



Personal Profile

Name: Dr. Dinesh Balasaheb Uphade
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Education

Degree	Institute/University	Class and percentage	Year of passing
Ph. D. (Mechanical Engineering) Specialization: Thermal and Fluid Engineering	Indian Institute of Technology Bombay	First Class (Grade 8.34)	2018
M.E. (Mechanical – Heat Power Engineering)	Shivaji University, Kolhapur	First class (67.20%)	2009
B.E. (Mechanical Engineering)	University of Pune, Pune	First class (71.00%)	2003

Thesis/dissertation

Degree	Supervisors	Title
Ph.D.	Prof. M.V. Rane	Energy Efficient Jaggery Maker (Funded by TCTD, Tata Center for Technology Development)
M.E	Prof. S. R. Patil	Bagasse Drying for Energy Recovery using Hot Flue Gases (Sponsored by Shri. Chh. Shahu S.S. K. Ltd, Kagal, Kolhapur)

Professional experience details

Total experience as on 14th Aug 2024: 20.8 years

Organization/institute	Department	Post	From	To	Experience
MVPS's KBT College of Engineering, Nashik (NAAC Accredited 'A++' grade institute)	Mechanical Engineering	Associate Professor	10/11/2022	Currently working	1.8 years
MVPS's Rajarshi Shahu Maharaj Polytechnic, Nashik	Admin, Mechanical Engineering	Principal	03/09/2019	09/11/2022	3.1 years
KCT's LGNSCOE, Nashik (NAAC Accredited 'B+' grade institute)	Mechanical Engineering	Dean R&D and Associate Professor	01/06/2018	02/09/2019	1.5 years
KCT's LGNSCOE, Nashik (NAAC Accredited 'B+' grade institute)	Mechanical Engineering	Assistant Professor	08/01/2018	30/05/2018	0.5 years
Sandip Foundation's SIEM, Nashik (NAAC Accredited 'A' grade institute)	Mechanical Engineering	Assistant Professor	15/07/2022	06/01/2018	0.5 years
Indian Institute of Technology Bombay, Powai, Mumbai	Mechanical Engineering	Research scholar	29/12/2011	14/07/2017	6.3 years
K.K. Wagh Polytechnic, Panchavati, Nashik	Mechanical Engineering	Lecturer	22/07/2009	28/12/2011	1.5 year
Government Polytechnic, Kolhapur	Mechanical Engineering	Lecturer	10/11/2003	21/07/2009	6.0 year

Publications

Total publications: 21

Patent

Sr. No.	Name of inventor (s)	Title of inventor	Application No./Patent No.
1	Dr. M. V. Rane, Dr. D. B. Uphade	A SINGLE STAGE OR A MULTI-STAGE VAPOUR RECOMPRESSION SYSTEM FOR RECOVERING SOLVENT AND PROCESS THEREOF	Indian Patent: 201721008251 (Granted 29/11/2021)
2	Dr. D. B. Uphade	A SINGLE OR MULTISTAGE AIR COOLER, HEATER AND HUMIDIFIER WITH SIDE AIR OUTLET FROM TOP COVER	Indian Patent: (Filed 10/05/2024)
3.	Dr. D. B. Uphade	HYBRID EVAPORATIVE AIR CONDITIONER	Indian Patent: (Filed 17/07/2024)

Journal Papers & Conference Proceedings

- <https://scholar.google.com/citations?hl=en&user=5NGzQbYAAAAJ>

Book publication

Sr. No.	Name of Author	Title of Book	Publisher	ISBN
1	Dr. Dinesh B. Uphade	Power Engineering and Refrigeration & Air-conditioning	Tech-Neo Publications, Pune	978-93-5583-140-8 (Published in Jul 2022)

Reviewer

Sr #	Publisher	Journal / Conference
1.	Elsevier	Energy Conversion and Management-Journal
2.	Yildiz Technical University, Istanbul, Turkey	Journal of Thermal Engineering
3.	Pillai College of Engineering, New Panvel	Conference on Technologies for Future Cities 2019
4.	ISHRAE HQ, New Delhi	Student Research Project Grants, SPRG 2021, 2022, 2023
5.	College of Engineering, Pune	Second International Conference and Exposition in Mechanical Engg, ICAME 2022

Research projects (Ongoing/completed) and other funding received

Sr. No.	Title of Project/scheme	Period	Funding agency	Amount (in lakh Rs)	Role
1	Energy Efficient Jaggery Maker	07/06/2015 to 15/07/2017	TCTD, Tata Center for Technology Development	48	Research Scholar

Professional Memberships

- Associate Member (AM: 0997547-0) - Institution of Engineers, Kolkata (India).
- Life Member (LM 131818) – Indian Society for Technical Education, ISTE, New Delhi.
- Member (21777) – Indian Society for Heating Refrigerating and Air-conditioning Engineers (ISHRAE), New Delhi.

