



## CONTACT

PHONE:  
9860970798

WEBSITE:  
[www.gpabad.ac.in](http://www.gpabad.ac.in)

EMAIL:  
[rbswati@gmail.com](mailto:rbswati@gmail.com)

Address:  
Govt. Polytechnic,  
Osmanpura, Aurangabad-431  
005

## HOBBIES

Teaching  
Management  
Administration  
Writing  
Art & Culture

## MEMBERSHIPS

Life Member of Indian  
Society for Technical  
Education. Membership No.:  
LM40705

Member of Various Interview  
Panel Committee for  
selection of lecturer, HOD &

# SWATI BHASME

HOD & I/C VICE PRINCIPAL

## EDUCATION

---

**M.E. Electrical Power System**  
**Government Engineering College, Aurangabad**  
Nov 2006

**B.E. Electrical Electronics & Power**  
**Government Engineering College, Aurangabad**  
June 1998

**HSC**  
**S.B Science College, Aurangabad**  
June 1994

**SSC**  
**Sharda Mandir, Girls High School, Aurangabad**  
June 1992

## WORK EXPERIENCE

---

**Junior Engineer, MSEB**  
July 1999 to Aug 2001  
Management of Resources, Technical Field Work

**Lecturer, Government Polytechnic, Directorate of  
Technical Education, Mumbai**  
Aug 2001 - March 2018  
Academic Deliberation, Development of Student through  
Teaching & Learning aids.

**Head of Department, Government Polytechnic,  
Directorate of Technical Education, Mumbai**  
March 2018 - Till Date  
Teaching & Academic Administration, Management &  
Development of Department, Institute & Technical  
Education

Principal.

**QUALIFICATION:**

Qualification Type	Name of Degree	Name of College/Institute	Board/ University	Year of Completion	Percent age / Grade	Class / Grade
Graduate	B.E.	Government Engineering College, Aurangabad	Dr. BAMU Aurangabad	1998	68.53	Distinction
Post-Graduation	M.E.	Government Engineering College, Aurangabad	Dr. BAMU Aurangabad	2006	67.56	First Class
Ph. D	Ph. D	Government Engineering College, Aurangabad	Dr. BAMU Aurangabad	Pursuing	NA	NA

**ADDITIONAL SKILLS:**

- I. Project development, guidance and management skills.
- II. Project Execution & Implementation
- III. Communication skill
- IV. Institutional Development

**CAREER DETAILS:**

Institution / Department / Organisation	Designation (Post Held)	Nature of Appointment	Nature of Job	From Date To Date	Duration	MPSC Other
Maharashtra State Electricity Board	Junior Engineer	Permanent	Technical	1 July 1999 to 16 Aug 2001	2 Years, 1 Month 16 Days	MSEB Board
Higher and Technical Education Govt. of Maharashtra	Lecturer	Permanent	Teaching	17 Aug 2001 to 05 Mar 2018	15 Years, 9 Months 9 Days	MPSC
Higher and Technical Education Govt. of Maharashtra	HOD	Permanent	Administration	6 Mar 2019 to till date	1 Year, 10 Months	MPSC

