

# **Bihar Institute of Public Administration & Rural Development**

Walmi Campus, Phulwari Sharif, Patna - 801505

## **NOTICE**

Bihar Institute of Public Administration and Rural Development (BIPARD) is an apex training Institute of Government of Bihar. It imparts training in the field of Public Administration, Rural Development, Disaster Management, Panchayati Raj, Non- Government Organisation and Urban development. Now the Institute is organizing a 5 days training programme on Cyber Security. The tentative start date is 28 November 2022. The training will take place at BIPARD Campus, Patna. Professional Instructors and Technical Experts will take the class. It will be helpful to the Bankers, Government Servants and Students.

For more details and enrolment please refer to our official website – <http://bipard.gov.in/>

Assistant  
Director  
BIPARD

BIPARD is an apex Institute of Training and Research in the field of Public Administration, Rural Development, Disaster Management, Panchayati Raj, Non-Government Organisation, Urban Development, Land, Water Management and Sanitation etc. BIPARD is committed to training Government as well as Non-Government functionaries in the field of development management. Recently, BIPARD has entered into an agreement and signed MOUs with various organisation and is in process of signing such agreements with established international agencies. Emerging areas of Government functioning and Governance such as e-Governance, Human Rights, Gender Issues, Social Enterprise Management, NGO Development forums are also being developed within the Institute to sensitize and propagate better practices within the State of Bihar.

BIPARD is hosting a 5 days training program on Cyber security with tentative start date 28<sup>st</sup> Nov 2022. Please save the date in your calendar.

The training will take place at BIPARD campus, Patna. It will be led by professional instructors who are educated from reputed institutes and technically strong in this field.

The course will provide excellent exposure into the complex subject of cybersecurity which is of prime focus in the current time. After attending this session, you'll have more knowledge on cybersecurity issues and learned how to deal with cyber fraud activities and adopt preventive measures in this regard. You will also learn about the Cybercrime reporting mechanisms those are currently used in present days.

Interested participants are requested to enrol for this course in advance to take up this opportunity.

Looking forward for your active participation.

Annexure:

#### **Benefits of participating the course:**

- Gain knowledge about Cybersecurity issues
- Understand how IT plays important role in Cybersecurity
- Will learn how to protect data from Identity theft
- Will learn how to prevent online financial frauds
- Identify vulnerabilities and threats proactively
- Gain knowledge about Ransomware attacks, phishing attacks etc.

**Course fee: INR 10,000 (Ten thousand only), for students-3000(thousand)**

## How to nominate:

Step1: Visit the website of [BIPARD](http://bipard.bihar.gov.in/) (<http://bipard.bihar.gov.in/>)

Step2: Click on Enroll for New Courses

Step3: Enter your details, select the course and click “REGISTER NOW”

## Course Schedule:

Day	Time	Topic	Outcomes
Day 1	9.00-11.00	Cyber Space and Cyber Security issues	Getting <b>knowledge</b> about cyber security issues
	11.00-1.00	IT Fundamentals for Cyber Security Specialization	<b>Understanding</b> of how IT plays important role in Cyber Security
	1.00-2.00	<b>Lunch Break</b>	
	2.00-5.00	Different Kinds of Cyber Crimes and Frauds	<b>Creating</b> General Awareness about cyber Crimes and Frauds
Day 2	9.00-11.00	Detection of fraud and regulatory compliance	<b>Knowledge</b> about how to detect frauds and comply with Govt. laws
	11.00-1.00	Data Protection and use of tools	<b>Knowledge</b> about Data Protection methods and tools in regular operations
	1.00-2.00	<b>Lunch Break</b>	
	2.00-5.00	Cyber Security for Business Specialization	Get <b>hands on</b> organization's security
Day 3	9.00-11.00	Cryptography and Network Security	Acquire <b>knowledge</b> on standard algorithms for ensuring confidentiality, integrity and authenticity
	11.00-1.00	Fundamentals of Cloud Security	<b>Knowledge</b> to protect cloud based infrastructure, applications and data.
	1.00-2.00	<b>Lunch Break</b>	
	2.00-5.00	Concepts and Practices of Cyber Laws	<b>Understand</b> general practices followed related to cyber laws
Day 4	9.00-11.00	Concepts and Practices of Cyber Ethics	<b>Understand</b> general practices followed related to cyber ethics
	11.00-1.00	Cyber Threat Intelligence	<b>Analysis</b> of information about current and potential attacks
	1.00-2.00	<b>Lunch Break</b>	
	2.00-5.00	Vulnerability Analysis and Penetration Testing	<b>Evaluation</b> of Vulnerability related to cyber threats

Day 5	9.00-11.00	Ethical Hacking and Utilities	<b>General awareness</b> about ethical hacking
	11.00-1.00	Digital forensics and Cyber Crime Investigation	<b>Understanding</b> Cyber Crime reporting practices
	1.00-2.00	<b>Lunch Break</b>	
	2.00-4.00	International Cooperation against Cyber Crime	<b>Evaluate</b> international cooperation mechanism
	4.00-5.00	Assesment test on Cyber Security	<b>Assesment Result</b>