

Dated-18.12.2021

Short-Term Certificate Course

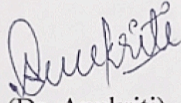
It is a pleasure to inform that Department of Political Science is going to start a Add-on-Course on 'Cyber Security' from December, 2021. The course aims to acquainting the students with the basic idea of cyber space. Primarily, the course provides extensive knowledge concerning cyber security, cyber crime, cyber law in India and mitigation techniques.

Eligibility: The course is open for all UG and PG students of Morning and Evening Sessions of the College

Course fee: Rs. 900

Total Seats: 40

Registration Link: <https://forms.gle/xzJoWekRrRgRvqWLA>



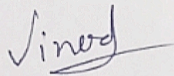
(Dr. Anukriti)

Organizing Secretary



(Dr. Virender Singh)

Organizing Secretary



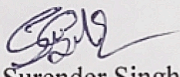
(Dr. Vinod Kumar)

Convenor



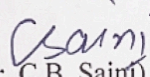
(Prof. Shri Om)

Convenor



(Dr. Surender Singh)

Convenor, Add-on Courses



(Dr. C.B. Saini)

HOD



(Dr. S.K. Goyal)

Principal

Contact: If any query:

Prof. Shri Om Mob. No. 94161-11166

Dr. Surender Singh Mob. No. 9416996244

Dr. Vinod Kumar Mob. No. 99921-80960

Dr. Virender Singh Mob. No. 94674-30900

Dr. Anukriti Mob. No. 98961-22602

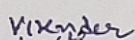
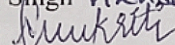
Dated: 18.12.21

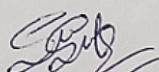
ADD-ON Course (2021-2022) in "Cyber Security"

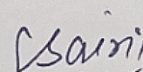
| | |
|---|---|
| Name of the Course | Cyber Security |
| Department | Political Science |
| Duration | 30/32/40 Hours |
| Number of Seats | 40 |
| Eligibility | UG and PG Students |
| Language | Hindi or English |
| Objective (s) | The course aims at acquainting the students with the basic idea of cyber space. |
| Course Structured | Attached |
| Syllabus (Minimum 3 Modules/Units) | 4 |
| Expected Outcomes | Students will be acquainted with : - cyber security landscapes - needs of Cyber Security in the age of ICT. - Cyber security solutions and cyber space environment. - cyber security laws in India - cyber risk management processes. |
| MoU (If Possible) (Name of Institution) | |

Note: Nomenclature of the course may be modified as per requirement of the course design.

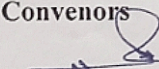
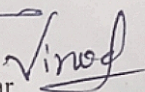
Organizing Secretaries

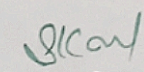
Dr. Virender Singh 
Dr. Anukriti 


Dr. Surender Singh
Convener, Add-On Courses


Dr. C.B. Saini
HOD, Dept. of Political
Science

Convenors


Prof. Shri Om 
Dr. Vinod Kumar


Dr. Sanjay Goyal
Principal

Dated: 18.12.21

ADD-ON Course (2021-2022) in "Cyber Security"

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Organizing Secretaries

Dr. Virender Singh *Virender*
Dr. Anukriti *Anukriti*

SB
Dr. Surender Singh
Convener, Add-On Courses

Csaini
Dr. C.B. Saini
HOD, Dept. of Political
Science

Convenors

Vinod
Prof. Shri Om
Dr. Vinod Kumar

SKG
Dr. Sanjay Goyal
Principal

Dated: 18.12.2021

To

The Principal
RKSD (P.G.) College, Kaithal

Respected Sir,

Subject: Application for Permission to Hold an inaugural ceremony of ADD-ON course on 'Cyber Security'

Kindly allow to hold an inaugural ceremony of ADD-ON course on 'Cyber Security' being organized by the Department of Political Science in Seminar Hall (PG Block) at 10:30 am on 20.12.2021. Further, an extension lecture will be delivered by Sh. Vasu K. Mangal, Advocate on cyber law at 11:00 am on 21.12.2021.

Thanking you

Dated

18.12.21

Allowed

Secy

18/12/21

Yours faithfully

C. B. Saini

Dr. C. B. Saini
HoD, Political Science

Dated: 18.12.2021

Syllabus -ADD-ON Course (2021-2022) in “Cyber Security”

Learning Objective

The course aims at acquainting the students with the basic idea of cyber space. Primarily, the course provides extensive knowledge concerning cyber security, cyber crime, cyber law in India and mitigation techniques. The course also focuses on above concepts in their practical point of view. It educates the students about secure digital environment and how to develop awareness in taking precautions to protect them from cyber crimes and various fraudulent activities.

Module-I

Cyber Security Fundamentals:

Cyber space and Cyber security: - Meaning, History, Types, Features and Importance.

Module-II

Cyber Crimes:

Cyber Crimes, Types, Tools of Cyber Crime, Distinction between Cyber Crime and Conventional Crime.

Module-III

Cyber Security Initiatives in India:

Cyber Laws- Indian Perspective of Cyber Laws, Initiatives taken by The National Cyber Coordination Centre, Impact of The Information Technology Act, 2000 and National Cyber Security Strategy 2020.

Module-IV

Cyber Crimes-Mitigation Techniques

Cyber Security Measures:-Intrusion Detection Systems, Antivirus Software, Firewall, Cryptography, Role of Cyber Security in E-Governance and Digital India initiatives, Cyber Safety Tips.

Project Work or Examination

Candidates will be required to work on a project or examination at the end of the course to evaluate their learning capacity. They are required to prepare above syllabus for the examination. It will be evaluated to award the certificates after the successful completion of the course.

Learning Outcomes

Students will be acquainted with:

- cyber security landscapes
- needs of Cyber Security in the age of ICT.
- Cyber security solutions and cyber space environment.
- cyber security laws in India
- cyber risk management processes.

RECOMMENDED BOOKS:

Gupta, Kailash N., Kamallesh N, Agarwala, and Prateek Amar Agarwala. **Digital signature: Network security practices.** PHI Learning Pvt. Ltd., 2005.

Ben-Asher, Noam, and Cleotilde Gonzalez, "Effects of cyber security knowledge on attack detection," **Computers in Human Behavior**, 48, 2015, 51-61

Gupta, Kailash N., Kamallesh N, Agarwala, and Prateek Amar Agarwala. **Digital signature: Network security practices**. PHI Learning Pvt. Ltd., 2005

Singh, Yatindra, **Cyber Laws: A Guide to Cyber Laws, Information Technology, Computer Software, Intellectual Property Rights, E-commerce, Taxation, Privacy, Etc. Along with Policies, Guidelines and Agreements**, Universal Law Publishing, 2010.

Iqbal, M., "Defining cyberterrorism", **J. Marshall J. Computer & Info. L.**, 22, 2003,397.

Jain, Pankaj, and Pandey Sangeet Rai, **Copyright and Trademark Laws Relating to Computers**, Eastern Book Company, 2005.

Ramnarayan, Mantri Gopal, "Channelization of social media through cyber law and its enforcement challenges in India," (2018).

Green, J., The Myth of Cyberterrorism, **Washington Monthly**, 34(11), 2002,8-13.

Murray, Andrew, **The regulation of cyberspace: control in the online environment**, Routledge-Cavendish, 2007.

Tabansky, Lior, "Cybercrime: A national security issue?," **Military and Strategic Affairs**, 4.3, 2012, 117-136.

Gordon, Sarah, and Richard Ford, " On the definition and classification of cybercrime," **Journal in Computer Virology**, 2.1 (2006): 13-20.