I.   **Name:**   **Dr. Bhagsen Jagannath Parvat**

II. Current Official Address:

Maratha Vidya Prasarak Samaj's
**Karmaveer Adv. Baburao Ganpatrao
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(KBTCOE)**
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III. Residential Address: Flat No. 18B, B-Wing, Varalakshmi Apartment,
Kamathwade, Nashik (Maharashtra).
Alternate E-mail**:** pbhagsen@gmail.com

IV. Date of Birth: June 01, 1974

V. Nationality: Indian

VI. Marital Status: Married

VII. Languages Known: Marathi, Hindi and English

VIII. Educational qualification:

Sr. No	Degree (Specialization)	Institute & University	Year of Passing	% of Marks	Rank
1	Ph. D. (Instrumentation.)	SGGSE&IT, Nanded (Govt. Institute)	2018	Awarded	--
2	M.Tech. (Instrumentation)	Govt. College of Engg. (COEP), Pune	August, 2006	6.48 (C.G.P.A)	First Class with
3	B.E. (Instrumentation)	PREC, Loni	December 1997	61.52%	First Class
4	H.S.C.	PVP College, Loni	June, 1991	63.3%	First Class with Distinction
5	10th (SSC)	New English School, Satral	March, 1989	61.85%	First Class

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

Sr. No.	Institution / Organization	Designation	Period From	Period To	Experience in Years
1	PDEA's COE, Hadapsar	Lecturer	01-10-2001	30-10-2007	6
2	PREC, Loni	Asst. Prof.	14/09/2009	30/03/2012	2.5
3		Asso. Prof.	01/04/2012	15/05/2019	7
4	MVP'S KBTCOE, Nashik	Asst. Prof.	16/05/2019	31-10-2020	1.5
5		Asso. Prof.	01-11-2020	30/06/2024	3.5
6		Professor	01-07-2024	Till Date	0.75
Total Teaching Experience as on February 2024					**21 Yrs**

X. Project Works:

1. UG level project guided: 50
2. PG level project guided: 20

XI. Honors and Awards: (provide details): NIL

XII. Membership of Professional Organization:

- The Indian Society for Technical Education (ISTE) - Life Member

- The Indian Society of Instrumentation (ISOI) – Life Member

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

Scopus Indexed Journal Papers:

1. A. R. Laware, **B. J. Parvat**, and R. R. Navthar, "An integral augmented sliding mode controller: the experimental application to level control plant," International Journal of Automation and Control, vol. 18, no. 4, pp. 385–407, 2024.
2. **B. J. Parvat**, N. S. Patil, and Y. P. Patil, "Design, simulation and practical implementation of sliding mode controller based on extended state observer for process control applications," International Journal of Systems, Control and Communications, vol. 1, no. 1, p. 1, 2021
3. **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.

Book Chapters: (Scopus Indexed)

1. **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.
2. 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.
3. 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.

Some ISSN No. Journal Papers

1. **Parvat B. J**, Jadhav V. K. and Lokhande N. N., "Design and Implementation of Sliding Mode Controller for Level Control", IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) ISSN: 2278-2834, ISBN: 2278-8735, PP: 51-54 (2012).
2. Anjali S. Ashtekar, **Bhagsen J. Parvat** and Chandrakant 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), ISSN: 2319–6378, Volume-1, Issue-11, (2013).
3. Vilas K. Jadhav, Chandrakant B. Kadu and **Bhagsen J. Parvat**, "Robust Controller Design using Quantitative Feedback Theory (QFT)", International Journal of Computer Applications (0975 – 888), Volume 47– No.7, (2012).
4. **B. J. Parvat** and S. D. Ratnaparkhi "A Second Order Sliding Mode Controller Applications in Industrial Process", International Journal of Engineering Trends and Technology (IJETT), V19(4), 217-222 Jan 2015. ISSN:2231-5381, (2015).

5. Londhe P. P., Kadu C. B. and **Parvat B. J.**, "IMC-PID Controller Designing for FOPDT & SOPDT Systems", International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol. 4, Issue 5 (2016).
6. Yogita Pimpale and **B. J. Parvat**, "Design of Sliding Mode Control for Nonlinear Uncertain System", International Journal of Advance Research and Innovative Ideas in Education, Vol-4, Issue-5 (2018).
7. **B. J. Parvat**, S. B. Lukare and S. R. Pandit, "Performance Study of Combined Feedback and Feedforward Control", Journal of Emerging Technologies and Innovative Research (JETIR), Volume 10, Issue 3 (2023).
8. **B. J. Parvat**, N. S. Patil and S. D. Tidame, "Performance Analysis of Model Based PID Controller", Journal of Engineering Sciences, Vol 11, Issue 4 (2020).

XIV. Number of Research Papers published & Presented National/International Conferences:

Some International Conference Paper: (15 IEEE Papers)

1. R. J. Pawar and B. J. Parvat, "MRAC and modified MRAC controller design for level process control," 2018 Indian Control Conference (ICC), pp. 217–222, Jan. 2018.
2. B. J. Parvat and B. M. Patre, "Design of SMC with decoupler for multi-variable coupled tank process," 2014 Annual IEEE India Conference (INDICON), pp. 1–5, Dec. 2014.
3. B. J. Parvat and B. M. Patre, "Second order sliding mode controller for second order process with delay time," 2015 International Conference on Industrial Instrumentation and Control (ICIC), pp. 280–284, (2015).
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), pp. 1–6 (2015).
5. R. Desai, C. Kadu, and B. Parvat, "Design of FO-PI controller for level process," Annual IEEE India Conference (INDICON), pp. 1–5, (2015).
6. R. Desai, C. Kadu, and B. Parvat, "Design of FOPI controller for time delay system," International Conference on Energy Systems and Applications, pp. 375–378 (2015).
7. 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), pp. 1–5, (2018).
8. P. K. Rajbhoj, B. J. Parvat, and C. B. Kadu, "Design of feedback-feedforward controller for level control in a coupled tank system," 2015 International Conference on Energy Systems and Applications, pp. 462–465 (2015).

XV. Work as Reviewer: ISA Transactions, (Elsevier Journal) (05 papers reviewed), IEEE Conferences.

XVI. No. of Book Chapters Published: 02

XVII. Number of NPTEL / FDPs / ATAL / STTP / QIP courses attended: 04

XVIII. Number of Workshops / Seminars / Industrial visit/ Training organizing as coordinator: 15

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Name & Signature
(Dr. Bhagsen J. Parvat)

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