RESUME

1. **Name:**	Bhagsen Jagannath Parvat
2. **Current Official Address:**	Maratha Vidya Prasarak Samaj's **Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering (KBTCOE)** Udoji Maratha Boarding Campus, Near Pumping Station, Gangapur Road, Nashik-422013, Contact No. 9403709298 Ph. No.(0253)2571439 (office) Ext: 325 **E-mail:** parvat.bhagsen@kbtcoe.org
3. **Residential Address:**	Flat No. F-18, Wing-B, Varadlaxmi apartment, Khutwadnagar, Nashik, Mobile: 9922170663. Email:**parvat.bhagsen@kbtcoe.org**
4. **Date of Birth:**	June 01, 1974
5. **Nationality:**	Indian
6. **Marital Status:**	Married
7. **Languages Known:**	Marathi, Hindi and English

8. Educational qualification:

Sr. No	Degree (Specialization)	Institute & University	Year of Passing	% of Marks	Rank
1	Ph. D. (Instrumentation)	SGGSE&IT, Vishnupuri. SRTMU, Nanded	March 2018	-	Awarded
2	M. Tech. (Process Instru.)	Govt. College of Engg.(COEP), Pune (Pune University)	August 2006	6.48	First Class
3	B.E. Instrumentation	Pravara Rural Engineering College, Loni. (Pune University)	December, 1997	61.52	First Class
4	12th (HSC)	Maharashtra State Board, Pune	March, 1991	63.33	First Class
5	10th (SSC)	Maharashtra State Board, Pune	March, 1989	61.85	First Class

9. Teaching Experience: Organization, Designation and Period of employment.

Sr. No.	Institution / Organization	Designation	Period		Experience in Years
			From	**To**	
1	PDEA's College of Engineering, Hadapsar, Pune	Lecturer	01-10-2001	30-09-2007	6
2	Essar Steel Ltd. Hazira (Gujrat)	Faculty-Training	01-10-2007	29-09-2009	2
3	Pravara Rural Engineering College, Loni	Assistant Professor	14-09-2009	31-03-2012	2.5
		Associate Professor	01/04/2012	15/05/2019	7
4	MVP'S KBTCOE, Nashik	Assistant Professor	16-05-2019	01-11-2020	1.5
		Head & Associate Professor	02-11-2020	Till date	1.5
Total Teaching Experience as on July 2021					**20.5**

10. Project Works:

Completed BCUD minor Research project -"Real time simulation of coupled tank system" during 2012-14. (Rs.2.4 Lakh)

11. Membership of Professional Organization:

- Life member of **ISTE** (Indian Society for Technical Education) (LM-37394)
- Life member of **ISOI** (Instrumentation Society of India) (LM-1287)

12. Number of Research Papers published in National/International Journals:

1. B. J. Parvat and N. S, Patil, "Design, Simulation and Practical Implementation of Sliding Mode Controller based on Extended State Observer for Process Control Applications," Int. J. of Systems, Control and Communications, Inderscience (Accepted)

2. B. J. Parvat, N. S. Patil and S. D. Tidame, "Performance analysis of model based PID controller," Journal of Engineering Sciences, UGC Care, Vol1, Issue 4, ISSN NO: 0377-9254.(2020).

3. B. J. Parvat, S. B. Lukare and S. R. Pandit, "Model-based PID Controller for SISO and MIMO System Control," Journal of Control & Instrumentation, ISSN: 2229-6972 (Online), ISSN: 2347-7237 (Print), Volume 10, Issue 3 (2019).

4. B. J. Parvat and B. M. Patre, "Fast terminal sliding mode controller for square multivariable processes with experimental application," International Journal of Dynamics and Control, vol. 5, no. 4, pp. 1139–1146, Jul. 2016.

5. B. J. Parvat and B. M. Patre, "Robust Dynamic Sliding Mode Control for a Class of Uncertain Multi-variable Process," Advances in Intelligent Systems and Computing, pp. 67–76, Aug. 2016.

6. S. A. Wankhade, C. B. Kadu, and B. J. Parvat, "PI-PD Smith Predictor Based Cascade Controller Designing," Advances in Intelligent Systems and Computing, pp. 231–240, Aug. 2016.

7. B, V. Anarase and B. J. Parvat, "Design of Model Predictive Controller for Level Process," IOSR Journal of Computer Engineering, 2016.

8. B. J. Parvat, S. A. Deo and C. B. Kadu, "Mathematical modeling of interacting and non interacting tank system," International Journal of Application or Innovation in Engineering and Management (IJAIEM), 2015.

9. A. S. Ashtekar, B. J. Parvat and C. B. Kadu, " Application of Modbus to communicate the PLC and Lab VIEW for real time process control," International Journal of Emerging Science and Engineering (IJESE) 1 (11), 41-45, 2013.

10. D. B. Ghodke, C. B. Kadu, B. J. Parvat, and B. B. Musmade, "Robust stability of nonlinear dynamic systems using sliding mode controller," Fifth International Conference on Advances in Recent Technologies in Communication and Computing (ARTCom 2013), 2013.

11. B. J. Parvat, V. K. Jadhav and N. N. Lokhande, "Design and implementation of sliding mode controller for level control," IOSR Journal of Electronics and Communication Engineering (IOSR-JECE), 2012.

12. V. K. Jadhav, C. B. Kadu and B. J. Parvat, "Robust controller design using quantitative feedback theory (QFT)," International Journal of Computer Applications, Vol. 47, Issue 7, 2012.

14. Number of Research Papers published & Presented International Conferences:

1. N. S. Patil and B. J. Parvat, "Performance Analysis of Nonlinear Isothermal CSTR for Its Different Operating Conditions by Sliding Mode Controller Design," Mathematical Modeling, Computational Intelligence Techniques and Renewable Energy, pp. 215–228, Dec. 2021.

2. R. J. Pawar and B. J. Parvat, "MRAC and modified MRAC controller design for level process control," 2018 Indian Control Conference (ICC), Jan. 2018.

3. K. N. Bagal, C. B. Kadu, B. J. Parvat, and P. S. Vikhe, "PLC Based Real Time Process Control Using SCADA and MATLAB," 2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA), Aug. 2018.

4. R. J. Pawar and B. J. Parvat, "Design and implementation of MRAC and modified MRAC technique for inverted pendulum," 2015 International Conference on Pervasive Computing (ICPC), Jan. 2015.

5. R. Desai, C. Kadu, and B. Parvat, "Design of FO-PI controller for level process," 2015 Annual IEEE India Conference (INDICON), Dec. 2015.

6. B. J. Parvat and B. M. Patre, "Design of SMC with decoupler for multi-variable coupled tank process," 2014 Annual IEEE India Conference (INDICON), Dec. 2014.

15. Work as Reviewer: ISA Transactions, (Elsevier Journal) (05 papers reviewed)

16. Projects/ Dissertation guided: PG-21, UG-43.

Name & Signature
(Dr. Parvat Bhagsen J.)