

Personal Details:

Full Name: Alice Jude D'souza

Date of joining: 10-06-2016

Total Experience: 13 Years

**Educational Qualification:**

Sr. No	Name of the examination	Institute/University	Year of passing	Percentage of marks /CGPA Division	Specialization
1	B.E. Mechanical	Pune University	2011	66.53	Mechanical Engg.
2	M. E. Mechanical	Gujarat Technological University	2013	81.7	Thermal Engg.
3	PhD	Gujarat Technological University	2023	NA	Mechanical Engg.

Work Experience:

Sr. No.	Name of the organization	Designation	Duration
1	Parul Institute of Technology	Assist Prof. in Mech. Engg.	10/06/2013 to 05/05/2016
2	GEC, Bharuch	Assist Prof. in Mech. Engg.	10/06/2016 To Continuation

Training

Sr. No.	Year	Place	Duration	Subject/Title
1	2017	NITTR Exten., RCTI Ahmedabad	04-09-2017 to 15-09-2017	Induction Training Program Phase-I (IP-1)
2	2018	NITTR Exten., RCTI Ahmedabad	01-05-2018 TO 11-05-2018	Induction Training Program Phase-I (IP-II)
3	2018	Govt. Engg. College, Bharuch	26-02- 2018 TO 09-03-2018	First two way video communication through training program on "Emerging trends in major thrust areas of Mechanical Engineering"

4	2020	MOOC	27-01- 2020 TO 17-04-2020	NBA Accreditation and Teaching - Learning in Engineering
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5	2020	NITTTR	14-09 -2020TO 14-12-2020	Accreditation for Undergraduate Engineering Programmes.
6	2021	Government Engineering College, Bharuch	05-04- 2021 TO 09-04-2021	Recent Development in Renewable Energy
7	2021	AICTE	22-03-2021 TO 26-03-2021	Inculcating Universal Human Values in Technical Education
8	2023	MOOC	24-07-2023 to 13-10-2023	Soft Skills
9	2024	Atal 1 week FDP at Parul University	19-02-24 to 24-02-2024	Industry 4.0 and 3D printing: Future Factory
10	2024	Aditya Birla Pulp & Fiber Grasim Industries Vadodara	15-07-2024 to 24-07-2024	Supply Chain Management at Grasim Industries Ltd
11	2024	Atal 1 week FDP at MSU	23-09-2024 to 28-09-2024	Advances in Materials and Manufacturing
12	2025	MOOC	20-1-2025 to 11-4-2025	Thermal Engineering: Basic and Applied

Workshops Attended:

Sr. No.	Year	Place	Duration	Subject/Title
1.	2014	Parul Institute of Technology	10 th -14 th Nov. 2014	Emerging Trends in product Development
2.	2014	Gujarat Technological University	6 th – 8 th Nov. 2014.	Design Engineering
3.	2015	Gujarat Technological University	26 th – 28 th Feb 2015	Design Engineering

Publication :

Sr. No	Title	Name of Journal/Conference	Vol./Year/Page No.
1	A Review of Kinetics of Lignocelluloses Waste	International Journal of Applied Research & Studies, published in Jan 2013	ISSN 2278-9480

2 Experimental investigation on use
of Molecular Sieve 4A as
desiccant in heatless air dryer.

International Journal of
Mechanical Engineering,

Special issue-I, Vol. 7,
pp. 625-632, Feb. 2022
ISSN: 0974-5823

3	A review on the recent developments on solid desiccant based technology in HVAC applications	Asian Journal of Organic & Medicinal Chemistry,	Vol. 7 No 2 pp.334-342 (April -June, Special issue -I 2022) ISSN online:2456-8937
4	Design, analysis & manufacturing of bicycle shockwheel	Dizhen Dizhi Journal	ISSN- 02534967

Book Published

Sr. No.	Book Title	Publication	ISBN
1	Entrepreneurship: Case studies with respect to Indian scenario	Paperback & Kindle edition	ISBN 978-1-717-94557-0.

Patents Published

Sr. No.	Patent Title	Utility/Design	Date of Publication
1	ACRYLAIR CONTACTLESS ADJUSTABLE CONVEYOR	Design No. : 449598-001	30/06/2025
2	ENHANCED LAMINAR AIR FLOW DEVICE WITH SELF STERILIZATION AND INTEGRATED USER TRACKING SYSTEM	The Patent Office Journal No. 52/2024	27/12/2024
3	SUSTAINABLE MODULAR PACKAGING CONTAINER	Design No. : 505576-001	30/07/2026

Conference Paper

Sr. No.	Title of Papers	Conference	Date of Conference	Organizing Institute
1	“Kinetics of Lignocelluloses Waste”	National Conference on Emerging Vistas of Technology in 21 st Century 2013, published in May 2013	Jan 2013	Parul Institute of Technology ISBN No 9789382880318

2	Experimental investigation on use of activated alumina and molecular sieve 13x in heatless desiccant air dryer.	Recent Advances in Fluid Dynamics. Lecture notes in Mechanical Engineering. Springer, Singapore. https://doi.org/10.100/978-981-19-3379-0_9	24-25 September 2021	SVNIT, Surat
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Tab Professional Society Membership

1. Lifetime Membership of (ISTE) Indian Society of Technical Education.
2. Member of ISHRAE Indian Society of Heating Refrigeration and Air conditioning Engineers Bharuch Chapter.
3. Member of IIM Indian Institute of Metals Bharuch Chapter

Portfolios

1. Institute Media cell Convenor
2. Institute Newsletter Convenor
3. Institute Training & Placement cell team member
4. Institute Sports Committee member
5. Institute Gymkhana Committee member
6. Department convenor for student Chapters
7. Department member for Training & Placement cell
8. Department convenor for Newsletter