



E-NEWSLETTER SITAICS



October 2025

School of Information Technology, Artificial Intelligence and Cyber Security

Vision:

To be a premier academic institution committed to enhancing national security through excellence in education, research, and training in cybersecurity, digital forensics, and Artificial Intelligence; and to nurture innovative, skilled professionals who contribute to solving global challenges through scientific knowledge and technological advancement.

Mission:

- To provide world-class infrastructure that fosters innovation, research, and intellectual growth.
- To build a global knowledge hub through collaboration with academia, industry, and research organizations.
- To educate students with practical skills, strong ethics, and a vision to solve complex real-world problems.

Programmes offered: 5

- B.Tech. in CS&E with specialization in Cyber Security
- M.Tech. in Cyber Security
- M.Tech. in Data Science and Machine Learning
- M.Sc. in Cyber Security and Digital Forensics
- Post Graduate Diploma in Cyber Security & Digital Forensics

SITAICS Brochure

🌐 www.rru.ac.in
[School of IT, Artificial Intelligence and
Cyber Security](http://www.rru.ac.in)

Memorandum of Understanding (MoU) with the Directorate of Coordination Police Wireless (DCPW)



Rashtriya Raksha University (RRU) has signed a Memorandum of Understanding (MoU) with the Directorate of Coordination Police Wireless (DCPW) to strengthen the national training framework for technical officers. This strategic partnership aims to modernize training curricula, integrate emerging technologies, and align DCPW's programs with academic excellence, ensuring the development of **skilled professionals** equipped to meet India's evolving needs in advanced **wireless communication** and **technical security infrastructure**.



School of Information Technology, Artificial Intelligence and Cyber Security

Certificate Programmes

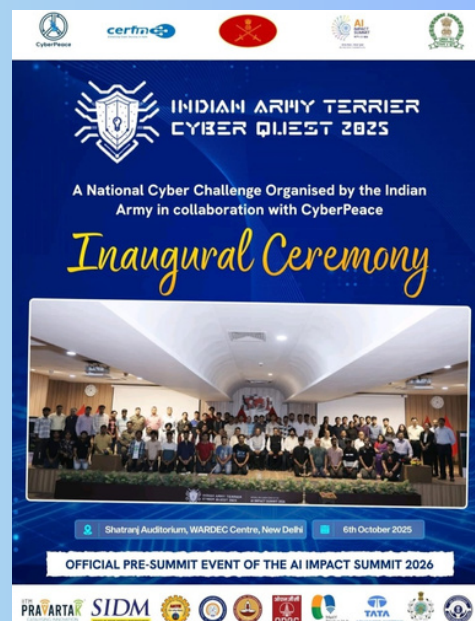
- Bharat CISO
- National Cyber Security Scholar Program
- OSINT Analysis
- Social Media Analysis
- Web Development
- Full Stack Development
- CCNA
- CCNP
- CEH
- Certification Partner with AWS, RHEL and others
- Social Media Analytics & Threat Mitigation
- Essentials of Cyber Crime & Digital Forensics
- Smartphone Forensics & Evidence Collection
- Cyber Incident Response & Data Acquisition
- Artificial Intelligence, Vulnerability Assessment & Risk Management
- Multimedia Forensics for New Age Crimes
- Malware Exploits & Incident Handling
- Video database system

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Indian Army Terrier Cyber Quest 2025

The competition comprised two phases: an initial track of five boot-to-root virtual machines requiring flag retrieval and concise writeups, followed by a live assessment on BOSS OS — the operating system used by the Indian Army. From over 6,500 registrants, 65 students were shortlisted and the team finished among the top 13 in the bug-hunting track. During the live phase, network attack vectors proved non-exploitable, shifting focus to local privilege escalation under a highly constrained, restricted-shell environment. Through targeted enumeration of system components and creative use of an outdated system editor, the team was able to obtain an expanded shell and demonstrate a privilege-escalation path; the finding was rated high-severity (7.8) and promptly engaged the BOSS OS development lead for reproduction and remediation. The exercise emphasized the importance of defensive hardening, thorough testing of default utilities, and the practical value of persistence and inventive problem-solving in real-world security assessments.



STUDENTS:

- Sagar Tiwari B.Tech V sem
- Sumit Chakraborty B.Tech III sem
- Keerti Ranjan Das B.Tech III sem

Location: New Delhi

Held by: Indian Army

Duration: 3 days event

School of Information Technology, Artificial Intelligence and Cyber Security

Research Projects

- The development of “GIS based Decision Support System for Crime Mapping and Analysis” for which the University received “Indian Geospatial Excellence Award-2014”.
- The university faculty has registered patent on “A Portable Mobile Forensics Data Acquisition Tool” which performs a logical acquisition process and stores the data in the attached USB.
- Development of the mobile app COPS-G (Citizen’s Online Policemen Search for Gujarat) which provides basic information about the police personnel like Photograph, Area of duty, Designation which can help citizen to identify the police Personnel and catch the fake people who pose as policemen.

Partnership and Services



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🌐 www.rvu.ac.in
School of IT, Artificial Intelligence and
Cyber Security.

