ANDHRA PRADESH TECHNOLOGY SERVICES LIMITED
(Government of AP Undertaking)
(CERT-In Empanelled and ISO 9001:2015, ISO 27001:2013 Certified)
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Security Audit Certificate

(Unique Ref No: **APTS/APCSP/Assurance/218/2025**)Issued Date:**16-12-2025**

Application Description/ Name:	ICAR NIRCA
Staging URL:	http://istsctri.in/NIRCA/
Hash Value (SHA-512):	c9aa1bc20c681652209a26fb61c777eb63dd0c 8642cfd4fd8ac46e92c6f41b722e8849b93ae62 a978f507701ca1fbc2cf63df4f8bb459ecf353e03 e35c133876
Production URL:	https://nirca.org.in/
Application Type:	Static
Tested Roles:	NA
Levels of Audits conducted:	Level -1 on 17-11-2025
	Level -2 on 01-12-2025
	Level -3 on 09-12-2025

Andhra Pradesh Technology Services Ltd. has conducted Cyber security audit of ICAR NIRCA Web Application with reference to OWASP Top 10 (2024), SANS Top 25, Open-Source Security Testing Methodology Manual (OSSTMM3). During audit, the following vulnerabilities were identified:

1. Insecure Communication *

2. Email addresses disclosed

3. Technology/Version Disclosure

4. Information Disclosure

5. Unwanted Pages

6. Sub Resource Integrity (SRI) check not implemented

7. Security headers are not Implemented

Conclusion:

As on date, the ICAR NIRCA web application still contains a few minor issues, indicated with [*], which should be addressed in the production environment. Additionally, it is strongly recommended to implement and maintain the

suggested best practices for secure hosting.

Recommendations/Best practices:
- All SSL/TLS related issues can be addressed on the production server.
- All the above reported issues can be addressed on the production server.
- All the test data should be removed before hosting on live environment.
- The entire application should be hosted with read only permission.
- Application should be reviewed before any major update is released.
- Patching of infrastructure and application must be done on regular basis.
- Admin login should be accessible through VPN only.
- The application which is tested by the team should have application version number.
- Do not use default / guessable credentials / test credentials in production environment.
- This certificate is valid till no modifications are done in the ICAR NIRCA Web Application of the ICAR or **SIX MONTHS** from the date of issue whichever is earliest.

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