

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

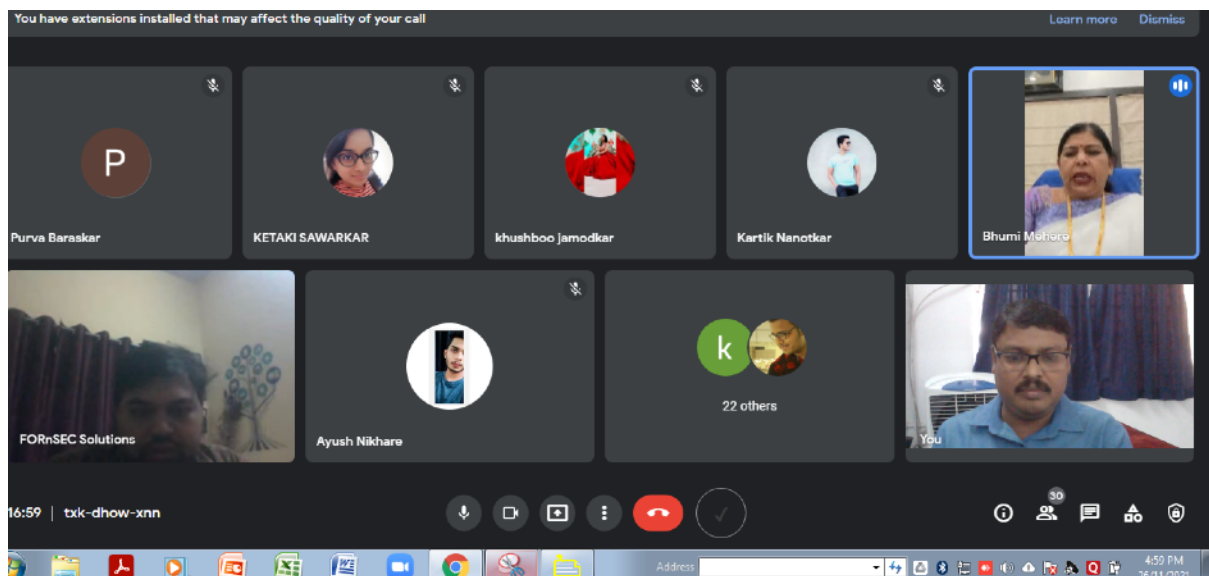
Inaugural Session

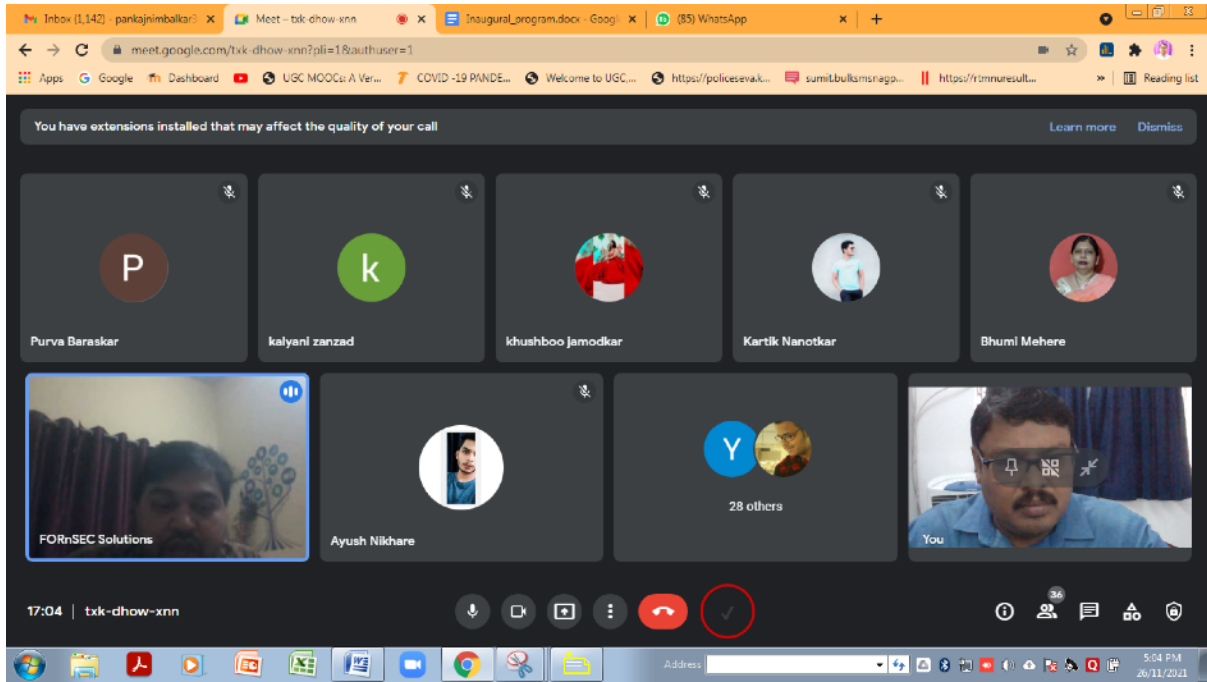
Department of computer science under jeevan shikshan abhiyan Department of Lifelong Learning and extension Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur conduct 15 hours short term certificate course program for B.sc. students. syllabus for this course is formulate as need base for final year 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.More than **194** students of B.sc-I,II,III were participated in the certificate course program.

