MAHARASHTRA MAHAVIDYALAYA NILANGA



(Arts, Commerce, Science, Information Technology & Vocational)

Re-Accredited "B+" Grade (CGPA-2.62)

NILANGA – 413521 Dist.Latur (Maharashtra State)

Dr. M.N. Kolpuke M.Sc. Ph.D.(Zoology) Principal

Academic Year 2023-2024 Organized by Department Of Computer Science

Computing Skills Program

Resource Faculty:-Mr. G. S. Mehtre CLASS- BCA T. Y.

Date - 21/09/2023

Total Participant: - 24

TOPIC-Cyber Security Skills

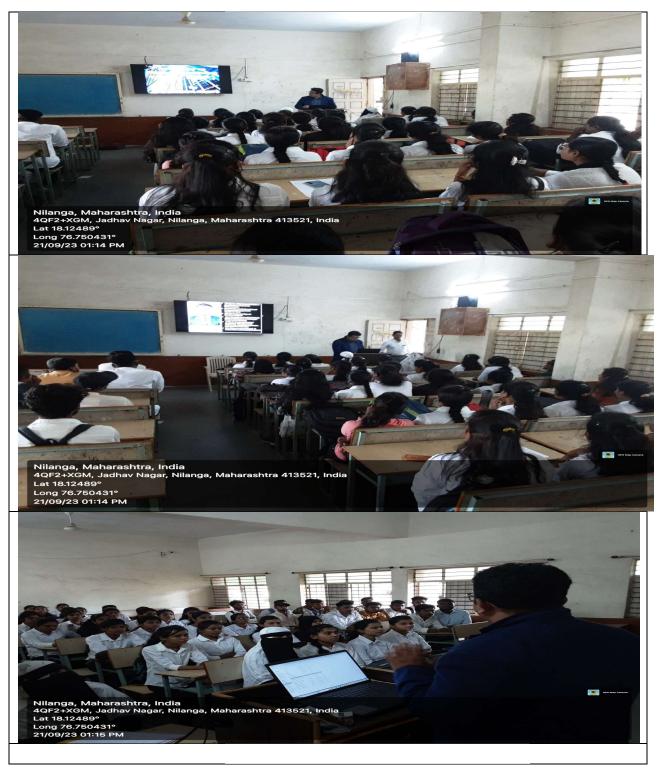
Brief Report:

Cyber security, also referred to as **information technology security**, focuses on protecting computer systems, networks, and data from theft, damage, or unauthorized access. In today's interconnected world, cyber threats can come from various sources, including hackers, malicious software, and even disgruntled employees. The primary goal of cyber security is to ensure the confidentiality, integrity, and availability of data.

Types of Cyber security

- **Network security:** This involves measures to protect the integrity, confidentiality, and availability of data as it is transmitted across or accessed from networks. Techniques include firewalls, intrusion detection systems, and VPNs.
- Information security: This focuses on protecting data from unauthorized access, ensuring its confidentiality, integrity, and availability (otherwise known as the "CIA triad"). Protection measures employ both digital methods like cryptography and non-digital methods like the physical security of data centers and server rooms.
- Endpoint security: This concentrates on securing endpoints or "end-user" devices like computers, mobile devices, and laptops. Tools used include antivirus and antimalware software.
- Cloud security: This area focuses on protecting data stored in cloud-based systems, which are increasingly relied upon by businesses and individuals.
- Application security: This ensures that software applications are secure from threats. It includes the use of software, hardware, and procedural methods to protect applications from external threats.
- Identity and access management (IAM): This ensures that only authorized individuals can access certain resources, using tools like multi-factor authentication.

Photographs:



Tanning Outcome:-

- 1 Students will understand principles of web security.
- 2 Students will understand key terms and concepts in cyber law, intellectual property and cyber crimes, trademarks and domain theft.



Maharashtra Shikshan Samiti's

Maharashtra Mahavidyalaya, Nilanga Academic Year 20 23 - 24

Department of BCA

Innovative Teachi	g Practices:	ICT	Enabled	Teaching
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Name of the Teacher:	ME. G. S. Me	htre		
Class: BCA TY Sem .: I	Title of the paper:	CybeE	Security	skill
Title of the Teaching Unit: _	Cyber Security	,	Paper No.	
T pe of the ICI Tool: Audio	o/Video/PPT/VR Tour/oth	ier I	The same of the sa	
Date: 2/109/2023	Hall/ Lab. No.	98	Time: 0/0:00	2:00 PM

Attendance

Sr. No	Name of the Student	Signature
1	MANE SNEHA SHESHERAD	-gneha
2	Jadhav Sontosh Jaychandea	Bantosh
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Dr. M.N. Kolpuke M.Sc. Ph.D.(Zoology) Principal

Academic Year 2023-2024 Organized by Department Of Computer Science

Computing Skills Program

Resource Faculty:-Mr. Ashok Panchal CLASS-BCA F.Y.

Date: 20/01/2024

TOPIC-Artificial Intelligence Skills
Total Participant Students: 46
Brief Report:-

Artificial intelligence (AI) is the theory and development of computer systems capable of performing tasks that historically required human intelligence, such as recognizing speech, making decisions, and identifying patterns. AI is an umbrella term that encompasses a wide variety of technologies, including machine learning, deep learning, and natural language processing (NLP).

Although the term is commonly used to describe a range of different technologies in use today, many disagree on whether these actually constitute artificial intelligence. Instead, some argue that much of the technology used in the real world today actually constitutes highly advanced machine learning that is simply a first step towards true artificial intelligence, or "general artificial intelligence" (GAI). Yet, despite the many philosophical disagreements over whether "true" intelligent machines actually exist, when most people use the term AI today, they're referring to a suite of machine learning-powered technologies, such as Chat GPT or computer vision, that enable machines to perform tasks that previously only humans can do like generating written content, steering a car, or analyzing data.

Photographs:







Tanning Outcome:-

- 1 Students will be able to compare AI with human intelligence and traditional information
- 2 processing and discuss its strengths and limitations as well as its application to complex and human-centered problems.
- 3 Students Will be able to apply the basic principles, models, and algorithms of AI to recognize, model, and solve problems in the analysis and design of information systems.

Nilanga. Nilanga.

Principal

Principal Maharashtra Mahavidyalaya Nilanga 413521 Dist Latur

Maharashtra Shikshan Samiti's

Maharashtra Shikshan Samiti's Maharashtra Mahavidyalaya, Nilanga Academic Year 2023-24 Department of BCR

Innovative Teaching Practices: ICT Enabled Teaching

Name of the Teacher:	ME. Ashok Pa	nchad	
Class: BCA FY Sem .: II'S	Title of the paper:	AEtific	ial Intelligence skil
Title of the Teaching Unit:	Etificial Intel	ligence.	Paper No.:
Type of the ICT Tool: Audio/	Video/PPT/VR Tour/o	other IC	T
Date: 20/01/2020	Hall/ Lab. No.	08	Time: 10:30: 12:00

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19	Junga Danshi Shankor vijaykuman	
20	Dhairya Rohan Madhukar	gohy_
21	Phage Sujata Rajendra	Danida
22	Deshmukh priyanka Sanyay	prigata
23	Davane vaistinavi Bavaji	Maishnaui
24	Choudhary Shraddha Baby	Storaldles
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27	Birmadare Arijun Shivoji	(A) MIUN
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Signature of the Teacher

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Me. Ashok pemchal