



## Electrical Engineering Department

### FACULTY PROFILE

#### Prof. Jagruti Shrikrushna Solanke



Qualification:	Ph.D. Appearing (Electrical Engineering)  M.E. (Electrical Power System)  B.E. (Electrical Engineering)
Designation:	Assistant Professor
Date of Joining:	07 <sup>th</sup> September, 2022
Teaching Exp.:	8.5 years
Industrial Exp.:	00
Mobile No.:	9730165436
E-mail:	<a href="mailto:Jagrutigore44@gmail.com">Jagrutigore44@gmail.com</a>

<b>Subject taught:</b>	<ol style="list-style-type: none"> <li>1. Basic Electrical Engineering</li> <li>2. Energy &amp; Environment</li> <li>3. Electrical Measurement &amp; Instrumentation</li> <li>4. Transformer and DC-Machines</li> <li>5. AC Machines</li> <li>6. Power System-I</li> <li>7. Switchgear &amp; Protection</li> <li>8. Electrical Machine &amp; Applied Electronics</li> <li>9. Power Electronics</li> <li>10. Electrical Drive</li> </ol>
<b>Research/ Publications:</b>	<ul style="list-style-type: none"> <li>➤ Published paper in IJIRCCE July 2016 on “Control of Doubly Fed Induction Wind Generator under Unbalance Grid Voltage Condition”</li> <li>➤ Attended and Published paper in 2rd International Conference on Computing, Communication, Control And Automation 12-13 Aug.2016 on “Coordination Control of DFIG Under Distorted Grid Voltage Conditions Using MatLab-Simulink” organized by IEEE Pune Section</li> <li>➤ Published paper in JETIR May-2020 on “Electricity Generation From Rooftop Ventilator”</li> </ul>

**Training/  
Workshop  
attended:**

- Attended 2nd Regional Network Meeting of Asian Alumni of the International Climate Protection Fellowship Programme on "Climate change and Energy Option" on 2-4 Feb. 2018
- Organized workshop for students on "Today's Engineer and Industry Requirement" on 10 th Feb. 2020
- Participated Energy Conference on Smart Electricity for Sustainable future organized by MASSIA Maharashtra Expo 2020 on 12 th Jan. 2020
- Participated in One day Workshop on "New Education Policy: Role of DBATU" organized by Dr.Babasaheb Ambedkar Tech. University, Lonere at MIT Aurangabad on 23 rd June, 2019
- Organized Guest Lecture on "Moral Values, Professional Ethics and Discipline" at department level on 30 th Aug. 2018
- Professional membership of International Association of Engineers (IAENG)
- One week Faculty Development Programme(FDP) on "Human values & Professional Ethics" organized in MGM's JNEC on 3 rd to 5 th July, 2018
- One month Part time course on "English Language Enrichment", designed and developed by MGM's Institute of Indian and Foreign Language and Communication, Aurangabad, June 2018

<p><b>Role and Responsibilities:</b></p>	<ul style="list-style-type: none"> <li>➤ ISO and IQAC department co-ordinator.</li> <li>➤ Technical Event Co-ordinator</li> <li>➤ Cultural Event Co-ordinator</li> <li>➤ Departmental library co-ordinator</li> <li>➤ Class Teacher</li> <li>➤ Industrial Visit Co-ordinator</li> <li>➤ Workshop and Guest lecture organizer</li> <li>➤ Project Guide for final year student</li> <li>➤ Lab in-charge</li> <li>➤ Teacher guardian for group of students</li> <li>➤ Seminar Guide</li> </ul>
<p><b>Committee Involvement:</b></p>	<ul style="list-style-type: none"> <li>➤ Library</li> <li>➤ IQAC</li> <li>➤ ISO</li> </ul>