

**Proposal No. 14**

(Proposal details for the R&D scheme of USOF)

**Subject: Cyber Security**

Problem Statement/ Challenge title	<b>AI in Cyber security.</b> It aims to apply various AI/ ML algorithms to detect and prevent a cyber threat before it can invade a system.
Challenge brief/ definition	At present, most of cyber security is done by professionals. A lot depends on their experience and timely action. At times, the manpower required may not be available to prevent a cyber threat well in time. Moreover, huge data needs to be analyzed manually which is not possible always and is error-prone. The system should be able to detect cyber threats and attacks using Ai/ML techniques
Future Expectations	1. An-auto adaptive system to prevent cyber threats. 2. Active support for any issues.

**Format of Response**

Companies / organizations / institutions / individuals developing enabling technologies / modules / components / subsystems / products are required to respond in the format provided in Annexure-A, on the DOT website ([link address provided- refer "format of response"](#))