

SANJAY SHARMA

Project Engineer (C3i Lab)

Indian Institute of Technology, Kanpur

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Experience:

Total work experience 6 Years and 5 months (2011-19).

- Working as **Project Engineer**, in **Interdisciplinary Centre for Cyber Security and Cyber Defense of Critical Infrastructures**, at **Indian Institute of Technology**, Kanpur from 18 February, 2019 till date.
- **Founder member** of **Cyber Security Society** Uttar Pradesh. **Cyber Security Society** is Non-government organization with a mission of making Digital India secure.
- Served as a **Senior Faculty**, (BCA/B.Tech (**Information Security**), FET, RU) at **iNurture Education Solutions Private Limited**, Bangalore from 9th October 2017 to 7th February, 2019.
- Worked as **Post Graduate Research Scholar (Malware Analysis)**, in **Computer Science and Engineering** dept., at **NITTTR Chandigarh** from 10th January to 15th July, 2017.
- Served as a **Senior Lecturer** and **Technical Trainer** in the Department of **Computer Science & Engineering** at **Krishna Institute of Technology**, Kanpur from 30 Oct 2014 to 31 July 2016.
- Served as **Lecturer** in the Department of **Computer Science & Engineering** at **Vidya Bhavan College for Engineering Technology**, Kanpur from 16 Aug 2012 to 31 Jul 2014.
- Served as **Lecturer** in **Computer Science & Engineering** Department in **LMITM**, Lucknow from 2nd, July 2011 to 14th, August 2012.

Education:

- Pursuing **PhD.** (part time) From **Dr. A. P. J. Abdul Kalam Technical University**, Lucknow with collaboration of **Indian Institute of Technology, Kanpur**.
 - **Research Institute:** Indian Institute of Technology, Kanpur
 - **Research Area:** Malware Analysis
- **M.E. in Computer Science & Engineering** from **National Institute of Technical Teachers Training & Research**, Chandigarh with **7.90 CGPA** in **2017**.
 - **Research Area:** Malware Analysis
- **B.Tech. in Computer Science and Engineering** from **Rama Institute of Engineering & Technology**, Kanpur (Affiliated to GB Technical University, Lucknow) with **68.60%** in **2011**.

Publication:

December 2017 Detection of Advanced Malware by Machine Learning Techniques, Springer, Singapore, 2018.

March 2017 Unknown Malware Detection with Static Features Using Machine Learning: A Brief Survey, International Conference on Communication Computing and Networking, at NITTTR, Chandigarh.

Achievements:

- Awarded as a **Best Student Paper** at International Conference on **Soft Computing: Theories and Application (SoCTA 2017)**, Bundelkhand University Jhansi. The same news was covered widely in different News Papers dated 25 December, 2017 Jhansi edition.

Skills:

Tools Used	- Cisco Packet Tracer, Mendeley.
Programming language	- C, Python, Latex.
Machine Learning Tool	- WEKA, R.
Reverse Engineering Tool	- IDA PRO, OBJDUMP.
Vulnerability Assessment Tool	- Wireshark, Nessus Tool.

Conference & Workshop:

- **Faculty Development Program** on 26, April 2018 at Computer Science and Engineering Dept., Poornima University, Jaipur.
 - Presenter for- **Cyber Security: Recent Trends**.
- Attended five-day short term course on **Cyber Security** from 22nd to 26th 2018 conducted by Centre of Advanced Studies, Dr. A.P.J. AKTU, Lucknow.
- Attended two days **International Conference on Communication Computing and Networking March 2017**, at NITTTR, Chandigarh.
- Attended one-week training program on **R Programming** conducted by Predictive Analysis Solution Pvt. Ltd. Bengaluru from 06th to 10th March 2017, at **NITTTR, Chandigarh**.
- Attended one-week short term course on **Cyber Crime and Forensic Tools** through ICT (MHRD, Govt. of INDIA) from 6th to 10th February 2017 conducted by **NITTTR, Chandigarh**.

References:

- **Prof. Sandeep K. Shukla, Professor & Head**
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 - Supervisor for my PhD research.
- **Dr. C. Rama Krishna, Professor & Department Head**
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 - Supervisor for my M.E. research.