

Dr. Dharmesh Jagdishchandra Pandya

Professor & Head

Department of Electrical Engineering,

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✧ Educational Qualification

Degree / Exam	Board / Institute / University	Result	Year
Ph.D. (Electrical)	Mahatma Jyoti Rao Phoole University	N.A.	2017
M.Tech. (Electrical)	Institute of Technology, Nirma University	70.30%	2010
B.E. (Electrical)	Nirma Institute of Technology, Gujarat University	67.72%	2002
H.S.C.	Gujarat Secondary Education Board	72.92%	1998
GATE 2007	Indian Institute of Technology Kanpur (<i>organizer</i>)	341	2007

✧ Work Experience

Organization	Post	From	To	Remarks
Atmiya Institute of Technology & Science	Lecturer	02/08/2004	30/06/2010	Promotion to Senior Lecturer
Atmiya Institute of Technology & Science	Senior Lecturer	01/07/2010	09/08/2010	Re-designated as Assistant Prof. as per Resolution of GoG
Atmiya Institute of Technology & Science	Assistant Professor	10/08/2010	31/05/2017	Promotion to Associate Professor
Atmiya Institute of Technology & Science	Associate Professor	01/06/2017	31/12/2018	Institute to University Merging
Atmiya University	Associate Professor	01/01/2019	31/07/2024	Promotion to Professor (CAS)
Atmiya University	Professor	01/07/2024	till date	Total Experience: 21Y 5M

✧ Ph.D. Supervision

- (1) Ph.D. research scholars supervised at Atmiya University: **3**
- (2) Ph.D. research scholars under my supervision at Atmiya University: **8**
- (3) Ph.D. research scholars from other universities for whom I **served** as a DPC member: **3**
 - (i) Swarnim Startup & Innovation University 2
 - (ii) Sankalchand Patel University 1
- (4) Ph.D. research scholars from other universities for whom I am **servicing** as a DPC member: **10**
 - (i) Gujarat Technological University 2
 - (ii) Parul University 1
 - (iii) UPL University of Sustainable Technology 2
 - (iv) Indus University 1
 - (v) Vidhyadeep University 1
 - (vi) Noble University 3

✧ Research Papers

Sr.	Presentation / Publication	Qty.
1	Research Papers Published <i>and/or</i> Presented	35
2	Best Paper Award	5
3	Indexing in Scopus / Web of Science	10
4	No. of conferences, acted as Reviewer	8

Sr.	Presentation / Publication	Qty.
5	Publication in International Journal / Platform	18
6	Publication in Conference Proceeding	13
7	Presentation in International Conference	9
8	Presentation in National Conference	8

✧ Patent

Sr.	Applied to	Application No.	Title of Invention	Remarks
1	Indian Patent Office	202241005507 A	A System for Positioning and Placements of Devices Connected in IoT	Filed on 04/02/2022

✧ Book

Sr.	Book Title	ISBN	Publisher	Year
1	Modern Electric Vehicle Technology: The Future Towards Eco-Friendly Technology	978-93-5625-027-7	Scientific International Publishing House, Tamil Nadu	2022
2	Sustainability: Transformative Journey Towards Harmony	978-93-92481-93-2	Vedant Publication, Rajkot	2021

✧ Lifelong Learning

➤ Participation

Sr.	Attended	Mode	Qty.	Total	Sr.	Attended	Mode	Qty.	Total
1	Seminar	Online	5	6	3	FDP	Online	5	8
		Offline	1				Offline	3	
2	Workshop	Online	3	20	4	STTP/STC	Online	2	6
		Offline	17				Offline	4	

➤ Long Duration Courses

- (1) *Advance Certificate* in Power Distribution Management (ACPDM), from **IGNOU**, in Jun-2010.
- (2) *Specialization* in Energy Production, Distribution & Safety, from **Coursera**, in Jun-2020.

✧ Major Academic & Administrative Contribution

- (1) **Head of Department** of Electrical Engineering, since 02/05/2011.
- (2) **Associate Director**, Centre for Total Quality Management, Atmiya University, since 09/03/2021.
- (3) Member of **Board of Management** of Atmiya University, since A.Y 2018-19.
- (4) **NEP Coordinator**, Atmiya University, since A.Y. 2024-25.
- (5) Chairperson of **Curriculum Restructuring Committee** of Atmiya University, since A.Y. 2018-19.
- (6) Member of **Board of Studies** of Electrical Engineering of **Dr. Subhash University**, since A.Y. 2023-24.
- (7) Chairperson of **Board of Studies** of Electrical Engineering of Atmiya University, since A.Y. 2018-19.
- (8) Served as a resource person and conducted a session on “Selection of an Appropriate Journal for Publication” during the 5-day online **national level FDP** on *Effective Research Writing*, organized by Noble University, Junagadh, on 16/07/2025.
- (9) Developed a **Tinkering Lab** funded by Student Startup & Innovation Policy (SSIP), Government of Gujarat, during A.Y. 2017-18.

