.Anil Chamuah	Male	Rajiv Gandhi University
11	Mr.L BOBINSON SINGHA	Male	RGU
12	Mr.Ankur Thakur	Male	Rimt univeraity
13	Mr.Srinivas Mulkalapalli	Male	Geethanjali College of Engineering and Technology
14	Mr.Aniket Rabi Das	Male	Jorhat Engineering College
15	Dr.ABHISHEK GUPTA	Male	A.B.P.C.P New Delhi
16	Mr.SHOBHIT KUMAR	Male	Shri Venkateshwara University
17	Mr.P.SENTHILKUMAR	Male	Madurai Kamaraj University
18	Mr.DEGALA RAJENDRA	Male	Sri Padmavati Mahila VisvaVidyalayam, Tirupati Andhrapradesh
19	Mr.Kartik Mahendrabhai Shukla	Male	C. U. Shah University
20	Mr.Mukund Madhav Tripathi	Male	NMIMS University
21	Mr.Praveen Kumar	Male	Sinhgad Institute Of Business Administration & Computer Application
22	Mr.Susanta Roy	Male	Assam University Diphu Campus
23	Dr.V.Saravanakumar	Male	Sreenidhi Institute of Science and Technology
24	Mr.Ranjan Kumar Behera	Male	Pattamundai College, Utkal University
25	Mr.DEGALA RAJENDRA	Male	Sri Padmavati Mahila VisvaVidyalayam tirupati ap
26	Dr.DEEPAK KUMAR	Male	L.S.M GOVT. P.G. COLLEGE, PITHORAGRAH.
27	Mr.Kailash Prasad Dewangan	Male	Kalinga University
28	Dr.Jagabandhu Behera	Male	Rishi Bankim Chandra College For Women
29	Mr.AMIT KATIYAR	Male	Government Polytechnic Sumerpur Hamirpur
30	Mr.P.Dhayanandh	Male	Periyar University
31	Mr.Shaik Subhani	Male	St. Mary's Women's Engineering College
32	Mr.M. Hari Teja	Male	GITAM University
33	Mr.AMIT PRAMANIK	Male	Alagappa University
34	Mr.DEEPAK ARORA	Male	Punjab Group of Institutes
35	Dr.ISHFAQ ABIDI	Male	SKUAST K
36	Mr.SHIVNATH RAI	Male	Rajiv Gandhi University
37	Mr.SATYENDRA SINGH	Male	Gurukula Kangari Vishwavidyala Haridwar.
38	Dr.Akoijam Amitkumar Singh	Male	Jawaharlal Nehru University





## REPORT ON THE TWO DAY WEBINAR Recent Trends in Artificial Intelligence

39	Mr.BYRAM PRANAYKUMAR	Male	Cmr Engineering College
40	Mr.PAWAN	Male	Derust Murthal Sonipat
41	Mr.DEVENDER KUMAR DHAKED	Male	Rajasthan College Of Engineering For Women
42	Dr.Shougrakpam Ranjit Singh	Male	Modern College, Imphal
43	Mr.Rajiv Kumar	Male	Shobhit Institute Of Engineering & Technology
44	Mr.SARAVANAN N	Male	Garden City University
45	Mr.Umesh Pratap Singh	Male	Srmgpc
46	Mr.Aosanen Walling	Male	Nit Raipur
47	Mr.Joyanta Basu	Male	Cdac Kolkata
48	Mr.Shaik Mohammed Ghouse	Male	Annamacharya Institute Of Technology And Sciences
49	Mr.Mohammad Izazahmad	Male	QIS College Of Engineering And Technology
50	Mr.SAKTHI VEL S.	Male	University Of Kerala
51	Mr.Abhishek Gupta	Male	C.S.J.M. G. P. Ambedkar Nagar U.P.
52	Mr.ABHINAB BORUAH	Male	Tezpur University
53	Mr.MD GHOUSE MOHIDDIN KHAN	Male	Bharathiar University
54	Dr.Mohammad Nasar	Male	Mazoon College
55	Dr.Dr Rajesh Chauhan	Male	S.A.Jain (Pg) College, Ambala City
56	Dr.Kamlesh Rawat	Male	Sd Government College Beawar
57	Mr.Gaurav Sahu	Male	B K Birla Institute Of Engineering & Technology,
58	Mr.R.Aashik Kumar	Male	RMD College Of Engineering
59	Dr.Dr. Amit Kumar Rana	Male	Swami Vivekanand Subharti University, Meerut
60	Dr.HARISH KUMAR SHAKYA	Male	Amity University Gwalior
61	Mr.P RATNA DEEPAK	Male	Chalapathi Institute Of Engineering And Technology
62	Mr.PUSHYAMITRA TIWARI	Male	University Of Allahabad
63	Mr.NESHAT KARIM SHAUKAT	Male	Ouzelsoft Technologies
64	Mr.Naveen Agarwal	Male	Invertis University
65	Dr.Sanjay Kumar Sadana	Male	Mvn University Haryana
66	Mr.Suraj Kumar Saw	Male	Ilit Surat
67	Dr.Lokanath Mishra	Male	Ganjam College, Ganjam
68	Mr.Kashmir Singh	Male	Astha College Of Education
69	Mr.R. MUJEEBUR RAHMAN	Male	St. PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH
70	Mr.Tana Bapu	Male	Rgu
71	Mr.Awaneesh Gupta	Male	United Institute Of Management, Prayagraj
72	Prof.Mahadeb Chattopadhyay	Male	Rajendra Academy For Teachers' Education
73	Mr.RAM PRAKASH S	Male	Ssr College Of Science And Management Studies
74	Mr.DHUPAM ARUN KUMAR	Male	Raghu Institute Of Technology Visakhapatnam
75	Dr.Shivaveerakumar S.	Male	Davangere University
76	Mr.Susanta Roy	Male	Assam University Diphu Campus
78	Mr.Pramit Pandit	Male	Bidhan Chandra Krishi Viswavidyalaya
79	Mr.Ramella Raju	Male	Metas Adventist college



