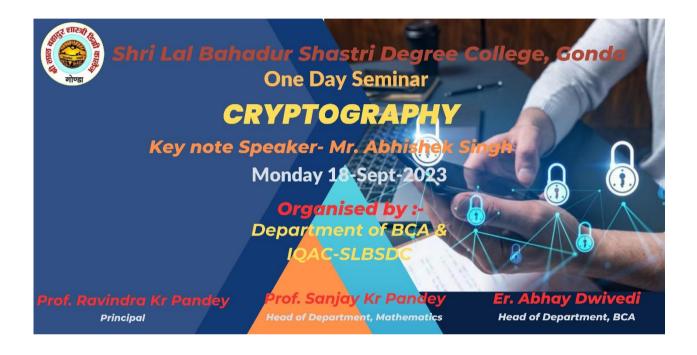


Report on One-Day Seminar on "Cryptography"



INTRODUCTION

A one-day Seminar on "Cryptography" was successfully conducted on Sept 18, 2023, at Shri Lal Bahadur Shastri Degree College, Gonda. The seminar was organized by IQAC and BCA Department specifically for BCA and BBA students to enhance their understanding of Cryptography.

Objective of the Workshop: The primary objective of the workshop was to provide BCA and BBA students with a comprehensive understanding of Security on modern technology. The session aimed to equip students with the knowledge and tools necessary understand symmetric and asymmetric key, DES etc. in cryptography.

Resource Person: The seminar was led by Mr. Abhishek Singh, a renowned academician from M. L. K. P. G. College, Balrampur.

Key Topics Covered:

1. Fundamentals of Cryptography:

- Basic concepts: plaintext, ciphertext, keys.
- Symmetric vs. asymmetric encryption.

2. Cryptographic Algorithms:

- Symmetric algorithms: AES, DES, RC4.
- Asymmetric algorithms: RSA, ECC, DSA.

3. Digital Signatures:

- Purpose and use cases.
- Algorithms: RSA signatures, ECDSA.

Objective:-

- 1. Understand Fundamental Concepts:
- 2. Explore Cryptographic Algorithms:
- 3. Examine Digital Signatures:
- 4. Study Cryptographic Protocols:



Feedback from Participants:

The seminar was highly interactive and well-received by the students. Participants appreciated Mr.Singh engaging teaching style and the practical insights he shared. They expressed that the seminar helped them gain a deeper understanding of how security are formulated and implemented.

Conclusion:

The one-day seminar on "cryptography" was a resounding success. It provided an enriching experience for the BCA and BBA students of Shri Lal Bahadur Shastri Degree College, Gonda, who gained valuable knowledge and skills that will aid them in their academic and professional journeys. The college extends its heartfelt thanks to Mr. Abhishek Singh for her enlightening session and hopes toorganize more such workshops in the future.

Participated Student:

BCA 56 student participated.

| BCA I st YEAR STUDENT NAME | BCA IInd YEAR STUDENT NAME |
|----------------------------|----------------------------|
| ABHAY MISHRA | ABHISHEK MISHRA |
| ABHISHEK MISHRA | ADITYA VERMA |
| ADARSH VERMA | AKHAND PRATAP SINGH |
| ANUBHAV CHAUDHARI | ANMOL RAJ |
| ASHISH JAISWAL | ASHISH PANDEY |

| ASHISH KUMAR GUPTA | ASHUTOSH SHUKLA |
|--------------------------|---------------------|
| ASHISH KUMAR SRIVASTAVA | CHANDAN PANDEY |
| AVDHESH KUMAR CHAURASIYA | DIVYANSH SONI |
| DEVENDRA TIWARI | HARSHIT SRIVASTAVA |
| GAURAV SHUKLA | MOHD UMAR |
| KUNAL KASAUDHAN | NIKHIL SRIVASTAVA |
| SANDEEP PAL | PRIYANSHU TIWARI |
| SATYAM GUPTA | SATYAM VISHWAKARMA |
| SHIVA VISHWAKARMA | SHIKHAR PANDEY |
| SHIVAM PANDEY | SHIVAM PATHAK |
| SHIVAM SINGH | SHIVAM TIWARI |
| SUDHANSHU SINGH | SHIWANG MAURYA |
| SURAJ KUMAR | SHRI OM TIWARI |
| SURYANSH SINGH | SHUBHANKAR TIWARI |
| UTKARSH TIWARI | SURAJ KUMAR PANDEY |
| VIVEK KUMAR | SURAJ MAURYA |
| YASH KUMAR | VAIBHAV |
| ANJALI PARASHAR | VIVEK MISHRA |
| ANSHIKA SINGH | ANANYA MISHRA |
| ARPITA DWIVEDI | JAYA MAURYA |
| HIMANSHI TRIPATHI | PRANJALI SRIVASTAVA |
| NEHA SINGH | SIMRAN |
| RADHIKA NAMDEV | SNEHA JAISWAL |
| | |

BBA 26 Students

| B.B.A. IIIrd Year | |
|-----------------------|-----------------------|
| ABHIJIT KUMAR | SHUBHANSHU SHARMA |
| ABHISHEK KUMAR MISHRA | UDAY KUMAR |
| AKASH TIWARI | VANSAJ GUPTA |
| AMRESH RAWAT | VIKAS SHUKLA |
| AMRIT LAL | AMRITA DUBEY |
| ANUJ PANDEY | ANSHIKA SRIVASTAV |
| ATUL TIWARI | ASHMITA AGASTAS |
| DEVANSH TIWARI | MAHI SRIVASTAVA |
| DURGESH VERMA | PRAGYA SINGH VISEN |
| HARSH JAISWAL | ROLI AGARWAL |
| SANDEEP VERMA | SHAILY MISHRA |
| SAQUIB JAVED | TANU PRIYA SRIVASTAVA |
| SAURABH MISHRA | UNNATI |

Total

BCA + BBA =56+26=82