Conferences / Seminars / Workshops participated

Sr #	Workshops/Exhibitions /Seminars	Organized By	Duratio n	Place	Level
19.	Indian Knowledge System in Management	IIT Bombay	4-6 th Jul 2024	LA201, LHC, IIT Bombay, MUMBAI	NATIONAL
18.	Embracing Humanities and Social Sciences	MVP Samaj's KBTCoE Nashik	22-28 th Mar 2024	MVP Samaj's KBTCoE Nashik	NATIONAL
17.	Go Green Initiative by Indian Army	Indian Army	21 st Mar 2024	Artillery Centre, Nashik Rd, Nashik	NATIONAL
16.	NEP 2020: WS on Policy and Implementation	MVP Samaj, Nashik	11 th Feb 2023	IMRT, MVP Samaj, Nashik	INSITTUTE
15.	Regional Project Competition	Govt. Poly, Nashik	12 th Apr 2022	Govt. Poly, Nashik	REGIONAL
14.	Techfest 2016 (E)	IIT Bombay	16-18 th Dec 2016	IIT Bombay MUMBAI	NATIONAL
13.	Make in India 2016 (E)	DoIPP, MoCI, GoI; GoM; CII	13 to 18 th Feb 2016	Bandra-Kurla Complex MUMBAI	NATIONAL
12.	How to Get It Published (S)	Wiley Publishing House	14 th Dec 2016	IIT Bombay MUMBAI	NATIONAL
11.	Global Business Forum 2015 (E)	Alumni Association, IIT Bombay	16 to 18 th Oct 2015	Dr SPM Stadium, Goa University, GOA	NATIONAL
10.	National Seminar on Milk Processing	IDA	23 to 24 th Apr 2015	Bombay Exhibition Center, MUMBAI	NATIONAL
9.	Illuminate 2014 Eureka Business Plan (W)	E-cell, IIT Bombay	28 th Sep 2014	VMCC, IITB MUMBAI	NATIONAL
8.	ACREX 2013 Air-Conditioning & Refrigeration Exhibition (E)	ASHRAE	5 th to 9 th Mar 2013	Bombay Exhibition Center, MUMBAI	INTERNATIO NAL
7.	ACREX 2013 Safe design construction & maintenance of Ammonia Refrigeration Systems by <i>Prof Enric M Smith, ILAR(S)</i>	ASHRAE	9 th Mar 2013	Hyatt Regency, MUMBAI	INTERNATIO NAL
6.	DIPEX 2011 Diploma Project Exhibition (E)	ABVP-TSVPS	3 rd to 6 th Mar 2011	GP Aurangabad, AURAGABAD	NATIONAL
5.	Boiler Automation (S)	Government Polytechnic, Kolhapur	25 th Sep 2006	KOLHAPUR	STATE
4.	54 th Annual Convention (E)	DSTA, Pune	15 th Sep 2006	PUNE	STATE
3.	BIO-DIESEL Production (S)	Chh. Shahu College, Kolhapur	20 th Mar 2006	KOLHAPUR	STATE
2.	Grape Wine Production Workshop (W)	The News Paper, Gavakari.	04 th Mar 2006	NASHIK	STATE
1.	Industrial Exhibition <i>SIMIX-2009</i> : Analytical & Industrial Equipments (E)	Pune Industries Association, Pune	25 th Feb 2006	PUNE	STATE

Awards

- **Ph. D. Research Fellowship** (2012 – 2016), IIT Bombay

Declaration

I consider myself familiar with Mechanical Engineering aspects. I am also confident of my ability to work in a team. I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Nashik (Maharashtra State)

(Dr. Dinesh B. Uphade)