

# DR. JAYESH JOGLEKAR

## Director, Board of Examinations and Evaluation

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## WORK EXPERIENCE

### Director, Board of Examinations and Evaluation

#### Hyderabad (Sind) National Collegiate University, Mumbai (Maharashtra State Public University)

From June 2023 - Present    Mumbai, India

- Conducted two Convocations, handling around 15,000 students at four campuses, the examination system per semester with multiple examination heads per course per student
- Contributed to the examination automation system, implementation of NEP-based examination system
- Nodal officer for UGC/NAD DigiLocker and Academic Bank of Credits (ABC), SWAYAM and e-SAMARTH
- In-charge Director for School of Technology

### Controller of Examinations

#### Symbiosis Skills and Professional University, Pune

Nov 2021 - June 2023    Pune, India

- Conducted two Convocations, handling around 2,000 students for the skill-based examination system per semester with six examination heads per course per student
- Contributed to the examination automation system
- Nodal officer for UGC/NAD DigiLocker and Academic Bank of Credits (ABC)
- NAAC 2.5 criteria coordinator
- Member of University staff selection committee

### Deputy Controller of Examinations

#### MIT-World Peace University, Pune

Aug 2017 - Nov 2021    Pune, India

- Developed examination system from scratch for new University
- Handled around 20,000 students for the trimester examination (three examinations per year) system
- Contributed to the digital examination automation system
- NAAC and NBA criteria coordinator
- Conducted two Convocations

### Associate Professor of Electrical Engineering

#### MIT World Peace University, Pune

Aug 2016 - Nov 2021    Pune, India

- Received 'Ideal Teacher Award'
- Contributed to the curriculum development
- NBA criteria team member

### Lecturer, Sr. Lecturer and Assistant Professor of Electrical Engineering

#### Maharashtra Institute of Technology, Pune

Aug 2004 - Jul 2016    Pune, India

- Worked as a course chairman at State University (University of Pune)
- Member of staff selection committee, Local Inquiry committee, Postgraduate examination committee of various Universities
- Handled several National level examinations as a centre in charge/coordinator

## ABOUT ME

Experience of **15+** years in teaching Electrical Engineering at the graduate and post-graduate levels and **7+** years of administrative experience in implementing examination reforms and digitalising examinations.

**Date of Birth**  
18-April-1980

**Residential Address**  
B/502, Vaidehi Enclave, Vidnyan Nagar Road, Bavdhan, Pune-411021 India.

## EDUCATION

### Post Graduate Diploma (PGD) in Cyber Law and Cyber Forensics

#### National Law School of India University (NLSIU), India

Feb-2022    Bangalore

### Doctoral degree (PhD) in Electrical Engineering

#### Savitribai Phule Pune University

Jan-2016    Pune

### Master's degree (ME) in Power System

#### University of Pune

2004    Pune

### Bachelor's degree (B.E.) in Electrical Engineering

#### University of Pune

2002    Pune

## MOST PROUD OF

**Ideal Teacher Award**  
Maharashtra Academy of Engineering Education and Research (MAEER) on 6-September-2016

**Discussion on Lightning causes**  
ABP Majha Vishesh aired on 5-Oct-2015 at 09:00 pm.

## ACHIEVEMENTS/CERTIFICATIONS



### Examinations and Evaluation:

- Completed online certificate course on **Assessment in Higher Education: Professional Development for Teachers**, conducted by Erasmus University Rotterdam
- Contributed as a Session Chair in the **International Debate on Examination and Assessment (IDEA-2021)** held on 8-June-2021 to 11-June-2021.
- Completed online certificate course on **Performance Assessment in the Virtual Classroom**, conducted by University of California, Irvine
- Participated in workshop on **Examination Reforms** by All India Council for Technical Education (AICTE)
- Participated in workshop on **Getting Ready for NAAC**, from MIT World Peace University



### Computer Programming:

- **R Programming A-Z™: R For Data Science With Real Exercises!** from Udemy in July 2021



### Others

- Participated in the IEEE PES Global Workshop on 'Electric Vehicle – Grid Integration: Opportunities, Challenges and Remedial Measures' held on 22nd and 23rd July 2021
- Approved Post Graduate Teacher of Electrical Engineering under the Savitribai Phule Pune University Faculty of Engineering.
- Training of Trainers at National Institute of Solar Energy (NISE), an autonomous institution of Ministry of New and Renewable (MNRE), Gurgaon, Haryana (7-Sept.-2016 to 9-Sept.-2016.)
- Online course on 'Career Edge - Knockdown the Lockdown', conducted by TCS iON
- PWD Electrical Supervisor license issued by Department of Labour, Govt. of Maharashtra

## AREAS OF INTEREST



### Examination Management System



### Microgrid Operation and Control



### Grid Restoration Analysis



### Modeling and Design of Power System Islanding with Microgrid

## MEMBERSHIP/ASSOCIATION



### CoE India (Founder member)

Group of Controller of Examinations, Registrar (examinations) from various Universities



### Institution of Engineers

(India)



### Life Member, ISTE

(India)



### IEEE Smart Grid R&D Committee

(USA)



### American Association for the Advancement of Science

(USA)



### Life Member, American Energy Society

(USA)

