SARDAR PATEL UNIVERSITY OF POLICE SECURITY AND CRIMINAL JUSTICE JODHPUR

(Established Under State Legislative Assembly Act of Government of Rajasthan)

PLACEMENT
BROCHURE
MS CYBER SECURITY

ABOUT UNIVERSITY

Sardar Patel University of Police, Security and Criminal Justice, Jodhpur is established by an Act passed by State Legislature, Government of Rajasthan. The Act mandates the University to focus on teaching and research in the field of Police, Social Sciences, Criminal justice, Public Safety and Security and other related areas. It is a unique initiative in the above mentioned field as this University is a blending ground for academia, practitioners and industry. We offer our students knowledge and insights relevant for their professional goals, opportunities and environment. We promise to bring best faculty and expertise in the relevant disciplines from across the globe.

The university provides the ambience where creativity and new ideas flourish, producing leaders of tomorrow by imparting learning blended with excellence. The dynamic and constantly evolving academic programme reflects the institute's commitment to stay abreast with the expanding frontiers of knowledge worldwide. Extra-curricular activies enjoy equal importance towards overall development of students, making them fit for the challenge of the corporate world.

OBJECTIVES

• To promote capacity building in competencies related to the domains of criminal justice through education and research.

• To provide a forum to researchers for generating knowledge and innovations in field of cyber security, criminal justice, public safety.

• To conduct courses and award diplomas , certificates and degrees.

• Fostering the creation of new knowledge in the domains of criminal justice, public safety, security, related areas.

• Developing and promoting new teaching methodologies and thereby encouraging innovations in training.

• Encouraging and preparing the youth of the State to become responsible citizens, effective and efficient personnel.

FROM VICE CHANCELLOR'S DESK

Sardar Patel University of Police, Security and Criminal Justice is the right place for you to be in. It is a unique university of its kind in South Asia. The University is managed by top serving and experienced professionals. Its faculty is young, talented and highly qualified.

The University's potential is being recognized far and wide as is evident from its MoUs and collaboration with top institutes like Observer Research Foundation (ORF), New Delhi-one of the foremost think tanks in the world, Indian Institute of Public Administration New Delhi, Bureau of Police Research and Development (BPR&D)-MHA New Delhi, Indian Institute of Technology Jodhpur (IIT), Rajasthan Police Academy Jaipur, Public Works Department (PWD) Rajasthan, Raksha Shakti University Ahmedabad, NITTTR Chandigarh etc. Students of the University will have opportunities for internship and visits to these institutes

I on behalf of SPUP, invite your company to visit our institute for campus recruitment and other purposeful academic activities for mutual interest.

M.L. Kumawat (Retd. I.P.S.)
Vice-Chancellor

FACULTIES

- Faculty of Science, Technology & Forensics
- Faculty of Law & Criminal Justice
- Faculty of Humanities & Social Science
- Faculty of Security & Strategic Management
- Faculty of Humanities

CENTERS

- Center for Cyber Security.
- Center for Road Safety.
- Center for Distance Learning.
- Center for Police Studies.
- Center for Public Safety.
- Center for Research and Publication.
- Center for Disaster Management.
- Center for Social Defense and Gender Studies.
- Center for Innovations.

INFRASTRUCTURES

- High End Computer Labs.
- Fully Wi-Fi campus.
- Excellent Hostel Facilities.
- Classrooms equipped with projectors & Library.
- ATM Facility.

CYBER SECURITY PROGRAMS

At present MS Cyber Security program is started consisting of IT professionals under the department of Computer Science and Cyber Forensics from session 2013-14.

PG Diploma Course in Cyber Security and two certified courses on Cyber Crime Auditing and Cyber Crime Investigation along with Ph.D

Research and Training - The University is also going to offer practical training to defense personnel, PSUs, MNCs, Law Practitioners and Technical Faculties.

MAJOR AREAS OF RESEARCH AND TRAINING

- Cyber Crime Investigation.
- Intellectual Property & Cyber Laws.
- Cyber Security Audit and Compliance.
- Information Security Assurance.
- Cryptography and Data Security.
- Mobile and Wireless Security.
- Network Packet Analysis.
- Cyber Forensics.
- TCP/IP network Security.
- e-Governance Security.
- Malware Analysis & Prevention.
- Cloud Computing.

CYBER SECURITY STUDENTS EXPOSURE

During their academic programme students took various trainings, workshops, conferences to nurture their area of interests and grow skills and knowledge of their domain.

Advanced Wireless and Mobile communication

2 to 7 October 2013 at NIT Warangal

Description:- Presentation on Advance wireless concept, Mobile Ad-hoc Network Sensor Network, GSM, Mobile IP Concept taken by IIT Bombay and faculty of NIT Warangal.

Cyber Security and Cyber Forensics

Held on 18 to 19 December at "Indian Computer emergency Response Team (CERT-IN)"

Description:- Presentation on Hacking, Network Security, Hands on Practice of the Cyber Forensics GUI and Command line tools.

GOVERNMENT OF INDIA

Ministry of Communications & Information Technology in Collaboration with Data Security Council of India (DSCI)

5TH CYBERCRIME AWARENESS WORKSHOP FOR LAW ENFORCEMENT AGENCIES

Held on 13 to 14 February at "Rajasthan Police Academy Jaipur"

Description:- Cybercrime related issues in context of India, CERT-IN for the Cybercrime prevention and strong issues of cybercrime, problem face by the Indian police for investigation in cybercrime and how to collect the digital evidence, Practice of forensics tool like "Encase & FTK tool, True crypt and write blocker, Mobile forensics (Sim, Memory), Device Forensics, Tower Dump & CDR Analysis.

SPACE 2014 "**A Workshop & Conference on Security Privacy and Applied Cryptography Engineering** "

Held on 18 to 22 November at Defence Institute Advance Technology (DIAT)

Description: - The 2 days' workshop covered the advance topics like an "Internet of Things, Hardware security and Cryptography" and 3-days Conference on Applied cryptography

TRAINING DONE BY STUDENTS

1. Training on "Digital Forensics"

   Guide: - Omveer Singh

   Scientist 'E' /Additional Director,

   HOD, Cyber Forensics Lab, CERT-IN

   Description:- concepts, Guidelines, Procedures and cyber forensic software and command lines tools used in seizure and analysis of digital evidence during cyber forensic investigations.

2. Training on "Cyber Security"

   Guide: - Officers of Gurgaon police cyber cell held on 1 June to 5 July

   Description:-It was a training on cybercrime investigation & forensics in which we are developed an online Quiz module for cyber Security.

3. Training on "Cyber Forensics and Investigation"

   Guide: - Officers of CID Hyderabad held on 14 to 30 June

   Description: - Cybercrime Investigation and working with Forensics tools such as encase and FTK, CDR Analysis.

4.Training "Cybercrime investigation and Standard Procedure"
   Guide: - Officers of Economic Offences Wing Delhi police held on 14 to 30 June
   Description:-I get to know that how to police work on cybercrime complaint and how
   they forensic, what are the current technology used by the policing.

5. "Asia foremost Information Security conference"
   Held on 13 to 14 November 2014 by "Ground Zero" at
   New Delhi
   Description:- Enterprise Security, Attacking cryptography & PKI Implementation, Na
   tional cyber police & its impact on business, mobile security, Security vulnerabilities in
   DVB-C network, Exposing China based Xiaomi mobiles.

6. "International conference on Cyber Security COCON-2013"

Held on 27-28 august 2013 at Trivandrum, Karla
Description: - Cyber Security policy, Data Threats, Cyber Awareness

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