: FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: Parshan Bandopadhyay

Designation: Assistant Professor

Department: Electrical Engineering

School:

Research Area: Classical Control System, Nonlinear Systems, Chaos

Details of research portfolio of faculty:

A. Researcher's ID details:

Google Scholar ID: Orchid ID: 0009-0004-6310-0063

Scopus ID Vidwan ID

B. Publication details:

1. Conference proceedings/ Conference paper:

Sl. No.	Name of the Conference	Title of the paper	Month & Year of Publication	Author(s) Name	National/ International	doi number (if any)	ISSN/ISBN no.
1	3rd International Conference on Engineering Design and Computing (ICEDC) 2025	Applications of Linear and Nonlinear Controllers in Vehicle Dynamics	February,2025	Parshan Bandopadhyay	National		
2	3rd International Conference on Engineering Design and Computing (ICEDC) 2025	Control Strategies for Autonomous Systems and Robotics	February,2025	Parshan Bandopadhyay	National		
3	3rd International Conference on Engineering Design and Computing (ICEDC) 2025	PID Controller: A Comprehen sive Study and Its Various Applications	February,2025	Parshan Bandopadhyay	National		
4	3rd International Conference on Engineering Design and Computing	Stability Analysis of a Dynamical System: A Comprehensive Study	February,2025	Parshan Bandopadhyay	National		

	(ICEDC) 2025						
5	3rd International Conference on Engineering Design and Computing (ICEDC) 2025	A Comprehensive Study on Different Control Strategies	February,2025	Parshan Bandopadhyay	National		
6	3rd International Conference on Engineering Design and Computing (ICEDC) 2025	A comprehensive survey about the Applications of PID Controller in Robotics	February,2025	Parshan Bandopadhyay	National		
7	3rd International Conference on Engineering Design and Computing (ICEDC) 2025	A comprehensive review of Mathematical Modeling and Its Application to Control Systems	February,2025	Parshan Bandopadhyay	National		
8	3rd International Conference on Engineering Design and Computing (ICEDC) 2025	A Comprehensive Study on Challenging Types of Nonlinearities in Control Systems	February,2025	Parshan Bandopadhyay	National		
9	3rd International Conference on Engineering Design and Computing (ICEDC) 2025	A Comprehensive Study on CAN Bus Communication	February,2025	Parshan Bandopadhyay	National		
10	3rd International Conference on Engineering Design and Computing (ICEDC) 2025	A Comprehensive Study and Comparison Between Different Types of Controllers (Linear and Nonlinear)	February,2025	Parshan Bandopadhyay	National		

2. Publications in SCI/Scopus indexed Journals:

Sl. No	Name of the Journal (mention SCI/scopus)	Title of the paper	Month & Year of Publication	Author(s) Name (Highlight the corresponding and 1st author in every article)	doi number	Issue No. &Volume No.	Page no.	ISSN of the journal

3. **Book chapter:**

Sl. No.	Title of the book	Publishers	Author(s) Name (Highlight the corresponding and 1st author in every article)	Year	ISBN No.	doi no. (if applicable)

4. **Text/Reference book published from reputed national/international publishers:**

Sl. No.	Title of the Text/Reference book	Publishers	Author(s) Name (Highlight the corresponding and 1st author in every article)	Year	ISBN No.	doi no. (if applicable)

5. **Project granted:**

Sl. No	Sponsoring Agency	Name of the project	Duration		Amount in Lakhs	PI/ CO-PI
			Starting Month & Year	Ending month & Year		

6. **Consultancy Project Grant:**

Sl No.	Project title	Funding Agency	Duration	Completed (yes/no)	Sanctioned amount (in Rs.)	PI and CO-PI (if any)

7. **Patent/IPR granted:**

Sl. No.	Name of the patent	Name of the applicant	Name of the inventor	Date of File	Date of Publication	Whether Granted (yes/no); If yes, Date of Grant	Application No.