Department of Computer Science

Report of Certificate Course
DURATION:22-03-2022 TO 08-04-2022(daily one hour)

Topic: "BASICS OF CYBER SECURITY"

RESOURCE PERSON: Mr. Sachin Sathe, Cyber Security Expert and Lead Auditor,

Mr. Piyush Varma, Cyber Forensic Expert
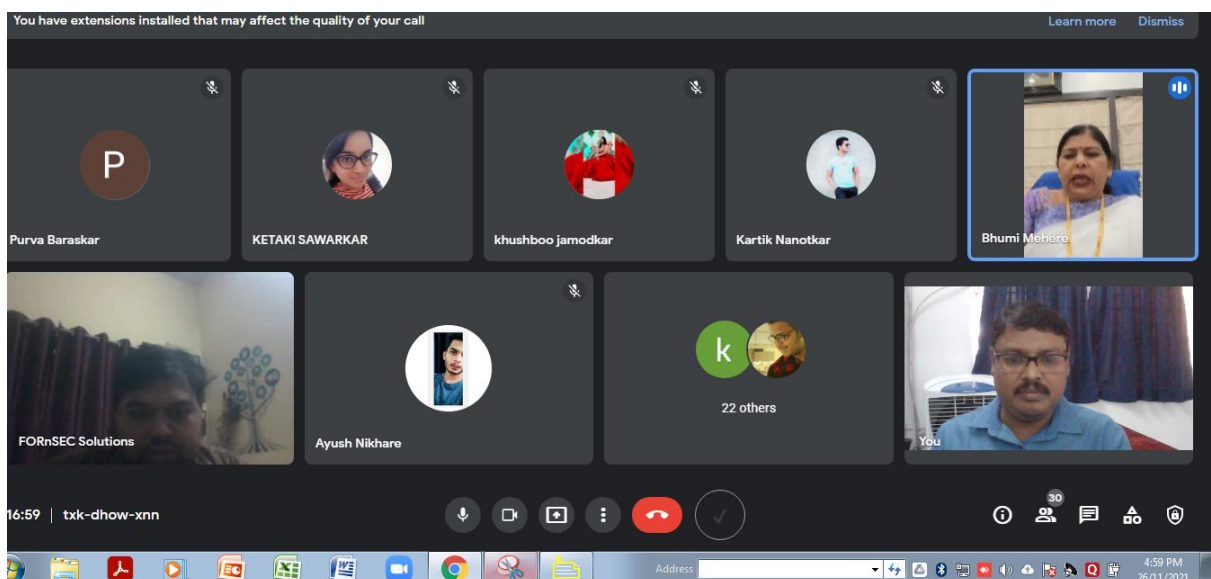
Inaugural Session

Department of computer science under jeevan shikshan abhiyan Department of Lifelong Learning and extension Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur conduct 15 hours short term certificate course program for B.sc. Final year students. syllabus for this course is formulate as need base for final year students by the expert in the field of cyber security.
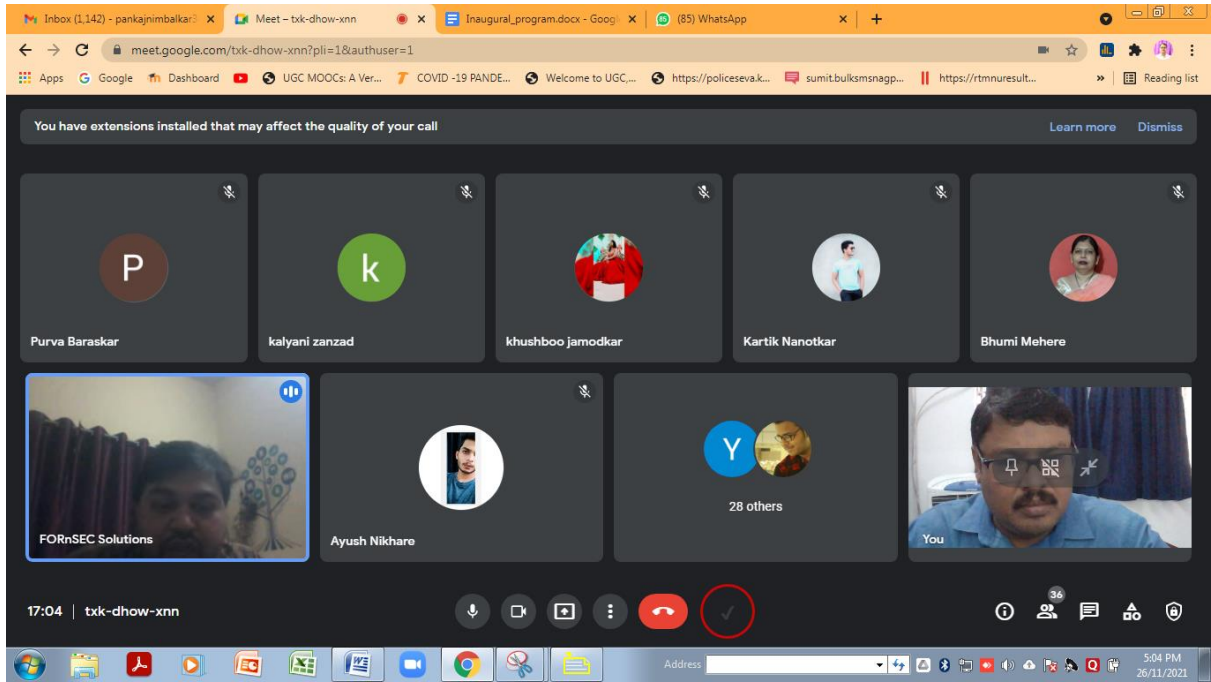
It is credit base system course .After the completion of course Examination will be conducted by the college under the control of Dept. of Lifelong Learning & Extension RTM Nagpur University and Grade will given to the student.

