

A man with dark hair, wearing a blue suit jacket over a white shirt, is speaking into a black microphone. He is looking slightly to the right. The background is a wooden wall with some shelves.

# SCIENTIFIC ROBOTICS WORKSHOP



## Proposal

A Futuristic Approach To Creating Technical Minds !!

---



# Craw Security

## CYBER RESEARCH & ANALYSIS WING

Craw Cyber Security Institution offers a chain of valuable courses to its students in order to make them job-ready in multiple fields of information security for the available and futuristic IT organizations in the market. Moreover, Craw Security is one of India's Leading IT Training and Certification Body offering Vendor-Neutral Certifications. We are among the few organizations that offer both VAPT Solutions and education under a single roof with 100% genuine and sincerely experienced professionals as their training partners. Moreover, Craw also offers a chain of workshops on varied InfoSec topics by joining hands with many colleges and universities all over the globe.

**01**

### GETTING STARTED WITH LATEST TOOLS AND UPDATED TECHNOLOGIES

Inside the interactive classrooms, Craw Security is offering its world class premises providing all needful resources to the students like AC classrooms and labs with the latest tools and technologies.

### 10+ YEARS OF EXPERIENCED TRAINERS AND MENTORS

We have engaged a permanent team of authentic trainers with 10+ years of industry experience along with the modern facilities at our Saket and Laxmi Nagar branches.

**02****03**

### VERIFIED STUDY MATERIALS IN BOTH SOFT AND HARD COPIES

Nicely verified from the Cyber Security Giants in the market, deeply researched curricula with the right kind of study materials in both formats are provided in the courses.

### "100% PLACEMENT GUARANTEE" IN THE 1 YEAR DIPLOMA IN CYBER SECURITY COURSE

In our diploma courses of 1 year and 6 months, students can opt for the "100% Placement Assistance" especially derived in our curricula to confirm their full concentration on their studies.

**04**

# The Cyber Security EXPERT

## Mr. Mohit Yadav



Founder, Director, and Lead Ethical Hacking Faculty at CRAW SECURITY (Cyber Research and Analysis Wing)



## AS A MENTOR

Come along for a brief session for enriching your Cyber Awareness and know-how that Cyber Crimes are affecting diverse organizations these days. Get info regarding how different law enforcement agencies tackle Cyber Security and Illegal Hacking on daily basis. He recently took part in the “Desh Ke Mentor” program initiated by the Deputy CM of Delhi – Mr. Manish Sisodia of the Hon'ble Delhi Government ambassador by actor and social activist Mr. Sonu Sood in Govt Girls School, Kailash Nagar, Delhi.

### Director

## MR. MOHIT YADAV

 <https://in.linkedin.com/in/mohit-yadav>

 <https://www.mohityadav.com>

 +91 951 380 5401

### Websites

 <https://www.craw.in>

 <https://www.crawsecurity.com>

 <https://www.news4hackers.com>

 <https://www.crawsec.com>



# 2 DAYS Scientific Robotics WORKSHOP

+91 951 380 5401

Apart from arranging the same workshop for distinguished students of various disciplines hailing from varied backgrounds such as schools, colleges, and universities, Craw Security offers its best-in-class Robotics knowledge enhancement sessions as a 2-day long workshop related to Robotics fundamentals. Further, Craw Security has fastened its seatbelts to provide its sincere approach to delivering Robotics Workshops to the employees of all types of individual and government-owned organizations whichever is interested in having Craw Security's knowledgeable professionals on their premises.

## DAY 1

(8 Hours of Instructor-Led Training)