## STRENGTHS

Sincere

Hardworking

Tech-Savvy

Dedicated

Quick Learner

Innovative

Adaptable

Self-Motivated

Proactive

Critical Thinker

Collaborative

## LANGUAGES

English

Hindi

Marathi



## RESPONSIBILITIES

### University Level

- **Director, Board of Examinations and Evaluation** at Hyderabad (Sind) National Collegiate University, Mumbai (Maharashtra State Public University) from June 2023
- **Controller of Examination** at Symbiosis Skills and Professional University, Pune.
- **Deputy Controller of Examination** at MIT-World Peace University, Pune.
- **Member of Board of Studies** for Electrical and Electronics Engineering and MIT-World Peace University, Pune
- Member of Staff Selection Committee for University of Pune, MIT ADT University, Symbiosis Skills and Professional University.
- Member of Local Inquiry Committee for Pune University
- Subject Chairman, Paper Setter and Moderator for Pune University
- Examiner for Master of Technology Dissertations at Bharti Vidyapeeth Deemed University

### Institute Level

- **ARC Coordinator** for FE, SE and ME Admissions conducted by DTE, Govt. of Maharashtra
- Academic Coordinator for **Suryamitra** Skill Development Program conducted by Ministry of New and Renewable Energy, Govt. of India.
- **Coordinator** for Event Record Committee
- **Coordinator** for Admission Counselling Committee
- MIT – College of Engineering Pune – MoU Committee Member
- Committee Member for Bhartiya Chatra Sansad and National Teacher Congress.
- Finance Committee member for MIT-World Peace University, Pune
- Committee member for addressing academic queries for admissions in MIT-World Peace University, Pune

## PUBLICATIONS



### Ph.D. Thesis

- A Novel Power Grid Restoration Scheme using Active Generalised Unified Power Flow Controller, available online: April 2015, awarded: January 2016, Savitribai Phule Pune University (formerly University of Pune).



### Journals

1. S.Heganna, J. J. Joglekar, 'Active vibration control of smart structure using PZT patches', Elsevier Procedia Computer Science, Vol. 89 ( 2016 ) pp 710 – 715. [doi: 10.1016/j.procs.2016.06.040]
2. J. J. Joglekar, Dr. N. Gopalakrishnan, Dr. Y. P. Nerkar, 'A Novel Power Grid Restoration Scheme using Active PFC', Elsevier - International Journal Procedia Technology, Vol. November 21 2015, pp 256-263. [doi:10.1016 /j.protcy.2015.10.024]
3. J. J. Joglekar, Dr. N. Gopalakrishnan, Dr. Y. P. Nerkar, 'A Novel Approach for Improving Stability of Thermal Power Stations during Cascade Tripping', Technical Journal of The Institution of Engineers (India), Vol. 37 Nov 2013, pp 119-124, ISBN 978-81-924990-1-7.
4. J. J. Joglekar and Dr Y. P. Nerkar, 'A different approach in system restoration with special consideration of Islanding schemes', International Journal of Electrical Power & Energy Systems (Elsevier-Science Direct), vol. 30, issue 9, November 2008, pp: 519-524. [doi: 10.1016/ j.ijepes.2008.04.003]
5. J. J. Joglekar and Dr. Y. P. Nerkar, 'A plan of Islanding scheme for Pune City', De Gruyter - International Journal on Emerging Trends in Electrical Engineering, vol. 5 issue 1, 2006. [doi: 10.2202/ 1553-779X.1107]



### Conference proceedings

1. S.Heganna, J. J. Joglekar, 'Precise Positioning Application Considering Vibration Control in Piezo Actuated Stage', IEEE Third International Conference on Electronics and Communication systems (ICECS'16), Coimbatore
2. J. J. Joglekar, Dr. Gopalakrishnan and Dr. Y. P. Nerkar, 'A Novel Power Grid Restoration Scheme using Active PFC', International Conference on Smart Grid Technologies (ICSGT 2015), Coimbatore, 6-9 August 2015
3. J. J. Joglekar and Dr. Y. P. Nerkar, 'Application of UPFC for improving micro-grid voltage profile', 2nd IEEE International Conference on Sustainable Energy Technologies, Kandy, Sri Lanka, 5-9 December 2010
4. J. J. Joglekar and Dr. Y. P. Nerkar, 'Analysis and Design of Power System Restoration in the Context of Generating Plant Islanding', 2nd IEEE International Conference on Power and Energy (PECon 08), Johor Baharu, Malaysia, Dec 1-3, 2008
5. J. J. Joglekar and Dr. Y. P. Nerkar, 'Design and Development of Power Grid Restoration Scheme for Maharashtra State with Generating Plant Islanding', IEEE International Conference 'POWERCON' 2008, New Delhi, October 12–15, 2008

## BOOK CHAPTERS

1. 'Power and Energy Management in Microgrid' published by The Wiley International Publishing in the book 'Microgrid Technologies' 2021 (Chapter, pp 25-56) ISBN: 978-1-119-71087-5 (March 2021)
2. 'Techno-economic issues of power quality', published by The Institution of Engineering and Technology (IET) UK, in the book 'Power Quality in Future Electric Power System' (Chapter:10, pp 343-356) DOI: 10.1049/PBPO092E(2017)
3. 'Islanding of Energy System' (based on my PhD thesis chapter) published by Springer International Publishing AG in the book 'Sustainable Development in Energy Systems' 2017 (Chapter:11, pp 217-231) DOI: 10.1007/978-3-319-54808-1\_11(2017)

## CONSULTANCY

1. Design of smart energy monitoring and management system for mobile towers (Indus Towers) 2017
2. Electromagnetically Cranked Compressor (Shantanu Ghosh and Ashutosh Kulkarni, T.E. Mechanical Engineering) 2017
3. Verification of Electrical Circuit design at 40 MLD STP, Sambalpur (Govt. of Odisha, India) 2017

## TECHNICAL STRENGTH

MS-Office  
L<sup>A</sup>T<sub>E</sub>X  
C Programming  
Matlab  
Simulations  
Engineering  
Curriculum Design  
Research & Development