Dr. Mrs B. A. Mehere Madam, Principal of the college, was president of Inaugural function.

Mr. Sachin sathe and Mr. Piyush verma also enlighten on this occasion.

Dr. P. Nimbalkar conducted the program and also proposed a formal vote of thanks.
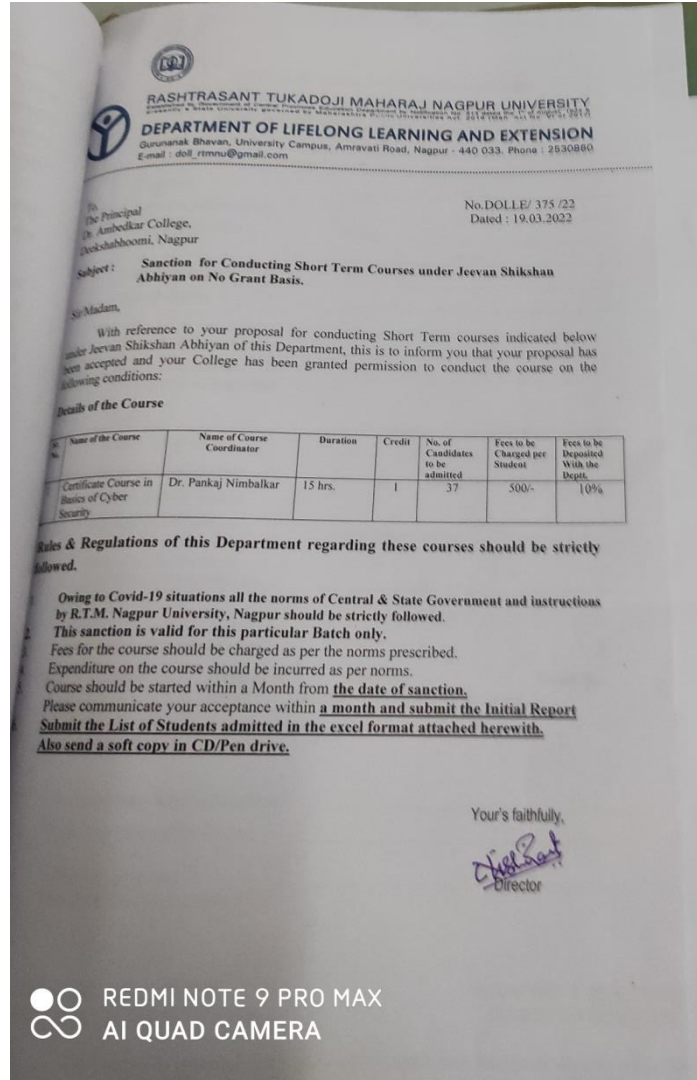
Inauguration of certificate Course Basics in cyber Security

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List of students appearing for exam

Approval letter from Department of Lifelong learning and Extension Rashtrasant Tukdoji Maharaj Nagpur University,Nagpur

Teaching Plan for Cerificate Course Basics of Cyber Security

Sr No.	Daily hour	Day	Topic
1	1	1st Day	Fundamental of Cyber Security and Cyber Forensic -Understanding of Cyber forensic -Understanding of Cyber Security
2	1	2nd Day	Provide overview of Internet Security. -Introduction to Cyber Crime. -Types of Cyber Crime -Types of Cyber forensic
3	1	3rd Day	Introduction to Cyber forensic Investigation. -Computer forensic Investigation Steps - Role of Forensic Investigator - Key steps in Forensic Investigation
4	1	4th Day	About Digital Evidence & Technologies -Role of digital evidence -Type of Digital Data
5	1	5thDay	-Search and Seizure of Evidence -Search and Seizure with warrant and without warrant
6	1	6thDay	-Evidence collection -Packaging and Transporting Electronic Evidence
7	1	7thDay	-To learn the latest Internet security techniques, firewalls etc. -To provide a basic knowledge of ethical hacking
8	1	8thDay	-Facebook hacking and security - Android hacking -Android Security
9	1	9thDay	-E-mail Security -Types of malware -Security from malware
10	1	10thDay	-Introduction to Trojans, Viruses -Web Security - Attacks and Prevention.
11	1	11thDay	-Ethical Hacking Methodology -Securing Digital Media and System.
12	1	12thDay	-Online Banking and Credit Card Safety. -How to surf securely online.
13	1	13thDay	-Footprinting Reconnaissance and Enumeration. -Network Hacking and Scanning, Sniffing.
14	1	14thDay	-Introduction to Cryptography -Cryptography techniques and tools
15	1	15thDay	-Introduction to Steganography -Steganography techniques and tools
16	1	16thDay	Case Study and Live Demo
17	1	17thDay	-Future Scope in this Field -Scope and Job Opportunities

Dr. P.V. Nimbalkar (Course Co-ordinator)
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