## REPORT ON THE TWO DAY WEBINAR

### Recent Trends in Artificial Intelligence

80	Mr.Ramella Raju	Male	Metas Adventist college
81	Mr.Debabrata Kar	Male	Heritage Institute of Technology
82	Mr.Rev.Fr.Ravi Thanaiiah Marneni	Male	St.Xavier's institutions
83	Dr.Rajesh Kumar Panda	Male	KIIT Deemed to be University
84	Dr.ABDUL RAHAMAN	Male	Manipur University, Canchipur (India) -795003
85	Dr.B RUPLA NAIK	Male	University College of Education Sk University Anantapur district Andhra Pradesh
86	Mr.AGNIVESH GUPTA	Male	HIMT G NOIDA CCS UNIVERSITY MEERUT
87	Mr.Manish Kapil	Male	Vidya Jyoti Eduversity Chandigarh
88	Mr.MANURANJAN CHUTIA	Male	RAJIV GANDHI UNIVERSITY,
89	Dr.Dr Munawar Fazal	Male	College of Commerce, Arts & Science, Patna-20, Patliputra University, Patna-20, Bihar
90	Mr.Ajay kumar rai	Male	RAJIV GANDHI UNIVERSITY ARUNACHAL PRADESH
91	Prof.BHUPESH UMATH	Male	RGPV BHOPAL
92	Dr.Deepak Pancholi	Male	Madhav University
93	Mr.RUH ULLAH KHAN	Male	Rajiv Gandhi University
94	Dr.Sachin Kaothekar	Male	Mahakal Institute of Technology and Management
95	Dr.Jnaneshwar Pai Maroor	Male	Justice K.S. Hegde Institute of Management
96	Mr.MANON KUMAR TRIPATHI	Male	VBS PURVANCHAL UNIVERSITY
97	Dr.Rajesh Kumar	Male	SBPG College Dadar Ashram Sikanderpur Ballia U P
98	Mr.Mummadi Rama Chandra	Male	Sreenidhi Institute of Science and Technology
99	Prof.Mohamed jebran P	Male	VTU ,HKBKCE
100	Mr.Shahil Ahmed	Male	Rajiv Gandhi University
101	Dr.Hares Ahmed Qureshi	Male	Dr Babasaheb Ambedkar Marathwada University Aurangabad Maharashtra
102	Mr.Syed Hauider Abbas	Male	S.V.University
103	Mr.Mohd Vasim Ahamad	Male	ZHCET, Aligarh Muslim University
104	Mr.AJAY KUMAR PRAJAPATI	Male	North Eastern Hill University
105	Mr.Nabam Rikam	Male	Rajiv Gandhi University
106	Mr.Keerthipati Kumar	Male	Al Musanna College of Technology
107	Mr.RAKESH SHARMA	Male	RAJIV GANDHI UNIVERSITY
108	Mr.Rubul Kumar Bania	Male	North Eastern Hill University, Tura Campus
109	Mr.Mrinal Jyoti Sarma	Male	RGU
110	Mr.Devendra Singh Rathore	Male	Rabindranath Tagore University
111	Mr.Maibam Sanju Meetei	Male	Rajiv Gandhi University
112	Dr.Dr. Ravi Ranjan Kumar	Male	Rajiv Gandhi University (A Central University)
113	Mr.GANDAM ANAND SIVA	Male	GVP-SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
114	Mr.BHASKAR JYOTI CHUTIA	Male	Rajiv Gandhi University
115	Mr.Hage Nomo	Male	Rajiv Gandhi University
116	Mr.SATISH KUMAR DAS	Male	RAJIV GANDHI UNIVERSITY
117	Dr.Rupla Naik	Male	University College of Education Sk University
118	Mr.Abhik Paul	Male	North Eastern Hill University



