

## Application of AI in Cyber Security

PIEAS Artificial Intelligence Center arranged a two-week workshop on “Application of AI in Cyber Security” from October 3 to 14, 2022. The workshop was attended by 18 participants from both private and public sector

organizations. Dr. Asifullah Khan was the resource person for the course. The workshop covered various introductory and core aspects of both AI and cyber security. The use cases presented in the workshop were aimed at leveraging AI to analyze cyber security aspects of information systems. A key feature of the workshop was hands-on activities, which were carried out in a lab environment and involved implementation of AI models in context of cyber security. The graduate students of Computer science department Mr. Umair and Mr. Abdur Rahman remained actively involved with the participants during the lab activities.

Director General, PINSTECH Dr. Qamar-ul-Haq was the chief guest on the opening ceremony. Dr. Asifullah Khan briefed the audience about the course objectives and its contents. Speaking to the audience, Dr. Qamar-ul-Haq emphasized the importance of cyber security and how it become a top priority of both private and public sector industry to develop and implement a comprehensive cyber security policy. He praised PIEAS in taking the lead role to train human resource in this domain. In the end, Rector PIEAS presented the shield to the chief guest.

Rector PIEAS, Dr. Nasir Majid Mirza was the chief guest on the closing ceremony, in which participants of the course also shared their experience about the course. Overall, the participants found that the hands-on training during the course really helped them understand contents and how they could apply this learning experience in their respective work environment. While speaking to the participants, Rector, PIEAS Dr. Nasir Majid Mirza briefed the audience about the initiative taken by PIEAS in spreading awareness about the importance AI and Cyber Security. He praised the continuous efforts of PIEAS faculty members working in cyber security domains. At the end, he congratulated both the organizers of the workshop and participants on the successful completion and also distributed certificates.