**SPECIALIZED TRAINING COURSES ATTENDED:**

<b>Sr. No.</b>	<b>Course Name</b>	<b>Duration</b>	<b>Place</b>	<b>Training Agency</b>	<b>Remarks</b>
01	Technical Teachers Training Phase -I	15 <sup>th</sup> Apr – 10 <sup>th</sup> May 2002	Government Polytechnic, Aurangabad	National Institute of Teachers Training & Research, Bhopal	Four Week
02	Power Station Operation & Load Dispatch	APR 2-6, 2002	Eklahre, Nasik	Department of Training, Research & Development	One Week
03	Advanced Topics in Linear System Theory	May 13-24, 2002	IIT, Bombay	IIT, Bombay	Two Week
04	Transformer Testing, Maintenance & Protection	Mar 22-26, 2004	Government Engineering College, Aurangabad	EED, Government Engineering College, Aurangabad	One Week
05	Applications of MATLAB in Electrical Engineering	August 16-20, 2005	Government Engineering College, Aurangabad	Indian Society for Technical Education (ISTE), India	One Week
06	Development of Learning resources using Multimedia	Oct 31- Nov 11, 2006	Government Polytechnic, Aurangabad	Indian Society for Technical Education (ISTE), India	Two Week
07	Industrial Training on Manufacturing Processes & Testing of Switch gear equipments	18 June -13 August, 2008	ABB, Nasik	ABB Limited	Eight Week
08	Solar Photovoltaics: Fundamentals, Technologies & Applications	Dec 12-22, 2011	College of Engineering, Pune	IIT Bombay MHRD & MNRE	Two Week
09	Advances in Signal & Image Processing (ASIP)	Nov 26-30, 2012	Government Engineering College, Jalgaon	TEQIP, GEC, Jalgaon	One Week
10	Research Methodology – Concept & Tools	Dec 16-20, 2-13	Government Engineering College, Aurangabad	TEQIP, PH II, GECA	One Week
11	Statistical Techniques for Data analysis in Research (STEDAR -2014)	June 9-13, 2014	Government Engineering College, Aurangabad	Civil Department, GEC, Aurangabad	One Week
12	Capacity Building	Nov 10-14, 2014	Government Polytechnic, Aurangabad	Directorate of Technical Education, Maharashtra	One Week
13	Applications of MATLAB & Simulink for Engineers	May 16-17, 2015	College of Engineering, Pune	Mechanical Department, COEP	Two Days
14	Latex & Science	August 8-10,	JNEC,	Civil Department,	Two

	Communication	2015	Aurangabad	JNEC, Aurangabad	Days
15	Work Ethics Motivational Climate & Attitude development (FDP)	Mar 8-9, 2016	Government Polytechnic, Aurangabad	National Institute of Teachers Training & Research, Bhopal	Two Days
16	Orientation Training on Learning Management System (LMS) for e-learning	Nov 17-19, 2016	YASHADA, Pune	YASHADA, Pune	Three Days
17	Tools for Cyber Security: A Laboratory Course	May 22-26, 2017	IIT Bombay	Continuing Education & Quality Improvement Program, IIT, Bombay	One Week
18	Faculty Development Program (FDP)	18 Feb 2019 To 01 March 2019	MCED, Aurangabad	National Science & Technology Entrepreneurship Development Board (NSTEDB)	Two Week
19	Role of Industry Institute Interaction & Alumni for Development of Technical Education	March 11-15, 2019	Government Engineering College, Aurangabad	Dean III & A GECA	One Week
20	E – Governance for Institutional Development	Mar 25-27, 2019	YASHADA, Pune	Yashwantrao Chavan Academy of Development Administration (YASHADA), Pune	
21	Government Process Re-engineering for e-Governance	Dec 11-13, 2019	YASHADA, Pune	Yashwantrao Chavan Academy of Development Administration (YASHADA), Pune	

#### RESEARCH & PUBLICATION ACTIVITIES:

Publication Type	Name of Journal with Volume No. and page Numbers	Year of Publication	Title of Paper	Impact Index
National	Advances in Power systems and Energy Management Conference on PP 1-2 march 2008	2008	<i>Distributed Generation in Developing Countries</i>	2.2
National	Emerging trends in Advanced	2009	<i>Improvements in system</i>	2.5

