



CONTACT

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LOCATION

Pune, India — relocating to the GCC

LINKEDIN

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CORE STRENGTHS

- Cyber Security & IoT Security
- Machine Learning · Deep Learning · GANs
- UG / PG Teaching & Mentoring
- Research & Academic Publishing
- Curriculum & Outcome-Based Education
- Academic ERP & Digital Transformation
- Accreditation Support (NAAC / IQAC)
- Admissions & Student Services

TECHNICAL SKILLS

Programming

C · C++ · Java (Core & Advanced) · Python · PHP

Microsoft Stack

VB.NET · ASP.NET

Databases

Oracle (DBA-trained) · SQL Server · MySQL · PostgreSQL · MS Access

Platforms

Linux · Windows · Academic ERP / IMS · SMS gateways

Research & AI

IoT security frameworks · ML/DL classifiers · GAN architectures

CERTIFICATION

- Oracle Database Administration (DBA) — Wilshire Technologies, Hyderabad

Dr. FAHEEMUDDIN AHMED

ASSISTANT PROFESSOR - COMPUTER SCIENCE | Ph.D. IoT SECURITY

Researcher & academic technologist · open to faculty roles across KSA · UAE · Qatar · Oman · Bahrain · Kuwait

17+

Years in Academia

11

Publications

2

Patents

15+

Courses Taught

30+

Conf. & FDPs

PROFILE

Research-active academician with 17+ years in higher education and a Ph.D. in Computer Science (2025) on secure data transmission for IoT devices. Credentials include 2 published patents (IP India) and 11 journal publications across IoT security, machine learning, deep learning and generative AI — six in 2025 alone. Teaching portfolio spans 15+ UG/PG courses, from Cyber Security and Java to Data Mining and Software Engineering, delivered to both computer-science and non-CS cohorts. Combines classroom excellence with institution-wide digital leadership as administrator of the college website, ERP and admissions systems. Ready to contribute publication output, industry-aligned curricula (AI, cyber security, data science) and accreditation experience to a GCC university from day one.

Research Interests: IoT security & secure data transmission · lightweight encryption · applied ML/DL · GANs · data integration & cloud security

PROFESSIONAL EXPERIENCE

Assistant Professor — Dept. of BBA (Computer Application) Dec 2008 - Present

Poona College of Arts, Science & Commerce (Savitribai Phule Pune University), Pune — 17+ years of continuous service

- **Teaching & Curriculum:** designed and delivered 15+ UG/PG courses; adapted the Cyber Security curriculum for five non-CS postgraduate streams, broadening security literacy across faculties.
- **Research Output:** authored 11 journal publications and 2 published patents; an actively producing pipeline in IoT security, ML/DL and GANs.
- **Project Supervision:** run Java, PHP, C/C++, MySQL and PostgreSQL laboratories; mentor mini-projects and capstone projects through full software-engineering lifecycles each year.
- **Digital Transformation:** administrator of the College Website & ERP (poonacollege.edu.in) since 2019 — own the end-to-end online admission cycle, website customisation, library ID-card database and institutional SMS service.
- **Quality & Accreditation:** contribute to NAAC documentation and IQAC academic audits; 30+ conferences, seminars and FDPs (2010–2020).

EDUCATION

Qualification	Year	University / Board	Result
Ph.D. - Computer Science	2025	SRTM University, Nanded	Awarded
M.Phil. - Computer Science	2019	SRTM University, Nanded	Awarded
M.C.A.	2007	Savitribai Phule Pune University	First Div. · 61.83%
B.C.A.	2004	SRTM University, Nanded	First Div. ·

LANGUAGES

- English — Professional
- Hindi — Native
- Urdu — Native
- Marathi — Professional

PERSONAL

DATE OF BIRTH
11 November 1980

NATIONALITY
Indian

MARITAL STATUS
Married

PASSPORT
Valid · ready to relocate

NOTICE PERIOD
Negotiable

Qualification	Year	University / Board	Result
			64.44%

Ph.D. Thesis: *Design and Development of Algorithms for Secure Data Transmission Using IoT Devices*