- (10) Organized a **National Level Hackathon**, from 10/09/2024 to 11/09/2024 (36 Hours), as a *Convener*.
- (11) Organized a **National Conference** on Emerging Trends in Computer & Electrical Engineering (ETCEE-14), from 07/03/2014 to 08/03/2014, as a *Co-convener*.
- (12) Organized a **National Conference** on Emerging Trends in Computer Electrical & Electronics Engineering (ETCEE-15), from 13/03/2015 to 15/03/2015, as a *Joint Convener*.
- (13) Organized a **Crystal Jubilee** function (alumni meet) on the occasion of completion of 15 years of establishment of the Department of Electrical Engineering, on 16/10/2016.
- (14) As an HOD, I had motivated the students to earn certificates during the *free certification period* (COVID-19 lockdown) on **Coursera**. Nearly **100 students** of the Department of Electrical Engineering had earned more than **768** certificates!

✧ Major Contribution in the field of Energy Conservation & Sustainability

- (1) As a *Ph.D. Supervisor*, I am currently guiding **8** research scholars, **3** of whom are focusing on the field of **energy conservation**.
- (2) Established a **Centre of Excellence in E-Mobility** in September 2025, supported by Imperial Society of Innovative Engineers (ISIEINDIA), Noida, under the nation-wide initiative *Project Saksham*, sponsored by **Hero MotoCorp** (under its CSR program) and Automotive Skills Development Council (**ASDC**) (Ministry of Skill Development & Entrepreneurship).
- (3) Completed the **Advanced Certification Program in GHG Carbon Accounting** from ESGPro Mastery Institute, held from 19/10/2024 to 24/11/2024. With the knowledge gained from this program, I am in the process of establishing a **Skill Centre for Energy Conservation**, sponsored by Esysense Tech Innovations Private Limited, Ghaziabad.
- (4) Organized a **state-level workshop** on “Emerging Trends in Renewable Energy with Hybrid Systems and AI/ML Applications”, technically supported by IEEE Computational Intelligence Society, Gujarat Section, on 02/08/2025, as a *Coordinator*.
- (5) Organized a **state-level workshop** on “Theory cum Practical Energy Conservation Awareness”, sponsored by Gujarat Energy Development Agency (GEDA), on 17/10/2024, as a *Coordinator*.
- (6) As the Single Point of Contact (SPOC) on behalf of Atmiya University, I signed an **MoU** with **Tata Power Skill Development Institute**, Mundra, on 19/10/2024. Under this MoU, **124 students** (65 boys + 59 girls) across 8 batches underwent skill training in the fields of **Solar Energy** and **Green Hydrogen**. Among these 124 students, **50 girls**, across 2 batches, benefited from Tata's *Women Empowerment Scheme*.
- (7) Developed a **Renewable Energy Sources Lab**, during A.Y. 2014-15, which was first of its kind in the *Saurashtra* region of Gujarat.
- (8) Presented a research paper titled “Comprehensive Analysis of Energy Audit Strategies for Enhancing Energy Efficiency in Higher Educational Institutes” at the 1st International Conference on Research and Innovation in Multidisciplinary Domains (ICRIMD-2024), organized by Noble University, Junagadh, on 27-28/12/2024. I was honored with the **Best Paper Award** for this presentation.
- (9) Published a **book chapter** titled “A case study: Energy audit at higher educational institutes to reduce energy consumption, cost of energy and environment impact for sustainable development” in the book titled “Integrated Technologies in Electrical, Electronics and Biotechnology Engineering”, published by CRC Press, **Taylor & Francis** Group, 2024.
- (10) I have been honored with **Young Scientist Award** during the *National Environment & Sustainability Awards 2024*, for my contribution to the field of Environment and Sustainability, by Society for Environment and Sustainable Development (SESD), at the University of Delhi, New Delhi, on February 20, 2025.

✧ **Personal Details**

Birthdate: 16/06/1981

Languages known: Gujarati, Hindi, English

Permanent address: B-402, Manhar Apartment,
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✧ **References**

(1) **Dr. Ashit S. Pandya**

Principal

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(2) **Dr. Yagnesh B. Shukla**

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Date: 26/12/2025

[Dr. Dharmesh J. Pandya]