

## ABOUT K. J. SOMAIYA INSTITUTE OF TECHNOLOGY

K. J. Somaiya Institute of Technology (KJSIT), Mumbai is an Autonomous Engineering Institute established by the Somaiya Trust, recognized by the UGC, approved by the AICTE & DTE, and permanently affiliated to the University of Mumbai. KJSIT offers UG Programmes in Computer Engineering, Information Technology, Artificial Intelligence & Data Science, Electronics & Telecommunication; a PG Programme in Artificial Intelligence; and Ph.D. programmes. KJSIT is accredited with 'A' Grade (CGPA 3.21) by NAAC and three of its programmes are accredited by NBA. KJSIT has been conferred with many recognitions, including the Best College Award (Urban Region) by the University of Mumbai, the Outstanding College Award by Somaiya Vidyavihar, and awards from ISTE, CSI (Mumbai Chapter), IETE, and IET, among others. KJSIT - Institution's Innovation Council (IIC) has been recognized by the Ministry of Education's Innovation Cell (MIC) as one the Best Performing IICs in the Western Zone as well as across India for five consecutive years since establishment. KJSIT was placed in Rank Band 51-100 in NIRF - India Rankings 2023 (Innovation Category). In Atal Ranking of Institutions on Innovation Achievements (ARIIA) 2022, KJSIT was ranked in 'Performer' Rank Band in the category of Self-Financed Institutes in India. KJSIT strongly promotes and conducts research and innovation activities to contribute towards society through technology.

## ABOUT DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Department of Artificial Intelligence and Data Science (AI-DS) established in the year 2020-2021 with the intake capacity of 60 seats and in the year 2023-24 intake of AI-DS increased to 120 seats. An undergraduate program B.Tech Artificial Intelligence and Data Science which imparting knowledge in the two emerging thrust areas Artificial Intelligence (AI) and Data science (DS). AI-DS students developed innovative projects under the guidance of faculty members for industry and other organizations, statistical analysis, data extraction, manipulation, visualization and data maintenance to interpret and predict business results and future.

## ABOUT THE FACULTY DEVELOPMENT PROGRAMME

The FDP on Cybersecurity aims to equip educators and researchers with the latest knowledge, trends, and hands-on expertise in various domains of cybersecurity. With the rapid advancement in technology, the threat landscape has evolved, necessitating advanced security measures. including penetration testing, cybercrime investigation, network security, and more. This FDP will include interactive lectures, live demonstrations, case studies, and hands-on practical sessions using real-world cybersecurity tools.



**SOMAIYA**  
**VIDYAVIHAR**

**K J Somaiya Institute of Technology**

An Autonomous Institute Permanently Affiliated to the University of Mumbai



## ATAL 6 Days Offline Faculty Development Programme

on

## “Fortifying the Digital Frontier: CyberSecurity Strategies for Threat Landscapes”

**ATAL Application Number : 1742893071**

**30 June - 5 July , 2025**

**Funded by AICTE under ATAL Scheme**



**Organized By:**

**Department of Artificial Intelligence And  
Data Science,**

**K. J. Somaiya Institute of Technology**

Somaiya Ayurvihar Complex,  
Eastern Express Highway, Sion  
(East), Mumbai – 400022

Phone: 022 44444400 / 44444490

Website: <https://kjsit.somaiya.edu.in/>,

<https://department.kjsieit.in/aids/>



PATRONS

Shri Samir Somaiya

President, Somaiya Vidyavihar

Lt. Gen. H. S. Kahlon

Hon. Secretary, Somaiya Vidyavihar

Dr. Raghunath Shevgaonkar

Provost, Somaiya Vidyavihar

Dr. Vivek Sunnapwar

Principal, K. J. Somaiya Institute of Technology, Mumbai

COORDINATORS

Dr.Milind Nemade

FDP Coordinator

Professor and Head – Department of Artificial Intelligence And Data Science

Contact: 9987014288, [mnemade@somaiya.edu](mailto:mnemade@somaiya.edu)

Dr. Sheetal Jagtap

FDP Co-Coordinator Assistant Professor – Department of Artificial Intelligence And Data Science

Contact: 9930480623 ,[sheetaljagtap@somaiya.edu](mailto:sheetaljagtap@somaiya.edu)

ORGANIZING TEAM

Faculty and Staff Members of the Department of Artificial Intelligence And Data Science

REGISTRATION AND CERTIFICATION DETAILS

- **Fees:** No Charges for Registration, Course, and Certification
- **Registration Link:** <https://atalacademy.aicte-india.org/login>
- **Registration Process:** Register and Login as Participant → Upload NOC → Choose Type: Atal, Mode: Offline → Application No: 1742893071 → Apply (+).
- **Eligibility:** Faculty Members, Research Scholars, and PG Scholars of AICTE Approved Institutions and Industry Professionals
- **Eligibility for Certificate:** Minimum 80% Attendance & Minimum 70% Score in Test based on content covered in the FDP.

Event Outline

Date	Session 1 (Topic Name)	Article Discussion	Session 2 (Topic Name)	Hands on Training (Topic Name)
30/06/2025	Web Application Penetration Testing	IEEE Computer Society Annual Symposium on VLSI	Network Security & Intrusion Detection Systems	Web App Pentesting
01/07/2025	Cybercrime Investigation	Springer Open Access	Offensive Security	Cyber Crime Investigation
02/07/2025	Cloud Forensics & Incident Handling	15th International conference on Contemporary Computing, Proceeding by Scopus Indexed ACM	OT Security	Cloud Malware Analysis and Detection
03/07/2025	Cybersecurity for Autonomous Vehicles	Springer Journal of Computational Analysis and Applications	Open Source Intelligence Network	OSINT
04/07/2025	Industrial Visit		Dark Web Monitoring	Cyber Threat Intelligence (CTI) & Dark Web Monitoring
05/07/2025	Cybersecurity for Cloud-Native Applications	Article Summary	MCQ and Reflection Journal	Session on Life Skills followed by Valedictory Session

Industrial Visit:

Industry Type: Cyber Security and Fintech

Area of specification :Security Operation Center

FDP TIMINGS (OFFLINE)

- **Day 1 (Inauguration):** 09:00 AM - 09:30 AM IST
- **Day 1 :** 09:30 AM – 05:30 PM IST
- **Day 2 – Day 4 :** 09:30 AM – 05:30 PM IST
- **Day 5 (Industrial Visit):** 09:00 AM – 01:00 PM IST
- **Day 5 :** 02:00 PM – 05:30 PM IST
- **Day 6 :** 09:30 AM – 05:00 PM IST

EXPECTED OUTCOMES

- Enhanced understanding of cybersecurity domains and current challenges.
- Practical exposure to cybersecurity tools and techniques.
- Ability to integrate cybersecurity knowledge into academic curricula and research.
- Strengthened research capabilities in cybersecurity domains.