TEACHING PORTFOLIO

Area	Courses Delivered	Level / Mode
Security	Cyber Security (M.Com, M.A., M.Sc. CS, Zoology, Organic Chemistry, Electronics)	PG · Theory · Cross-disciplinary
Programming	C & Problem Solving; OOP with C++; Core Java; Advanced Java; Python basics	UG & PG · Theory + Lab
Data & Databases	RDBMS; File Organization & Database Fundamentals; Distributed Databases; Data Mining & Warehousing	UG & PG · Theory + Lab
Web & Software	Advanced Web Technology; Software Engineering; OO Software Engineering; Business Applications; Networking	UG & PG · Theory
Projects & Labs	Java, PHP, MySQL & PostgreSQL labs; mini-projects & capstones via software-engineering methodology	UG & PG · Supervision

PATENTS

- A Machine Learning-Based Human Resource Management Processing System for Detecting Personnel Stress: Design and Empirical Analysis. *Intellectual Property India*, published 6 Oct 2023.
- IoT with Artificial Intelligence Based Energy-Efficient Cache Localization Technique for Device-to-Device Communication Using Cellular Technology. *Intellectual Property India*, published 16 Sep 2022.

JOURNAL PUBLICATIONS

Reverse chronological · doctoral research outputs marked †

- [1] Secure Data Transmission Using Layered Hash Encryption Algorithm for IoT Devices †. *High Technology Letters*, Vol. 31(7), ISSN 1006-6748, 2025.
- [2] State-of-the-Art Algorithms for Securing IoT Data Transmission: A Systematic Review †. *Int. Journal of Multidisciplinary Research (IJOMR)*, 2025.
- [3] Designing an Efficient and Secure Data Transmission Algorithm for IoT Devices †. *Int. Journal of Advanced & Innovative Research (IIAIR)*, 2025.
- [4] Secure Data Transmission Using IoT Devices – A Review †. *Int. Journal of Scientific Research in Science & Technology (IJSRST)*, 2025.
- [5] Analysis of Generative Adversarial Networks (GANs) in Agricultural Pattern Recognition and Prediction. *IIAIR*, 2025.
- [6] Analysis of Classifiers with Different Attributes Related to Agriculture Patterns Using Deep Learning. *IIAIR*, 2025.
- [7] Design and Development of Data Integration Technique Using IoT. *Think India Journal*, Dec 2019.
- [8] Analysis of Cloud Infrastructure with Reference to Data Transfer and Data Security in Management Institutes under SPPU. *Ajanta*, Feb 2019.
- [9] Impact of Database Recovery Using RMAN Utility in Oracle 10g. *Ajanta*, Jan 2017.
- [10] IP Convergence Networks: Vulnerabilities, Threats and Countermeasures. *Peer-*

reviewed journal, Jan 2017.

[11] Design and Development of Data Integration Technology Using IoT Devices for Communication. *Peer-reviewed journal.*

■ CONFERENCES & DEVELOPMENT

- **Presented** at the International Workshop on Innovative Development in Commerce, Management, Economics, Banking, Humanities, IT & Environment (Feb 2020) and the State-Level Conference on Recent Advances in Commerce, Management & IT (Dec 2018).
- 30+ international, national and state-level conferences, seminars, workshops and FDPs (2010–2020): research methodology, e-content development, web literacy & Google tools, academic audit, NAAC accreditation.

■ INSTITUTIONAL SERVICE

- Administrator, College Website & ERP — poonacollege.edu.in (2019 – present)
- End-to-end coordinator of the college online admission process across the academic year
- Manager, library identity-card database and college-wide SMS communication service
- Contributor to IQAC quality initiatives and NAAC accreditation documentation

References, degree certificates and attested documents available upon request.