1. **Name** : Chandani Pankajkumar Gor
2. **Date of Joining** : 18-08-2007
3. **Address** : Assistant Professor

Department Of Electrical Engineering
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4. **Academic Qualifications**:

Degree	Division/Grade	Year	Specialization	Name of Institute
Ph. D.		Pursuing	Multiphase Induction Motor Drives for Electric Vehicle	SVNIT, Surat
M.E./M. Tech.	First Class	2006	Microprocessor System Applications	M. S. U. , Baroda
B. E./B. Tech.	First Class with Distinction	2003	Electrical Engineering	SVNIT, Surat
H. S. C.	First Class with Distinction	1999	--	GSEB
S. S. C.	First Class with Distinction	1997	--	GSEB

5. **Teaching and Research Experience** :

Institute	Post held	Period
Sarvajanik college of Enginnering, Surat	Lecturer	July 2006 to August 2007
Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat	Lecturer	August 2007 to July 2009
Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat	Assistant Professor	July 2009 to Till date

6. **Research Fields of Interest** **:** Multiphase Machines and Drives,
   Fault Tolerance and Detection,
   Artificial Intelligent Control Techniques and
   Electric Vehicles
7. **M.Tech/M.E. Dissertations Guided** **:** 10 completed + 2 On going
8. **Ph.D. Supervisor** **: -**
9. **Publications** **: 06**

   International Conference : 05

International journals: -

1. Gor, Chandani, and Varsha Shah. "Fault Tolerant Speed Control of Five Phase Induction Motor with Fuzzy Logic Controller for Electric Vehicle." *Journal of Advanced Research in Dynamical and Control Systems* 12.3 Special Issue (2020): 900–914. *Journal of Advanced Research in Dynamical and Control Systems*. https://doi.org/10.5373/JARDCS/V12SP3/20201333

International Conference: 05

1. C. Gor and V. Shah, "Modelling, Analysis And Control of Five Phase Induction Motor Drive under Open Circuit Fault for Electric Vehicle," 2019 IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP), Chennai, India, 2019, pp. 1-6. https://doi.org/10.1109/ICESIP46348.2019.8938312

2. C. Gor, P. Gupta, V. Shah and M. Lokhande, "Real time simulation of multiphase induction motor for electric vehicle using RT-Lab," IECON 2017 - 43rd Annual Conference of the IEEE Industrial Electronics Society, Beijing, 2017, pp. 6646-6651. https://doi.org/10.1109/IECON.2017.8217160

3. C. P. Gor, V. A. Shah and M. P. Gor, "Electric vehicle drive selection related issues," 2016 International Conference on Signal Processing, Communication, Power and Embedded System (SCOPES), Paralakhemundi, 2016, pp. 74-79. https://doi.org/10.1109/SCOPES.2016.7955554

4. Gor Chandani, Varsha shah and Makarand Lokhande, "Comparison of 3-phase and 5-phase Induction motor performance for electric vehicle motor performance" Electric Vehicle symposium and Exhibition, Montreal, Quebec, Canada, June 2016.

5. Shah, Parthkumar M. et al. "Hardware Implementation of Single-Phase Shunt Active Power Filter with Hysteresis Current Control Loop for Rectifier Type Load." *2014 IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2014*. Institute of Electrical and Electronics Engineers Inc., 2014. *2014 IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2014*. https://doi.org/10.1109/PEDES.2014.7042030

National Conference: NIL

10. **Conference/Seminars Attended** : 05
11. **Training Programs/Seminars Organized** **: 02**
12. **Expert Lectures Delivered** **: 04**
13. **Extra Curricular Activities:**

NIL

14. **Departmental Responsibilities**:

- Member Secretary of DAAC (EED) from Jan'19 to till date
- Faculty advisor of B.Tech IV from March '20 to till date
- Lab-In-charge, Microprocessor Lab
- Lab-In-charge, Electric Vehicle Lab
- Lab-In-charge, DSP Lab
- Lab-In-charge, UG Project Lab

15. **Subjects Taught at M.Tech and B.Tech level**

- Digital Signal Processing
- Electric Drives
- Microprocessors and Microcontrollers
- Electrical Network Analysis
- Electrotechniques
- Computer Applications to Electrical Engineering (Numerical Methods)