

Swami Swatantranand Memorial College, Dinanagar

A Multi Faculty, Post Graduate Co-Educational Institution

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Report On

*Webinar on 'Emerging
Technology in
Computing'*

*On
26th November 2020*



Organized by:

P.G. Department of Computer Science & IT

2020-21

Website: www.ssmdinanagar.org

Email: ssmdnn@yahoo.com

Webinar on ‘Emerging Technology in Computing’ (Research Methodology)

Objective:

- To discuss the emerging trends in computer science and information technology

Resource Person:

- **Dr. Maninder Singh** (Professor and Head, Department of Computer Science, Guru Nanak Dev University, Amritsar)
- **Dr. Gurvinder Singh** (Professor, Department of Computer Science, Guru Nanak Dev University, Amritsar)

Technology is ever changing. There is a number of emerging technologies such as educational technology, Information technology, nano technology, biotechnology, cognitive science, robotics, and artificial intelligence. The webinar was conducted via Zoom Platform. The event started at 2:00 pm with welcome speech by Prof. Monika, Assistant Professor from P.G. Department of Computer Science & IT. She welcomed resource persons Dr. Maninder Singh, Professor and Head, Department of Computer Science, Thapar University, Patiala, Dr. Gurvinder Singh, Dean, Faculty of Engg. & Tech. Professor, Department of Computer Science, Guru Nanak Dev University, Amritsar, Faculties from various institutions and participants of the event. She also introduced the objective of the webinar.

Principal Dr. R.K. Tuli addressed special guest and the participants. He also highlighted achievements of the college. The resource person Dr. Maninder Singh discussed basic concepts of IOT and Networking. He highlighted the next wave of technology, Role of IPv6 and Facts of Internet Connectivity.

Dr. Gurvinder Singh discussed the concept of Artificial Intelligence and Machine Learning. There was question answer session, in which both speakers give answer to the queries from participants. At the end, Prof. Monika gave Vote of thanks. The presentation by speakers was very informative. The delegates of the webinar had given excellent feedback. The overall feedback of the session by the participants reflected their satisfaction.

Outcomes:

- Students come to know about various concepts and terminology regarding machine learning and artificial intelligence that will definitely help the students in their futuristic approach in

the changing market scenario.

- These technologies contribute in reshaping the world faster than ever before. The webinar helped the participants to understand these emerging technologies and their functions.

Attendace link
https://ssmdinanagar.org/pdf/_Emerging%20Technology%20in%20Computing_(Registration%20Form)%20(Responses).xlsx
You Tube link
https://www.youtube.com/watch?v=ZN2Zq5rQ7J8

Brochure



Swami Swatantranand Memorial College, Dinanagar
Gurdaspur, Punjab, India
Affiliated to Guru Nanak Dev University, Amritsar



P.G. Department of Computer Science & IT Organises a Webinar
On

"EMERGING TECHNOLOGY IN COMPUTING"
on 26 Nov. 2020 From 2:00 PM To 4:00 PM



PATRON
Dr. R.K.Tuli
Principal



RESOURCE PERSON
Dr. Maninder Singh
Professor and Head
Department Of Computer Science
Thapar University, Patiala



RESOURCE PERSON
Dr. Gurvinder Singh (Professor)
Department Of Computer Science
Guru Nanak Dev University, Amritsar



CONVENER
Monika
Assistant Professor
P.G. Department Of
Computer Science & IT

Live Streaming
Zoom Platform
Youtube Channel
Facebook Channel

COORDINATOR COMMITTEE

- Dr. Sunny
- Ramnik Tuli
- Samita
- Lakhwinder Singh
- Amit Kumar

Registration Link

<https://forms.gle/rXSp8nZRMk7fq7bx5>

FOR INQUIRY (Join)
Teligram ink

1. ssmwebinaramit@gmail.com
2. <https://t.me/webinarcom>

ADVISORY COMMITTEE

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- Shinder kaur

E-Certificate will be provided to registered participants after submission of feedback form
Contact Detail : 9877042178, 8283027645, 9988057451

Highlights of the Webinar and News report

MACHINE LEARNING FOR INTERNET OF THINGS

IoT Big Data Analytics

TensorFlow
Deep Learning & Machine Learning with TensorFlow

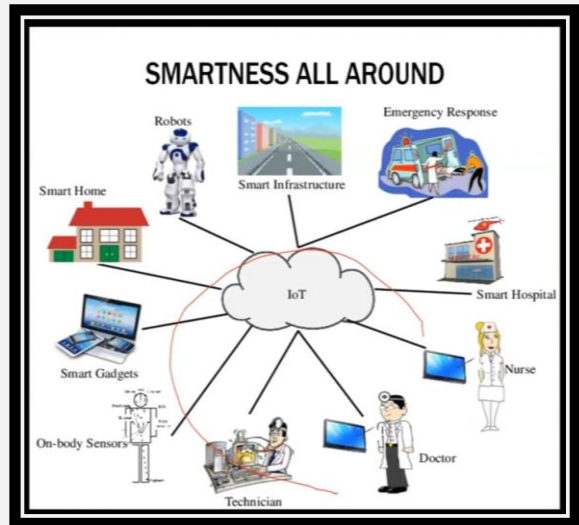
Information & the Internet of Things

Today, data scientists lean out of petabytes, but soon, terabytes will measure the volume of sensor data generated by the Internet of Things.