## REPORT ON THE TWO DAY WEBINAR

### Recent Trends in Artificial Intelligence

119	Mr.BISHAL SARMA	Male	Rajiv Gandhi University
120	Mr.HARIDUTT SHARMA	Male	DN PG COLLEGE GULAOTHI
121	Mr.Pulak sarmah	Male	Rajiv Gandhi University
122	Mr.Adarsh jha	Male	Jorhat engineering college
123	Mr.Mykinson Surong	Male	NEHU, Tura Campus
124	Mr.Shahrukh Mushtaq	Male	National Institute of Technology , Srinagar
125	Mr.Utpal jyoti nath	Male	Assam science and technology university
126	Mr.Hage Tamo	Male	Rajiv Gandhi university
127	Mr.Siddhartha Shankar Kashyap	Male	Rajiv Gandhi University, Arunachal Pradesh
128	Mr.MOHAMMED MATEENUDDIN SIDDIQUI	Male	..
129	Mr.Tabu Nilling Lingking	Male	Dera natung govt college , itanagar
130	Mr.DAI HARING	Male	Rajiv Gandhi university
131	Mr.DEVENDER KUMAR DHAKED	Male	RAJASTHAN COLLEGE OF ENGINEERING FOR WOMEN
132	Dr.Satbir Singh	Male	Vaish College, Bhiwani
133	Dr.Balaji Koturu	Male	East point college of higher education
134	Mr.Sushant Kumar Nayak	Male	Rajiv Gandhi University
135	Dr.Firos A	Male	Rajiv Gandhi University
136	Dr.Vuppu Padmakar	Male	Methodist College of Engineering and Technology
137	Prof.GANAPATHI AVABRATH	Male	East Point College of Higher Education Bangalore
138	Dr.RAVULA KRISHNAIAH	Male	University of Hyderabad
139	Mr.Debashis Baruah	Male	Baksa Polytechnic, Belguri Pathar, Assam
140	Mr.Pankaj Kumar Rawat	Male	GCRG Memorial Trusts Group of Institutions Lucknow
141	Mr.SAMIRAN DAS	Male	GAUHATI UNIVERSITY
142	Mr.Subhendu Manna	Male	Rajiv Gandhi University
143	Mr.Uddipan Roy	Male	HNB Garhwal University
144	Mr.Pawan	Male	DCRUST MURTHAL HARYANA
145	Mr.GANDAM ANAND SIVA	Male	GVP-SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
146	Mr.BIBEK KUMAR DUBEY	Male	Rajiv Gandhi University Rono Hills Doimukh
147	Mr.Amit Kumar Mandal	Male	Moridhal College
148	Mr.KAPIL GANDHI	Male	KIET GROUP OF INSTITUTIONS
149	Mr.Neelutpol Gogoi	Male	Hindustan university
150	Dr.Surendra Kumar	Male	State council of educational research and training Mahendru Patna
151	Mr.Jumi Karlo	Male	RGU
152	Mr.SK MIR HUSSAIN	Male	DONYI POLO B.ED COLLEGE
153	Dr.Kumar Sharma	Male	University of Kalyani
154	Mr.Hemant Mathur	Male	Jaipur National University Jaipur
155	Mr.SWAMINATHAN.S	Male	SRC SASTRA DEEMED UNIVERSITY
156	Mr.LIPUN SAHOO	Male	RNIASE, CUTTACK
157	Dr.MARXIA OLI . SIGO	Male	National Institute of Technology Sikkim