Students from the SITAICS Represented RRU at National Idea Pitching Event Organized by CDOT and STPI

On 8th October 2025, Raj Pundkar and Sinoy De, students from the School of Information Technology, Artificial Intelligence, and Cybersecurity at Rashtriya Raksha University, represented the institution in a prestigious idea pitching event jointly organized by the Centre for Development of Telematics (CDOT) and the Software Technology Parks of India (STPI).

The event aimed to encourage young innovators and entrepreneurs to showcase their creative solutions addressing real-world technological and societal challenges. Participants from diverse academic and professional backgrounds came together to present ideas focused on digital transformation, communication technologies, and sustainable innovation.

Raj and Sinoy presented their innovative concept, demonstrating exceptional problem-solving skills, creativity, and a strong commitment to developing practical solutions with real-world applicability.

The event also provided valuable opportunities for networking, mentorship, and interaction with industry experts, offering participants meaningful insights into the world of innovation and entrepreneurship.

While the results are awaited, the participation itself proved to be an enriching and inspiring experience, motivating the students to further refine their ideas and continue exploring impactful technological innovations.

School of Information Technology, Artificial Intelligence and Cyber Security

Prime Recruiters



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Digital Unity: AI-Integrated Cultural Display Competition



RASHTRIYA RAKSHA UNIVERSITY

SCHOOL OF INFORMATION TECHNOLOGY,
ARTIFICIAL INTELLIGENCE AND CYBER SECURITY (SITAICS)



DIGITAL UNITY AI-INTEGRATED CULTURAL DISPLAY COMPETITION

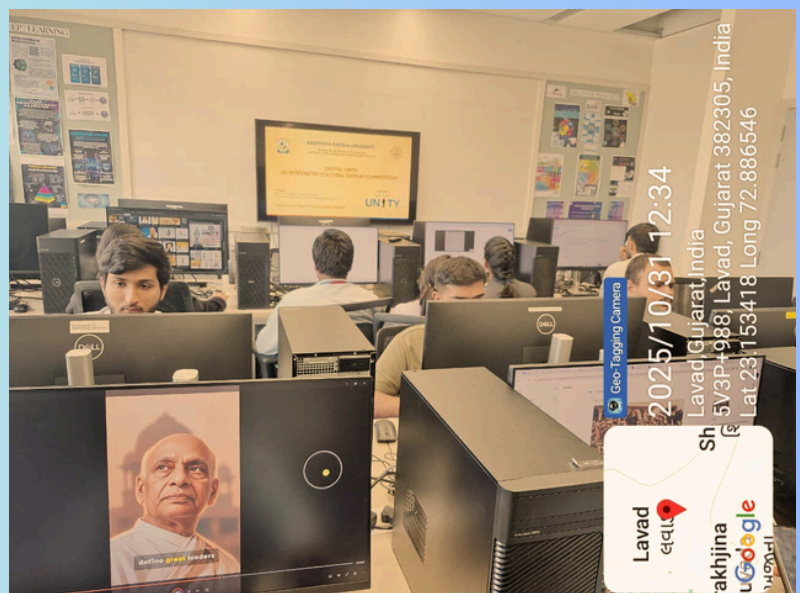
Theme:
From Iron Unity to Digital Harmony –
Honouring the Legacy of Sardar Vallabhbhai Patel

Date & Time: Friday, 31st October 2025 | 10:00 AM

Occasion :

NATIONAL
UNITY
DAY

The School of Information Technology, Artificial Intelligence & Cyber Security (SITAICS) celebrated National Unity Day (Rashtriya Ekta Diwas) on 31st October 2025, commemorating the birth anniversary of Sardar Vallabhbhai Patel, the Iron Man of India. On this occasion, SITAICS organized an engaging event titled “Digital Unity: AI-Integrated Cultural Display Competition” under the theme “From Iron Unity to Digital Harmony – Honouring the Legacy of Sardar Vallabhbhai Patel.” Students showcased their creativity through AI-generated digital presentations—including videos, animations, and visual art displays—highlighting Sardar Patel’s contribution to India’s unity and the role of technology and AI in promoting digital harmony. Participants creatively used advanced AI tools for video, voice, music, and image generation, forming cross-specialization teams of 2–4 members to bring their innovative ideas to life.



Certificate Course in Full Stack Development

Rashtriya Raksha University announces admissions for the Certificate Course in Full Stack Development, opening on 1 December 2025. This six-month hybrid program equips learners with comprehensive skills in frontend, backend, databases, and cloud technologies through hands-on, industry-oriented training.



RASHTRIYA RAKSHA UNIVERSITY

(An Institution of National Importance)

Pioneering National Security and Police University of India
Ministry of Home Affairs, Government of India



Certificate Course on Full Stack DEVELOPMENT

Empowering learners to become industry-ready Full Stack Developers through hands-on training in React, React Native, Node.js, Express, SQL/NoSQL, and Cloud Deployment.

Frontend, Backend, Databases, Mobile Apps, DevOps, and Cyber-Secure Coding



Web Application



Full Stack Development



Front-end Development

Admission will be open from **1 December, 2025**

(LAUNCHES **1ST JANUARY 2026** AT SITAICS, RASHTRIYA RAKSHA UNIVERSITY)

[LEARN MORE](#)

- 6 Months (Weekend Hybrid Mode)
- 780 (Contact + Guided Learning)
- Real-World Projects & Capstone Applications
- Certification by Rashtriya Raksha University

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