- Introduction to the world of Robotics
  - Understanding the training module
  - What, Why, How of Robotics ?
  - Other General Topics
- Introduction to Embedded Systems and Robotics
  - AVR Micro Controllers
  - Atmega 8/16/32
  - Understanding the Training Kit
  - Installation of Softwares
- Knowledge of Embedded C
  - How to Write Codes, Burn the Codes in Micro-Controller
  - Basics of Electronics Used in Circuits
  - Hands-On 1 - LED Patterns
  - Hands-On 2 - Seven Segment Display
  - Hands-On 3 - LED Matrix Display
- How to interface an LCD with uC.
  - Understanding Pins of LCD
  - Hands-On 4 - Display your name on the LCD
  - Hands-On 5 - Shifting Text on LCD
  - How to interface with Other I/O Devices
  - Hands-On 6 - Using a Switch
  - Hands-On 7 - Using a Buzzer to listen to an Audio Output
- Interfacing of Sensors with uC
  - Understanding how a particular Sensor is interfaced with a uC
  - Hands-On 8 - Interfacing a Sensor with uC
  - Hands-On 9 - Control LEDs using Sensor
  - Hands-On 10 - Display different patterns on LCD by Sensor
- Motor Control
  - Hands-On 11 - Control of Motors
  - Hands-On 12 - Line Following Robot
  - Hands-On 13 - Obstacle Avoider Robot
- Evaluation Process

## WORKSHOPS

PROVIDED BY CRAW SECURITY

- Ethical Hacking
- Artificial Intelligence
- Python Programming
- Android Programming
- Robotics
- Internet of Things
- Cloud Computing
- Automobile (EV)
- Bug-Bounty
- Underwater Robotics

## DAY 2

(8 Hours of Instructor-Led Training)

- Hands-On 14 - Edge Avoider Robot
  - Hands-On 15 - Wall Following Robot
  - Introduction to ADC
  - What is ADC, How and Where it is used
  - Understanding the Values of ADC
  - Hands-On 16 - Reading ADC Values of Sensors and Display on LCD.
- 8 & 9 UART
  - What is UART
  - How and where it is used
  - The interface between Computer and uC
  - Hands-On 17 - Connecting uC Board to your Computer
  - Hands-On 18 - Control LED Pattern using Keyboard
  - Hands-On 19 - Display Text on LCD using Keyboard
  - Serial Terminal
  - Hands-On 20 - Display Sensor Values on Serial Terminal
  - Hands-On 21 - Display Your Names on Computer Screen by Sensors.
  - Hands-On 22 - Computer Controlled Robot
- What is DTMF?
  - Hands-On 23- Mobile Controlled Robot
- Accelerometers
  - What is it? How it is Used
  - Hands-On 24 - Display Accelerometer Parameters on LCD and Serial Terminal
  - Hands-On 25 - Gesture Controlled Robot using Accelerometer
- Joystick
  - How to use a Joystick
  - Game Development
  - Writing Code for Developing a Game
  - Hands-On 26 - Play a Game on a Computer using Joystick on your Kit





## Workshop Advantages for Students

Craw Security facilitates several proficient workshop benefits for the students' groups. One may avail oneself of these benefits soon after attending the workshop.

- A valid certification of participation.
- Complimentary official study material.
- A complimentary ₹5,000/- discount gift voucher for Craw Security official training.
- Free scholarship programs for the first 10 winners.

## Workshop Advantages for Coordinators & Members

Craw Security offers some additional benefits for the Coordinators and Members groups that can be accessed soon after attending the workshop via several modes.

- A valid certification of coordination members.
- Complimentary official study material.
- A complimentary ₹5,000/- discount gift voucher for Craw Security official training.
- Free sessions for education & career counseling.



## Workshop Advantages for Faculty Coordinators

- 16 hours (8 + 8) Instructor-Led Training.
- Permanent possession of study material or course handouts.
- Certification of participation.
- Training Discount Coupons.

+91 951 380 5401





**MR. MOHIT YADAV** IS AN ACTIVE CYBER SECURITY EXPERT IN THE FIELD OF INFORMATION SECURITY PROVIDED 1200 + CYBER SECURITY WORKSHOPS TO SCHOOLS, UNIVERSITIES, CORPORATE LEVELS AND TAUGHT OVER 30000 + YOUNG STUDENT AROUND THE GLOBE.



## WORKSHOPS



Craw Security offers a league of knowledgeable workshops at numerous colleges and universities where numerous employers agree that you require a proper certification to validate your skills. With the essence of our prominent workshops, a learner can nicely have genuine and sincere knowledge related to the latest tools and updated techniques of the most revised information security courses.

