
Report of Expert Lecture on "Improving Resilience of Resource-Constrained Networks against Cyber Attacks" organized by Department of Computer Application

1 message

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Report on Expert Lecture
“Improving Resilience of Resource-Constrained Networks against Cyber Attacks”

Dear All,

The Department of Computer Application has successfully organized an Expert Lecture on **“Improving Resilience of Resource-Constrained Networks against Cyber Attacks”** on February 4, 2025, in Central Auditorium, Hall 2, Integral University, Lucknow. The session aimed to provide insights into the security challenges faced by resource-constrained networks and explore strategies to mitigate cyber threats.

The resource person for this event was **Dr. Abhishek Verma, Assistant Professor, Department of Information Technology, Babasaheb Bhimrao Ambedkar University (BBAU), Lucknow**. Dr. Verma, with his extensive research experience in IoT security, intrusion detection, and software-defined networking, shared valuable knowledge on securing low-power and resource-limited devices against various cyber threats.

The Expert Lecture was initiated with a floral welcome to Dr. Verma. Dr. Verma discussed several crucial topics, including how Distributed Denial-of-Service (DDoS) attacks exploit resource-limited IoT devices and methods to mitigate them, examining how malicious pings can disrupt network communication and techniques to detect and prevent such attacks. He also addressed vulnerabilities in IPv6 over Low-Power Wireless Personal Area Networks and implementing security measures for these constrained environments and various other issues related to network security.

The session was attended by faculty members, staff, and students from the BCA and MCA programs of the university. The event concluded with a vote of thanks. The lecture was successfully coordinated by Dr. Anwar Bari.

Glimpses of the Event:


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Department of Computer Application
Is organising
An Expert Lecture On
**"Improving Resilience of Resource-constrained
 Networks against Cyber Attacks"**



GUEST SPEAKER: **Dr. Abhishek Verma**
 Assistant Professor
 IIT, BHU

PROGRAM CONVENER
Dr. Mohammad Faisal
 Professor and Head
 Department of Computer Application
 Integral University, Lucknow

PROGRAM COORDINATOR
Dr. Anwar Bari
 Assistant Professor
 And Team Members



11:00 AM
ONWARDS



4th February
2025



INTEGRAL UNIVERSITY
LUCKNOW





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