

CURRICULUM VITAE

Piyush Jain

Asst. Professor (CSE)

S.A.T.I, Vidisha, M.P.

Contact Number **09039200725**

Email: piyush24jain@gmail.com

linkedin: www.linkedin.com/in/piyushimself/

Objective: -

- Want to enhance my knowledge in application of **Information Security**.
- Work to provide services in the **field of education** and strive for excellence in area of Computer Science and Engineering.
- Be the part of Education Community to **improve the quality and serve** as much as possible.
- **Ignite the mind to solve social and industrial problems** through skills and application of Artificial intelligence and Cyber security.

National level exam qualified: -

- GATE 2011 Qualified with 97.59 percentile.
- GATE 2012 Qualified with 98.07 percentile.
- GATE 2013 Qualified with **99.23 percentile**.
- GATE 2017 Qualified with 94.69 percentile.
- GATE 2020 Qualified with more than 90 percentiles.

Academic Record: -

- **Master in Technology with specialization of Artificial Intelligence** with 6.89 CGPA from **Hyderabad Central University, Hyderabad, A.P.** in 2013-2015.
- (Title of Dissertation: Stability of Influence Maximization with Community Discovery.)
- **Bachelor of Engineering in Computer Science and Engineering** with 68.2% from **OIST, Bhopal, MP** in 2008-2012.
- **Higher Secondary** (12th) with 68% from MP Board, Bhopal, M.P. in 2007.
- **High School** (10th) with 81% from MP Board, Narsinghpur, M.P. in 2005.

Industrial Experience: - (8 months)

- Worked in Quickheal as Trainer profile in the field of Ethical Hacking and Cyber Security from February 2018 to August 2018. I developed the course material and teaching strategy for Quickheal academy. Also, I got the training in Malware analysis and coordinated training session on Cybercrime and forensics.

Teaching Experience: - (5 year)

- Working at SATI, Vidisha as Assistant professor appointed by NPIU under TEQIP III program since September 2018.
- Worked as Guest Faculty in Pune University for MTech in CSE department in March 2018 – June 2018.
- Worked as an Assistant Professor in GITAM University (Hyderabad campus) from June 2017 to Dec 2017.
- Worked as an Assistant Professor in Oriental Institute of Science and Technology, Bhopal from March 2016 - June 2017.
- August 2015 – March 2016: Worked as a Tutor for 9th and 10th CBSE students for Maths and Physics in Bhopal.

Areas of interest: -

Computer Science -

- Cyber Security, Algorithms, Networking.

Mathematical Strength -

- Algebra, Discrete Probability, Calculus, Combinatory, Numerical Methods, Binomial Theorem.

Software Skills: -

- Computer Language : C, Shell scripting, Latex, Python.
- Software Package : MS office, Kali OS, Linux, Burp Suite, Nmap.

Online Certificates: -

- Introduction to Cybersecurity Tools & Cyber Attacks (August 2020) (Coursera)
- Web Application Security Testing with Burp Suite (July 2020) (Coursera)
- Introduction to Cybersecurity (July 2020) (Cisco Networking Academy)

Industrial Training Information: -

Internship at HCL Career Development Centre, Bhopal (June 2011 - July 2011)

Hands on training in Networking Technologies involving:

[1] LAN networks

[2] Routers

[3] Network System

Projects and Research work: -

- **Implementation of Data Encryption Standard (January 2011 - May 2011).**

The final year project for my **Bachelor degree** demanded the implement of **Data Encryption Standard Algorithm**, which generally used for network security. I worked as an analyst along with the team members to accomplish the algorithm effectively. Usage of basic concepts like **Permutation-Combination** and their efficient application in the theorem resulted in the successful completion of the project.

- **Study of Stability for Influence Maximization algorithm with Community Discovery.**

This project I did for completion of my **MTech** in 2014-2015, in **Hyderabad central university**. It included theory about Graphs for **analysis of Social Networks** and study **random Noise Model** and **Gaussian Noise Model**. Along with this study, **Influence Maximization Algorithm** named Rank-Replace algorithm and study of stability issue for influence maximization is done and a new algorithm namely *Comm-RankReplace* is also proposed.

Participation and Leadership: -

- Participated in assemble-disassemble competition in **OIST, Bhopal**. (2008)
- Participated in movie making competition in **IIT Bombay**. (2009).
- Organized Tech-fest as a team member in **OIST, Bhopal**. (2010).
- Attended **Lecture series in Tech-fest** at **IIT Bombay**. (Jan 2014).
- Participated in **Coding competition** organized in **Hyderabad Central University**. (2014).
- Participated in **Machine learning and its Application workshop** in **Indian Institute of Space science and Technology, Thiruvananthapuram**. (2014).
- Organized **Lan Gaming Event in Tech Acme-2016**, the annual Techno-Cultural Festival in **Oriental Institute of Science and Technology** as a Coordinator. (2016)
- Leded a team of 6 students as a **Mentor in Smart India Hackathon 2017**, organized by **Govt. of India**, under problem domain of **Ministry of Tourism at Kothamangalam, Kerala**. (April 2017)
- Attended one day brainstorming talk on '**Cognitive Analytics and its future**' at **IBM Centre, Hyderabad**. (July 2017)
- Attended **APTIS English Grammar workshop** as training program in **GITAM University, Hyderabad**.
- Attended **faculty development program** on '**Introduction to Machine Learning**' held by **IIT KGP** under **The National Mission on Education through Information and Communication Technology (NMEICT)**.
- Attended '**NASSCOM Future Skill Training for Cyber security** at **IIT Roorkee**' in February 2020.
- I conducted **Future skill training for Cyber security** as per requirement of the **TEQIP project** by **NPIU** for more than 50 students by using **Google Meet**.

Strengths: -

- Good **problem-solving capabilities**.
- Good in taking challenges and **adaptive with new changes**.
- Very good and excited in **learning new things**.
- Habit of reading makes me **good listener** and **rational thinker**.
- I am having a good **experience** of conducting class for around 4 months in **online platform**.

Extra Activity: -

- I guided **UG level Minor projects** to Engineering students.
- I **organized few events** with engineering students **in some NGOs in Bhopal**.
- I supported as an **exam controller** for the CSE department in OIST, Bhopal for 6 months beside the work of Assistant professor.
- Recently I am learning and making **sketch-notes and animation videos** for better understanding of lectures and subjects.
- I worked as an **exam co-ordinator** in GITAM University, Hyderabad.
- I have experience of **managing third party trainers** for pervious work places to maintain the quality of project and the relation with the clients.

Personal Information: -

Father's Name : Mukesh Jain.

Mother's Name : Asha Jain.

Date Of Birth : March 24, 1990.

Gender : Male.

Contact Number : 09039200725

Category : General.

Languages Known : Hindi and English.

Permanent Address:

Main Road, Karakbel

Dist. Narsinghpur. (M.P.)

Pincode : 487114

Declaration: -

I certify that the information given above is true, complete and correct to the best of my knowledge and belief.

Date: - 06-09-2020

(Piyush Jain)