Getting started with the knowledge quotient that the students would have after going through the workshops conducted by Craw Security at your premises under the influence of our high-class cyber security experts dealing with a variety of distinguished aspects of cyber security fundamental concepts. A learner will have numerous certain benefits from taking the authentic workshops from Craw Security such as the following:

- Career Counselling for several technical courses as per the students' choice.
- Honing the present skills of the students.
- Students get elaborated on the potential sectors where they can go and enjoy the career as per their interest.

# WEBINARS

A mode of briefing your knowledge via compact methodology

With the prominent cyber security analysts doing the honors, our best-in-class trainers cum information security experts showcase their vast knowledge quotients through the compact methodology of webinars addressing cyber security enthusiasts in a user-friendly manner. Moreover, our students mostly get briefed about so many good topics related to cybersecurity that can nicely help them in starting a great career in cybersecurity.

# SEMINARS

The conventional method to share knowledge via face-to-face interactions

Doing a seminar in a school, college, university, or corporate environment, has never become an old school method to transfer the crucial knowledge quotients to the younger generation or any enthusiastic mind that is willing to build a sincere career in the InfoSec domain. Furthermore, we elaborate on our most recent ties with the different organizations, our esteemed partners and their courses, and our in-house courses in a very patient full manner to the audience.



## Top Colleges in INDIA

covered training session by **Mr. Mohit Yadav**

- ▶ IIT Delhi
- ▶ IIT Bombay
- ▶ IIT Roorkee
- ▶ IIT Madras
- ▶ IIT Kanpur
- ▶ IIT Kharagpur
- ▶ IIT Hyderabad
- ▶ IIT (BHU) Varanasi
- ▶ IIT Patna
- ▶ NIIE Mumbai
- ▶ Delhi Technological University
- ▶ AMITY University
- ▶ National Institute of Technology Hamirpur
- ▶ Nirma University
- ▶ University College of Engineering
- ▶ Punjab Engineering College
- ▶ College of Engineering Trivandrum
- ▶ Birla Institute of Technology
- ▶ PSG College of Technology
- ▶ Manipal Institute of Technology
- ▶ SRM University, Haryana





# CYBER SECURITY EXPERT

[www.mohityadav.com](http://www.mohityadav.com)



## NEWS MEDIA



*Mr. Mohit Yadav*

The Director of Crow Cyber Security

A renowned name in the world of Cyber Security & Ethical Hacking as well as a think tank behind Constructing the Magnificent Curriculum in Diploma in Cyber Security Training, has also been invited from many News Media Channels as a **Guest Speaker on Cyber Threats & Awareness** such as NDTV, News Nation, TV9, Aaj Tak, Zee News, ABP News, and many others adding charm to their channel with their presence in the Session.



# OUR CLIENTS AND PARTNERS

Craw Cyber Security Offers the Training and Certifications Provided by our prime partners with Market Researched Latest Curriculum providing modules enriched with the latest tech knowledge and subject insights



EC-Council



CompTIA



CISCO



CERTNEXUS

PECB



Craw Security, under the direction of **Mr. Mohit Yadav** – a renowned cyber security expert in the world, has delivered a series of workshops for various Government of India agencies in order to boost the cyber security of our nation.



## TOP COLLEGES COVERED IN WORKSHOPS BY **MR. MOHIT YADAV**





Learn | Research | Innovate



## ADDRESS

### **Saket** (Head Office) **New Delhi**

1st Floor, Plot no. 4, Lane no. 2, Kehar Singh Estate Westend Marg  
Behind Saket Metro Station Saidulajab New Delhi - 110030

Contact us : 011 - 4039 4315 | +91 951 380 5401

Email Id : training@crow.in | info@crow.in

### **Laxmi Nagar, New Delhi**

R 31/32, 2nd floor, Jandu Tower, Vikas Marg, Shakarpur,  
Laxmi Nagar, New Delhi 110090

Contact us : 011 - 4504 0849 | +91 951 380 5401

Email Id : training@crow.in | info@crow.in



# CRAW CYBER SECURITY PVT. LTD.

CYBER RESEARCH & ANALYSIS WING