CURRICULUM VITAE

Dr. Snehankita Majalekar

E-Mail : snehankitamajalekar@yahoo.com

Mobile: +917057371098

Career Objective: - To be a part of organization that provides me opportunities to enhance my skills and talent and to contribute towards growth of organization.

Employment Record:

College / Company Name	Designation	Duration
Indira College of Commerce and Science	Assistant Professor	Dec 2017- Till Date
SCT College of Engineering, Bangalore	Assistant Professor	June 2016 – Sept 2017
Tech Mahindra	Software Engineer	May 2013 -June 2014
Sasken Communication Tech.	Software Engineer	Aug 2010 - April 2013
Sungard Technology Services	Software Engineer	Jan 2009 - March 2010
Indira College of Science, Pune	Lab Assistant	Aug 2006- June 2007

Education Details: -

Degree	University	Class	Period
PhD - Computer Science	JJT University		Dec 2024
NET	Joint CSIR &UGC		2019
M.Sc - Computer Science	SPPU	First Class	July 2006 - July 2008
B.Sc - Computer Science	SPPU	First Class	June 2003 - June 2006
H.S.C.	Maharashtra State Board	First Class	June 2003
S.S.C.	Maharashtra State Board	First Class	June 2001

Professional Summary: -
- 7.5 years of experience in Educational Industry as an Assistant Professor.
- 5.5 years of IT Industry experience in Telecom and networking Domain/Banking and finance domain.
- Debugging and problem solving skills with focus on innovative solutions to problems.
- Good knowledge on tools like Wireshark, Kompare, Metasploit, Burpsuite,NMAP, NETCAT.

Research Work:
- Indian Patent on "*Development of a Human Centric Wireless Sensor Networks*"
- International (Germany) Patent on "*An Intelligent Management System and Method for*

Integrating Mobile Payment Applications with Other Mobile Applications".

- Indian Government Copyright on Aadhar Card based Smart Shopping System (ACS3).
- Published Research Paper "*Mobile Ad Hoc Network Routing Protocols – Using OPNET Simulator*" https://doi.org/10.17762/ijritcc.v10i1.5513
- Published Research paper entitled "Mobile Ad-Hoc Network (Manet) Routing Protocols: Comparative Study " in *Journal of Renewable Energy Exchange ISSN: 2321-1067 Volume 12 Issue 3 (2024), PP 247-250*
- Published a paper titled "*Cyber security Risks in Decentralized Finance (DeFi) Analysis of Flash Loan Attacks, Oracle Manipulation, and Proactive Security Mechanisms.*" in the International Conference on NextGen Technology and AI for Sustainable Future," held on 12 & 13 April 2025, ISBN No. 978-81-982709-1-7.
- Published a paper titled "*An Internet of Things (Iot) Application that Enhances Agricultural Precision through the Use of Machine Learning Techniques*". in the International Conference on NextGen Technology and AI for Sustainable Future," held on 12 & 13 April 2025, ISBN No. 978-81-982709-1-7.
- Published Research Paper entitled "*Efficient Methods to reduce Energy Consumption for Blockchain Networks in MetaVerse*" held on 25th Jan 2025, ISBN 978-9348413-45-1
- Published Research Paper entitled "*Review of Cryptography Applicatons*" held on 25th Jan 2025, ISBN 978-9348413-45-1
- Published Research Paper entitled "*Optimizaing Multicloud Data Distribution Using AI Driven Adaptive Algorithm*" held on 25th Jan 2025, ISBN 978-9348413-45-1
- Published Research Paper entitled "*Exploring 6G integration with MANETs pathway to future communication Systems*" held on 25th Jan 2025, ISBN 978-9348413-45-1
- Published Research Paper entitled "*Detection and mitigation of DDoS Attack in 5G Networks*" held on 25th Jan 2025, ISBN 978-9348413-45-1
- Published Research paper entitled " Cyber Security Method for Intelligent Attack Detection " in *Journal of Renewable Energy Exchange ISSN: 2321-1067 Volume 12 Issue 4 (2024), PP 21-25*
- Working as Editorial Board member for "*International Journal of Research in Engineering &Technology*" and " *Journal Publication of International Research for Engineering and Management*"

Books Written:
- Published textbook with title "fOcuS" on Operating system in year 2021 with ISBN No. 978-93-5457-583-9.

Certifications:
- Certified in the field of Cyber Security as "Cyber Warrior "from Hackingflix academy.
- Certified in Digital Marketing.
- Certified in Computer System Security and wireless communication MANETs from IIT Kanpur.
- Various Certification on 5G technology, Penetration Testing, Burpsuite Essential, PenTesting with Metasploit, Literature Search from SPPU, Microsoft Innovative Educator

FDP/ Webinars:
- Completed 30 hours Indira faculty efficiency enhancement program (I-FEEP4) under faculty development program in academic year 2021-22 with score 72.66% with HRDC Pune
- Attended one Day state level seminar which is Internal Quality Assurance Cell (IQAC) organizes in association with National Assessment & Accreditation Council (NAAC) In academic year 2022-23.
- Completed the 15 hrs. I-FEEP under Faculty development program in 2019 organized by Indira College of commerce and science, Pune.
- Completed ATAL FDP on AI and ML for Intelligent Applications Using Python and

MATLAB
- Completed International workshop on Statistical Data Analytics & Interpretation using R Programming
- Completed State level seminar on Redefining Institutional Perspective Plans in View of NEP 2020"

Subjects Taught: C, Data Structures, Operating System, Computer Networks, Software Engineering, Assembly Language Programming, Vulnerability Assessment and Penetration Testing (VAPT), Digital Forensics, Fundamentals of Cyber Security, Digital Marketing, Ethical Hacking tools, Data Science, R Programming, BSc and MSc Industry and Research Projects.

Courses/ Guest Lectures Conducted:

- Conducted Web Marketing course of 40 Hours
- Conducted Guest lectures on Ethical Hacking tools
- Conducted Guest lectures on Cyber Security.
- Conducted Guest Lectures on VAPT for Cyber Security Students.

Responsibilities Handled:

- Installed and tested AWS cloud lab for Cyber security practical's
- Handling various NAAC Files
- Active participation in admission cell duties and college website handling for SEO in past 5 years
- Co-ordinated many courses like Foreign Languages, Cryptocurrency Training for students from all streams at ICCS.

Academics Experience:

Worked at SPPU, ICCS and other college examinations as

- Internal / External examiner
- Paper Setter
- CAAP

Personal Details:

Name	:	Snehankita Majalekar
DOB	:	4/8/1985
Nationality	:	Indian
Gender	:	Female
Marital Status	:	Married

Declaration: I hereby declare that above information is true to my best of knowledge.