## REPORT ON THE TWO DAY WEBINAR Recent Trends in Artificial Intelligence

158	Mr.Jagdeep Rahul	Male	Rajiv Gandhi University
159	Mr.Sagar S	Male	VTU
160	Mr.Ngamlenmang Touthang	Male	Manipur University
161	Dr.Shougrakpam Ranjit Singh	Male	Modern College, Imphal
162	Mr.Rajo Rallen	Male	Rajiv Gandhi University
163	Mr.M. Hari Teja	Male	GITAM University
164	Mr.Farhan Khan	Male	Integral University
165	Mr.Nazarat ahmed	Male	I.k gujral punjab technical university.
166	Mr.Subrata Dey	Male	ICMR-NATIONAL INSTITUTE OF NUTRITION
167	Dr.Heisnam Rohen Singh	Male	Jorhat Engineering College, Jorhat, Assam
168	Mr.HANUMAN MAURYA	Male	BBAUIET Lucknow
169	Mr.Subhomoy Dey	Male	Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya, Amjonga
170	Mr.Bikash Chetry	Male	RGU
171	Mr.Siddhartha Dhar Choudhury	Male	SRM Institute of Science and Technology
172	Mr.Takar Londa	Male	Arunodaya university
173	Mr.Soumya deb Banerjee	Male	Yeaqub Ali B.ed college
174	Mr.Tailang napa	Male	Arunodaya university