	Communication and Electronics PP 8-9		<i>stability with HVDC and FACTS</i>	
International	Current trends and Challenges in Management Engineering Computer Application and Technology	2012	<i>Design of Scheffler reflectors for cooking</i>	2.2
International	Current Trends and Challenges in Management Engineering Computer applications and Technology PP 23-25	2012	<i>Improved Circuit Model for Photovoltaic array and</i>	2.2
International	Renewable energy utilization PP 4-6	2012	<i>Concentrating Solar Power Technologies Cost and Benefits</i>	3.1
International	International Journal of Power System Operation and Energy Management ISSN Volume 1 Issue- 4 PP 62-67	2012	<i>Modelling and Analysis of Single-Phase Grid Connected solar power system</i>	3.4
International	International Journal of research in Engineering and Technology EISSN 2319-1163 Volume 5 Issue 3	2013	<i>Design of Scheffler Reflector for Solar Cooking</i>	2.2
International	International Journal of Engineering Innovations and Research Volume 4 ISSN: 2277 – 5668	2015	<i>Performance Analysis of Scheffler Reflector used for solar dry cleaning.</i>	2.2
International	International Journal of Engineering Research and Technology ISSN 0974-3154 Volume 9 Number 1 (2016) PP 1-16	2016	<i>“Comparative Evaluation of Parabolic Collector and Scheffler Reflector for Solar Cooking”</i>	3.8
International	<b>International Journal of Advanced Research, Ideas and Innovations in Technology”</b> (ISSN: 2454-132X) <b>Volume 6,</b>	<b>2020</b>	<i>“Design and analysis of a high-efficiency, cost-effective solar concentrator system for community solar cooking”</i>	4.8

- Presentations and Publications in Referred International Conference Proceedings (Total 03)

- Presentations and Publications in Referred National Conference Proceedings (Total 05)
- Reviewer for international Journals: Springer Journal

#### **WORK DONE IN THE AREA OF TECHNICAL EDUCATION-**

- Developed Power Electronics and Fundamentals of Electronics lab under MODROB schemes during 2004 - 2006
- Organized Three MSBTE sponsored STTP program for faculty and staff.
- Organized state level alumni meet for Students of Electrical Engineering.
- Developed Lab Manuals for Various subject in Electrical Engineering for MSBTE and autonomous institute.
- Executed MOU with various Industries from Maharashtra for imparting skills & Knowledge to students during implant training.
- Worked as committee member for publication of Magazine of MSBTE.
- Worked as chairman of Committee for Academic Monitoring of Various Institutes.
- Worked as External Examiner for Various Examinations of MSBTE & Autonomous Institutes.
- Member of Various Interview Panel Committee for selection of lecturers, HOD & Principal.

#### **WORK DONE IN THE OTHER AREA**

- Arranged health camp for faculty and students
- Arranged one day health Camp on Osteoporosis for faculty for Institutes
- Arranged Health Talk of Expert doctor for staff and students.

#### **WORK DONE FOR SOCIETY:**

- Coordinator of Unnat Bharat Abhiyan. Adopted Five villages under UBA for development. Completed survey of villages and working for installation of Solar PV System in Villages.
- Secretary of RUT VED Foundation. The foundation is working for welfare of society especially underprivileged children.
- Developed biogas Project for community cooking at Village like Varud Khurd, Aurangabad

#### **WORKSHOP/COMPETITION ARRANGED:**

- Organized state level Technical Quiz for students.
- Worked as Inauguration committee chairman for “Industry Institute Congregation” held in April 2018 at Marathwada regional Level.

**EXPERT TALK:**

- Delivered expert talk for subject like renewable energy resources, AC machines, Power Electronics at various institute of Polytechnics of MSBTE.

**HONORS AND AWARDS:**

- Every Year Guided student project is got selected in MSBTE and Dipex sponsored project Competition.
- Guided Students received first Prize in MSBTE state level Technical Education Competition for Project “An automation to generate electricity from wind experienced by moving train” including cash of Rs. 75000/- and Golden Trophy.
- Guided students received third prize in state Level seminar competition for “Kite energy generation” sponsored by MSBTE
- Guided students received third prize in National level project competition for project “Energy generation from Kite Wind Power Plant” held at Kolkata organized by NITTTR
- Received certificated of best performance for events like Sports & Cultural activities coordinator from regional director.
- Received certificated of best performance for lab manual development & first prize in MSBTE Project competition from director MSBTE.

**SIGNATURE**