

# Enhance Your Knowledge about CYBER

(an Initiative by)



Scholastic Seed Inc.

Pre-Election

Voting Period

Post-Election

END-TO-END PROCESS  
EVALUATED AND SCORED

**Election Security Assessment Scorecard**  
Jefferson Sample County

**Assessment Summary**  
Summarized Key Issues: Mislearn discussed on County Chair and employee laptop; Three critical vulnerabilities found on key applications; Training required for leadership and employees; Security patches not defined or followed; VR application security involves risk sensitive citizen data; Vote aggregation PC not isolated from network activity; OTC's and pollbook software versions and configuration not checked before each election.

**Security Readiness Score**  
1.22

**Critical and High Risks by Election Area**  
Water Registration: 28%  
Water Tabulation: 28%  
Water Capture: 38%  
Total Score: 21 (Out of 106)

**Security Readiness by Security Function**  
Total Score: 30 (Out of 206)

**Key Recommendation Summary**  
Total Number of Recommendations: 118

**Summarized High Recommendations**  
Total: 10

## The Hot Seat in Cyber Space

### CYBER SECURITY PROFESSIONALS' SALARIES

**Entry level**  
₹3,00,000-350,000 annually

**Mid level ethical hacker**  
₹5,70,000

**Senior level, Chief Information Security Officer**  
₹1.2 million - ₹8 million annually

**Highest paying Industry**  
Telecom/Internet service providers  
₹1.17 million annually

**Second highest paying Industry**  
Banking/financial services  
₹1.05 million annually

**TOP TWO CITIES IN INDIA**

**NCR**  
₹8,60,000 per annum

**Bengaluru**  
₹8,44,000 per annum

## The Increasing Demand for Cyber Security in the Workforce

THE CYBER SECURITY MARKET IS EXPECTED TO GROW FROM \$75 BILLION IN 2015 TO \$170 BILLION BY 2020.

**83%** OF ENTERPRISES CURRENTLY LACK THE RIGHT SKILLS AND HUMAN RESOURCES TO PROTECT THEIR ASSETS

**1 MILLION** NUMBER OF CYBER SECURITY JOB OPENINGS IN 2016

**1.5 MILLION** EXPECTED NUMBER OF JOB OPENINGS IN CYBER SECURITY BY 2019

**ZERO %** CURRENT UNEMPLOYMENT RATE IN THE CYBER SECURITY FIELD

**46%** OF CYBER SECURITY PROFESSIONALS ARE SOLICITED TO CONSIDER A NEW JOB AT LEAST ONCE PER WEEK

**1 OUT OF 3 SECURITY PROS** ARE NOT FAMILIAR WITH ADVANCED SECURITY THREATS

**TOP FIVE INDUSTRIES IMPACTED BY CYBER SECURITY THREATS**

- HEALTHCARE
- PROFESSIONAL SERVICES
- FINANCIAL SERVICES
- NONPROFIT/TECHNOLOGY
- RETAIL

SOURCES: Forrester, ISACA, Cisco, ESG/ESSA, HUB International

IEEE