**Male : Female ratio is 174 : 107**

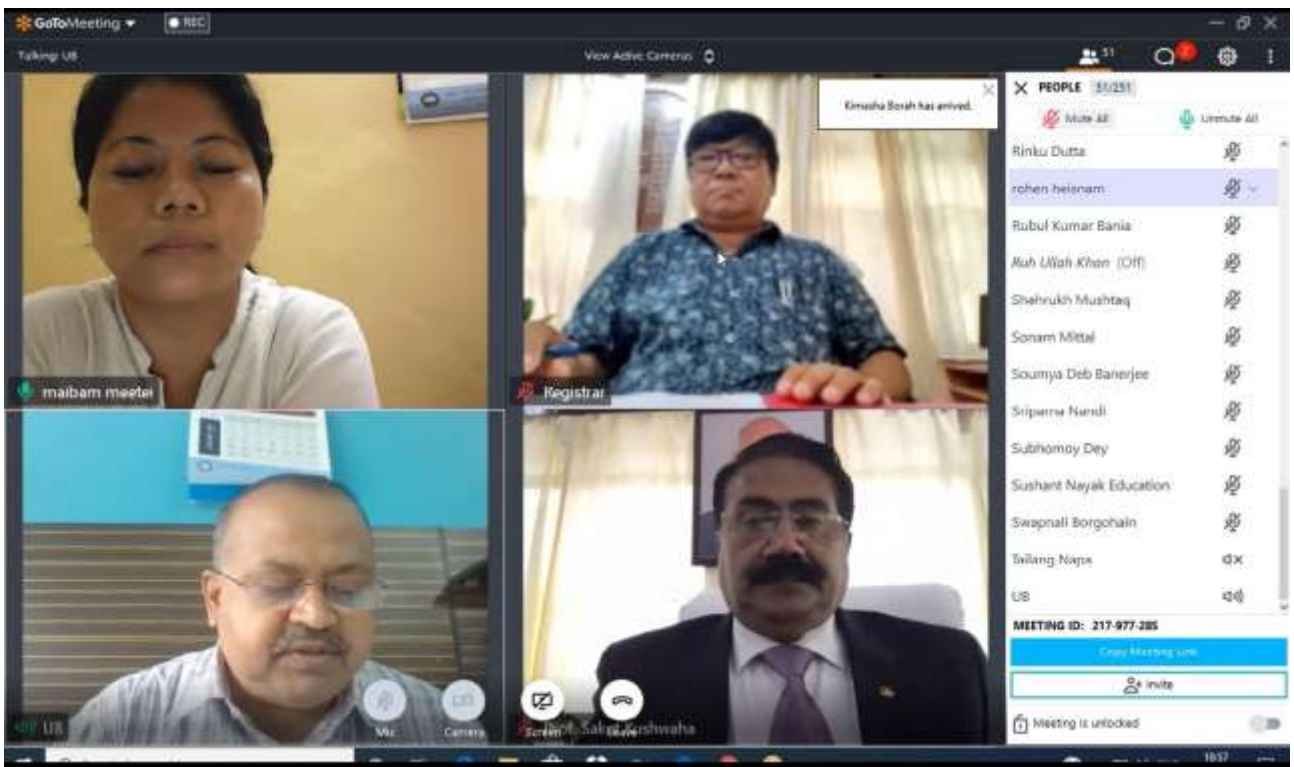
**Total Participants: 281**



# REPORT ON THE TWO DAY WEBINAR

## Recent Trends in Artificial Intelligence

### Appendix - 3: Photograph





# REPORT ON THE TWO DAY WEBINAR

## Recent Trends in Artificial Intelligence

**Content**

- What does Artificial Intelligence (AI) means?
- History of Artificial Intelligence
- Applications of AI
  - Game Playing
  - Automated Reasoning & Theorem Proving
  - Natural Language Understanding & Semantic Modeling
  - Planning & Robotics
  - Machine Learning
  - Prediction of Judicial Decisions
- AI in Agriculture
- Artificial Intelligence in Medicine
- AI and the coronavirus fight: How artificial intelligence is taking on COVID-19
  - General procedure of AI and non-AI based applications that help general physicians to identify the COVID-19 symptoms.
  - Main Applications of AI in COVID-19 Pandemic.
- Future Technology
- Conclusion

**Introduction to AI, Machine Learning and their Real World Applications**

Presented By:  
Dr. Vijay Kumar Bohat  
Assistant Professor, Bennett University.

MEETING ID: 669 895 649

Copy Meeting Link

Meeting is unlocked



# REPORT ON THE TWO DAY WEBINAR

## Recent Trends in Artificial Intelligence





## REPORT ON THE TWO DAY WEBINAR Recent Trends in Artificial Intelligence

### Appendix - 4: Media Coverage

1. <https://arunachaltimes.in/index.php/2020/06/19/webinar-on-ai-gets-underway-at-rgu/>

6/25/2020

Webinar on AI gets underway at RGU | The Arunachal Times

### Webinar on AI gets underway at RGU

June 19, 2020



**RONO HILLS, Jun 18:** A two-day webinar on 'Recent trends in artificial intelligence (AI)' got underway at Rajiv Gandhi University here on Thursday. It is being conducted by the university's electronic & communication and computer science & engineering department.

Addressing the inaugural programme, RGU Vice Chancellor, Prof Saket Kushwaha said, "In this Covid-19 pandemic situation, AI can be integrated with existing technologies to improve the teaching-learning experience in the educational system."

AI-based machines could be used to treat coronavirus patients "as it would involve very less direct intervention of frontline workers and they would be protected from infection," he said.

Pro-VC, Prof A Mitra spoke on how AI can be used to make India "one of the best technological countries," while Registrar, Prof Tomo Riba said that AI "has brought revolutionary changes in technology and the way we use technology."

Computer Science & Engineering Head, Prof Utpal Bhattacharjee said "AI is one of the most rapidly growing technologies in science," and added that "the present state of technologies needs to be upgraded, and it is possible by using AI."

NIT-Manipur Associate Professor, Dr Aheibam Dinamani Singh presented an overview of AI and its applications in different fields of technology.

"AI is breaking frontiers in the fields of medicine and agriculture," Dr Singh said, and stressed on using AI technology "as a practicable option to fight the current Covid-19 pandemic."

The first day of the webinar was attended by more than 100 participants from various universities and colleges.





# REPORT ON THE TWO DAY WEBINAR

## Recent Trends in Artificial Intelligence

- [www.easternsentinel.in/news/state/webinar-on-artificial-intelligence-commences-at-rgu.html](http://www.easternsentinel.in/news/state/webinar-on-artificial-intelligence-commences-at-rgu.html)

6/25/2020 Eastern Sentinel | News

<http://www.easternsentinel.in>

Latest News

Home (<http://www.easternsentinel.in/index.php>) / State

### WEBINAR ON ARTIFICIAL INTELLIGENCE COMMENCES AT RGU ([HTTP://WWW.EASTERNSENTINEL.IN/NEWS/STATE/WEBINAR-ON-ARTIFICIAL-INTELLIGENCE-COMMENCES-AT-RGU.HTML](http://www.easternsentinel.in/news/state/webinar-on-artificial-intelligence-commences-at-rgu.html))