PYTHON THE FASTEST GROWING OPEN DATA SCIENCE PLATFORM

ANACONDA

Prof. Dr. Gurvinder Singh
Former Dean, Faculty of Engineering and Technology
Professor, Computer Science
GNDU, Amritsar



Go to www.menti.com and use the code 81 64 53

How big is IPv4 address space ?

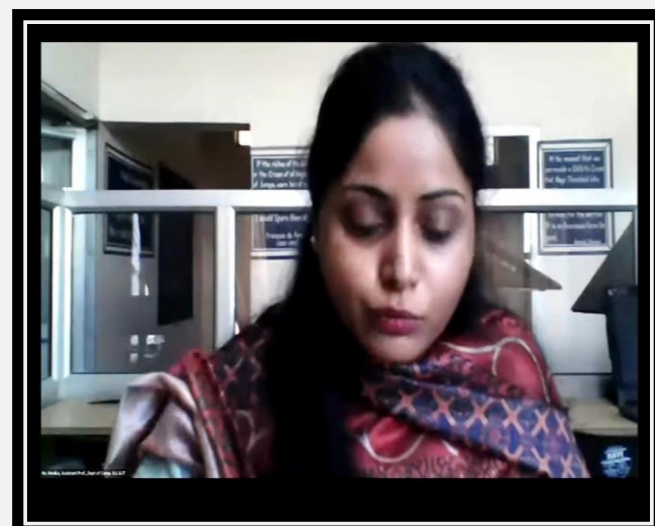
0 0 0

~half of the world population
~double the world population
~as big as world population

00:09

Handwritten notes on a whiteboard:

- 9854 (circled in red)
- 9856
- 128
- 256
- 2³² ADDR
- ~1/2 world pop.
- 4 billion
- 12 billion



एसएसएम कॉलेज में वेबीनार का आयोजन

दीनानगर/आनंद : एस.एस.एम. कॉलेज, दीनानगर में स्नातकोत्तर कंप्यूटर साइंस व इनफॉर्मेशन टेक्नोलॉजी विभाग द्वारा प्रि.डॉ.आर.के.तुली जी की अध्यक्षता में एमरजिंग टेक्नोलॉजी इन कंप्यूटिंग विषय पर वेबीनार का आयोजन किया गया। इसमें कुजीवंत कवता डॉ.मनिंदर सिंह (कंप्यूटर साइंस एवं इंजीनियरिंग विभाग, थापर यूनिवर्सिटी पटियाला) तथा ससाधन व्यक्ति डॉ.गुरविंदर सिंह (कंप्यूटर साइंस विभाग गुरु नानक देव यूनिवर्सिटी, अमृतसर) विशेष रूप से उपस्थित रहे। प्रि.डॉ.आर.के.तुली ने कहा कि सूचना प्रौद्योगिकी हमारे जीवन का अभिन्न अंग है, जिसका प्रयोग हमारे दैनिक व्यवहार और प्रत्येक क्षेत्र में हो रहा है। प्रो.मोनिका ने वेबीनार की रूप-रेखा की जानकारी दी। डॉ.मनिंदर सिंह ने 'सिखोरिटी एण्ड सरवाइवल इन द हाईपर कनेक्टेड वर्ल्ड' पर विस्तार से जानकारी दी। डॉ. गुरविंदर सिंह ने आई.ओ.टी. एंड मशीन लर्निंग के उपयोग क्षेत्र व फायदे के बारे में बताया। इस अवसर पर प्रोग्राम कोऑर्डिनेटर प्रो.रमनीक तुली, टैक्निकल कोऑर्डिनेटर प्रो.अमित कुमार, प्रो.समिता, डॉ.विशाल महाजन, डॉ.हरिंदर कोर, डॉ.सनी कुमार, प्रो.लखविंदर सिंह, प्रो.पुनीत ओहरी, प्रो.जितेंद्र कुमार, प्रो.कीर्ति पटानिया, प्रो.नीरू बाला, प्रो.कुलविंदर कोर, प्रो.पूतम सेनी, प्रो.शिवंदर कोर भी उपस्थित थे।



(Signature)
Principal
SWAMI SWATANTRANAND MEMORIAL COLLEGE
Dinanagar (Gurdaspur)