Abhishek Sharad Mali | **204460004**
Centre for Policy Studies | **Ph.D.**
Indian Institute of Technology Bombay | **Gender: Male**
DOB: 29/06/1992

Examination	University	Institute	Year	CPI / % Credits
Doctorate	IIT Bombay	IIT Bombay	2027	9.63 **Core:** 42 **| Total:** 54
Post Graduation	Defence Institute of Advanced Technology, Pune	Defence Institute of Advanced Technology, Pune	2018	8.1
Post Graduation Specialization: Modelling and Simulation				
Graduation	Shivaji University, Kolhapur	Karmaveer Bhaurao Patil College of Engineering, Satara	2014	63.82%
Graduation Specialization: Mechanical Engineering				
Intermediate	Maharashtra State Board of Secondary and Higher Secondary Education	Vidyamandir Highschool & Junior College Islampur	2009	61.00%
Matriculation	Maharashtra State Board of Secondary and Higher Secondary Education	Yashwant Highschool, Islampur	2007	82.46%

AREAS OF INTEREST

Responsible AI | Technology governance & regulatory frameworks | AI and the future of work | Model evaluation, fairness & explainability | Safety and Alignment | Defence & strategic technology

Ph.D. THESIS

Ph.D. Thesis, IIT Bombay *(AI at Work: AI Governance and Workforce Transitions in India's Knowledge and Creative Industries)*
Guide: Asst. Prof. Anupam Guha, Ashank Desai Centre for Policy Studies *[Jan 2021-present]*

- Assessed AI/ML deployments across **six sectors** (IT/ITES, CAD/CAM/CAE, VFX/SFX, digital media, healthcare, and academia) through **semi-structured interviews and surveys**
- Conducted research on **AI governance and applied ML**, including model-behaviour evaluation, human-computer interaction, **FATE+**, labour process theory, science, technology and society, and science, technology and policy

PUBLICATIONS & CONFERENCE PAPERS

- *The Interplay of AI, Policy, and Workforce in India: An Analysis of Governance and Innovation Dilemma* — **ICPP6**, International Public Policy Association *[Jun 2023]*
- *Human Resource Analytics and Artificial Intelligence: Disruptive Technologies with Disparate Implications for Labor in the Global South – A Policy Study of the Indian Context* — Intl. Conf. on New Technologies & the Future of Work in the Global South, **IHD–ILO–SCIS (Wits)** with NITI Aayog *[Jul 2023]*
- Op-ed, **The Indian Express**: *Why AI and the jobs crisis don't feature in the 2024 general election* *[May 2024]*

INTERNSHIP

Software Freedom Law Centre (SFLC.in), Delhi *(Intern)* *[May-Jun 2022]*

- Mapped the **AI ecosystem in India from a human-centric AI perspective**; **comparative analysis of the EU's AI policy landscape**
- Reviewed **collective harms and individual rights**: reimagining data governance through a collective rights framework
- Drafted the **APrIGF-2022 proposal** (Asia Pacific Regional Internet Governance Forum)

KEY ACADEMIC PROJECTS

M.Tech. Dissertation, DIAT (DU) Pune *(Internal Ballistic Modeling of Solid Rocket Motors Using A Level Set Method for Simulating Propellant Grain Burnback)* *[2018]*
Guides: Dr. D. Srikanth (Applied Mathematics); Mr. Vinay Yadav (Aerospace Engineering)

B.E. Project, Karmveer Bhaurao Patil College of Engineering, Satara *(The Quasi Static Turbine: A Modified Curved Shaped Blade for Pelton Wheel Turbine)* *[2014]*
Guide: Asst. Prof. S. S. Patil (Mechanical Engineering); *Co-guide:* Asst. Prof. A. B. Shelar (Civil Engineering)

TEACHING ASSISTANTSHIP

- **PS 626** AI, Data and Policy; **PS 630** Technology and the Future of Workers; **PS 632** Contemporary Issues in Data Policy and Management; **PS 634** Constitutional Law and Public Policy; **PS 621** Internship; AI, Policy, and Governance (**e-PG Diploma in AI & DS**)

INVITED TALKS

- Session on **Exploring Perspectives of AI and ML in Robotics and Automation**, FDP, Dr. D. Y. Patil Institute of Technology, Pune *[2024]*
- Guest speaker, seminar on **AI, Data and Policy**, Centre for Culture, Media and Governance, **Jamia Millia Islamia** *[2024]*
- Guest speaker, **AI and School Education** dialogue, Yashwantrao Chavan Centre, Mumbai *[2024]*
- Guest faculty, Outlive's **Youth Advocacy for Suicide Prevention (YASP) Fellowship**, CMHLP, Indian Law Society, Pune *[2023]*

WORKSHOPS & CERTIFICATIONS

- **Economy and Society Winter School**, New Political Economy Initiative, IIT Bombay, with IIM Kozhikode *[Dec 2024]*
- **AI Governance (2024-2025)**, BlueDot Impact *[Jul 2024]*
- **Designing and Running Randomized Evaluations**, MITx *[Jun 2022]*

SKILLS

Programming & Analytics: Python, R, SQL/NoSQL, MATLAB, Git, LaTeX, Power BI, Microsoft Excel with VBA
AI Tools & Standards: n8n agentic workflows, MCP, Responsible AI toolkits; EU AI Act, GDPR, DPDP Act, NIST AI RMF, ISO/IEC
Research Methods: Directed qualitative content analysis, stakeholder interviews, quantitative data analysis, modelling & simulation for system analysis, advanced statistics, optimisation, machine learning
Survey & Qualitative Tools: SurveyCTO, KoboToolbox, QualCoder, QGIS | **Languages:** English, Hindi, Marathi

EXTRA-CURRICULAR ACTIVITIES

- Two-time winner, **Blog-benchers** writing competition, Loksatta (Indian Express Group)

ADDITIONAL INFORMATION (SELF-DECLARED)

- *The governance–innovation dilemma in India's AI policy discourse: evidence from content analysis and purposive innovation ecosystem mapping* — **Manuscript under preparation**
- *AI Adoption and Workforce Transitions across India's Knowledge and Creative Industries: Evidence from Six Sectors* — **Manuscript under preparation**
- *Workflow Mismatch and Interaction Friction in AI-Integrated Professional Work: An Embedded Multiple-Case Study from India* — **Manuscript under preparation**