18th Jun 2020 12:08 AM



ROHO HILLS, Jun 18: A two-day webinar titled 'Recent Trends in Artificial Intelligence' commenced today here at the Rajiv Gandhi University organized by its Department of Electronics & Communication and Computer Science & Engineering. RGU VC Professor Saket Kushwaha opened that Artificial Intelligence (AI) can be integrated with the existing technologies to improve the teaching-learning experience amid the current Covid-19 pandemic and highlighted its role in treatment of corona patients. Pro-VC Professor A. Mitra underscored the importance of AI and how it can be used to make India one of the best technological countries in the world. Registrar Professor Tomo Riba said that AI has brought revolutionary changes in the technology sector particularly in its usage. Head, Department of Computer Science & Engineering Professor Utpal Bhattacharjee said existing technologies need to be upgraded which is possible by using AI. Associate Professor, National Institute of Technology (NIT) Manipal and Resource Person of the webinar Dr. Anilbarn Dinarani Singh gave an overview of AI and its applications in different fields to technology and highlighted its applicability in fighting the pandemic. Malham Sarju Meitei and Bonhan Kemlak Bam were the conveners of the webinar which was attended by more than one hundred participants from various universities and colleges across the country. RGU PR

**Kenter Joya Riba**  
(Managing Editor)  
She is a graduate in Science with post graduation in Sociology from University of Pune. She has been in the media industry for nearly a decade. Before turning to print business, she has been associated with radio and television.  
Email: [kenterjoya@easternsentinel.in](mailto:kenterjoya@easternsentinel.in) / [editoreasternsentinel@gmail.com](mailto:editoreasternsentinel@gmail.com)  
Phone: 0360-2212313

[Back to News List](http://www.easternsentinel.in/news/State/)

- <https://nenow.in/north-east-news/aranachal-pradesh/aranachal-rgu-hosts-international-webinar-on-global-health-amid-covid-19-crisis.html>

HOME NORTH EAST NEIGHBOURS BUSINESS ENTERTAINMENT SPORTS ENVIRONMENT CITIZEN JOURNALISTS OPINION

M.Com | MA (Education) | MA (App. Psychology)

ONLINE ADMISSION GOING ON [www.namindia.org](http://www.namindia.org) | [namindia@gmail.com](mailto:namindia@gmail.com)

### Aranachal: Survey continues to compensate Meghna's affected families

Mizoram: 46-year-old pastor transports locals from quarantine centres for free

Assam govt fixes prices of vegetables to be sold in Kamrup Metro during lockdown

New China doubles down on claims on Eastern Bhutan boundary

Publish paper within 48 hrs



## REPORT ON THE TWO DAY WEBINAR Recent Trends in Artificial Intelligence

4. <https://latestbreakingnewsupdates.com/webinar-on-ai-gets-underway-at-rgu/>

**Webinar on AI gets underway at RGU**

By **ADITHYAN**  
Posted on June 19, 2020

RONOHILLS, Jun 18: A two-day webinar on 'Recent trends in artificial intelligence (AI)' **recently** underway at Rajiv Gandhi University right here on Thursday. It is being carried out by the university's digital & communication and laptop science & engineering division. Addressing the inaugural programme, RGU Vice **Chancellor**, Prof. Saket Kushwaha stated, "In this Covid-19 pandemic situation, AI can be integrated with existing technologies to improve the teaching-learning experience in the educational system." AI-based machines may very well be used to deal with coronavirus sufferers "as it would involve very less direct intervention of frontline workers and they would be protected from infection," he stated. Pro-VC, Prof. A. Mitra spoke on how AI can be utilized to make India "one of the best technological countries," whereas Registrar, Prof. Tomo Riba stated that AI "has brought revolutionary changes in technology and the way we use technology." Computer Science & Engineering Head, Prof. Utpal Bhattacharjee stated "AI is one of the most rapidly growing technologies in science," and added that "the present state of technologies needs to be upgraded, and it is possible by using AI."

5. <https://arunachaltimes.in/index.php/2020/06/20/rgu-conducts-webinar-using-matlab/>

### Webinar on AI concludes

Meanwhile, the university's two-day webinar on 'Recent trends in artificial intelligence' concluded on Friday. It was organized by RGU's electronic & communication and computer science & engineering department.

Basic Sciences Faculty Dean, Prof. Sanjeev Kumar said that AI such as Siri and Alexa makes the people smarter in their daily life, and called for developing more efficient AI devices "which can help us in the field of medical sciences."

Electronics & Communication Head, Jagdeep Rahul described AI as the future of "virtually every industry and every human being."

Dr. Vijay Kumar Bohat from Noida (UP)-based Bennet University spoke on the topic of 'Introduction to AI, machine learning and their real world applications in different fields to technology'.

Prof. Vijay Kumar Nath from Tezpur University (Assam) deliberated on the topic of 'Some developments on local pattern-based texture descriptors for content-based image retrieval for future extraction'.

The webinar was attended by more than 100 participants from various universities and colleges in India and abroad.