

Department of Electronics and Telecommunication Engineering

Sr. No.	Name of Research Centre	Total Seat	No. Of students presently Registered	Total vacancy available	No. of students completed PhD
1	Electronics and Telecommunication Engineering	15	3	12	07

Sr. No.	Name of supervisor	Thrust Area
1	Dr. P. M. Pandit	Artificial Intelligence and Computer Vision
2	Dr. Pragati D. Pawar	Digital Image Processing

Research Facilities available

1. Well-equipped Computer Laboratories with advanced desktops, high-speed internet, and secure network architecture.
2. Plagiarism detection tools for maintaining research ethics.
3. 24/7 high-speed internet & Wi-Fi across the research centre.
4. Matlab 2025 and Simulink, Proteus Software are installed in the lab.
5. e-journals of reputed publishing houses and research library.

Details of PhD Scholars awarded PhD

Sr. No	Name of Scholar	Name of Supervisor	Topic of Research	Caste	Year of Registration	Year of Award of PhD	Registration No.
1	Mr. Salim A. Chavan	Dr. S. G. Akojwar	Development of Gradual Transitions Detection Algorithms in Video Segmentation.	OPEN	2011	2015	SGBAU/Ph.D./Elec&tele.Engg/4905/2011/w.e.f. 15.07.2011
2	Mr. Pankaj M. Pandit	Dr. S. G. Akojwar	Development of Object Recognition algorithm using skeleton shock graph and artificial intelligence approaches.	OPEN	2011	2015	SGBAU/Ph.D./Elec&tele.Engg/4906/2011/w.e.f. 15.07.2011
3	Mr. A. R. M. Khan	Dr. S. M. Gulhane	Development of Sustainable ultra wide band communication system for underground Mine channel.	OPEN	2012	2017	SGBAU/Ph.D./Elec&tele.Engg/5243/2012/w.e.f. 15.01.2012
4	Mrs. Padmini G. Kaushik	Dr. S. M. Gulhane	Development of improved power efficient techniques for FPGA based system.	OPEN	2012	2024	SGBAU/Ph.D./Elec&tele.Engg/5242/2012/w.e.f. 15.01.2012
5	Ms. Pragati D. Pawar	Dr. S. M. Gulhane	An improved performance multistage approach for biomedical image processing.	OBC	2012	2023	SGBAU/Ph.D./Elec&tele.Engg/2567/2012/w.e.f. 15.07.2012

6	Mr. Rahul M. Mulajkar	Dr. Mrs. V. V. Gohokar	Design of efficient method for extraction of scene depth information for 2D-To-3D conversion.	OPEN	2013	2017	SGBAU/Ph.D./Elec&tele.Engg/5579/2013/w.e.f. 15.07.2013
7	Mr. Vaibhav R. Pandit	Dr. R. J. Bhiwani	Development of Algorithm for the fusion of Remote sensing images	OPEN	2014	2021	SGBAU/Ph.D./Elec&tele.Engg/256/2014/w.e.f. 15.07.2014

Details of Ongoing PhD Scholars

Sr. No	Name of Scholar	Name of Supervisor	Topic of Research	Caste	Year of Registration	Registration No.
1	Mr. Abdul Hameed Abdul Razzaque Ansari	Dr. S. M. Gulhane	Development of an improved performance algorithm for spectrum sensing in cognitive radio.	OPEN	2013	SGBAU/Ph.D./Elec&tele.Engg/5581/2023/w.e.f. 15.07.2013
2	Ms. Pooja Ratan Rathi	Dr. Mrs. V. V. Gohokar	Design and Development of multisensory smart assistive technology for blind.	OPEN	2015	SGBAU/Ph.D./Elec&tele.Engg/5681/2015/w.e.f. 15.01.2015
3	Ms. Diba Aafreen Ghulam Ahmad Shaikh	Dr. P. M. Pandit	Design and Development of an improved algorithm for early detection of diseases in salutary	OPEN	2022	SGBAU/Ph.D./Elec&tele.Engg/2567/2023/w.e.f. 01.09.2022