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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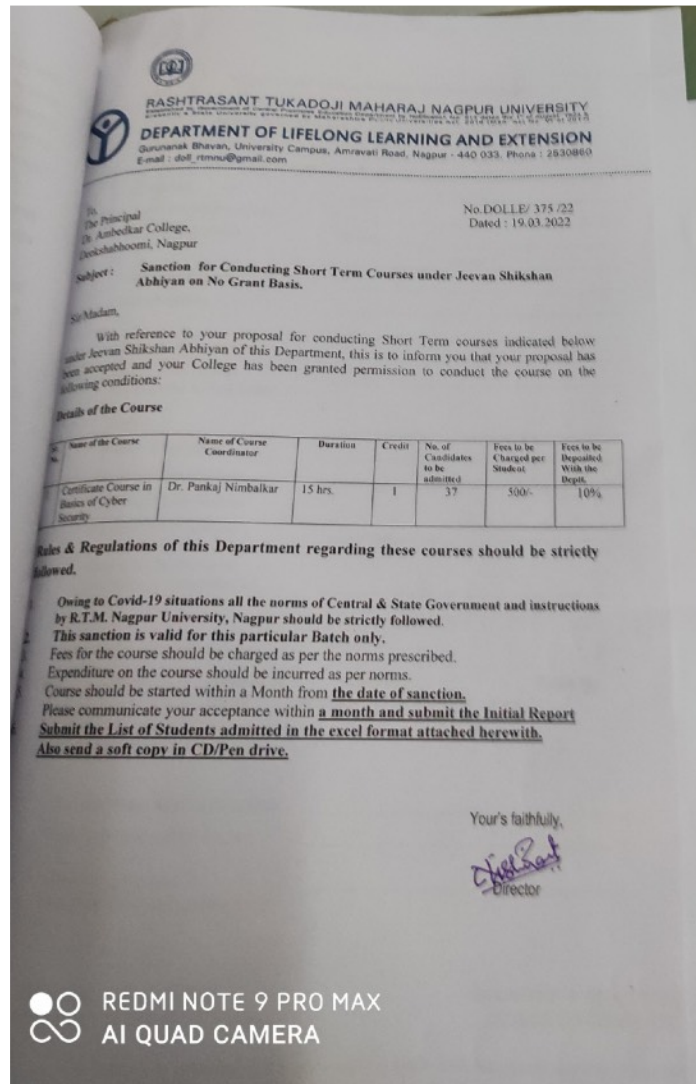
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List of students appearing for exam



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

Teaching Plan for Certificate Course Basics of Cyber Security

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

15	1	15 th Day	-Introduction to Steganography -Steganography techniques and tools
16	1	16 th Day	Case Study and Live Demo
17	1	17 th Day	-Future Scope in this Field -Scope and Job Opportunities

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