

Curriculum vitae

Mr. Onkar V. Potadar

Assistant Professor

(Department of Mechanical Engineering)

Fr. Conceicao Rodrigues College of Engg

Fr. Agnel Ashram, Bandstand, Bandra

(W), Mumbai - 400050

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Brief Summary: -

Highest Qualification-M. E in Mechanical Engineering

Total University Approved Teaching Experience: - 11 Years

Number of research publications in SCI journals / Scopus / UGC / AICTE approved list of journals = 1

Number of research publications: Journal - 1, Conference - 4, Book Chapter - 2

Number of IPRs Design Patents: - 1 Design Patents

STTPs/FDPs/Workshops Attended: - 14

Qualifications: -

Academics						
Level	Details	Grade/Div.	Institute University / Board	Year	Marks Secured (%)	Highlights
Post Graduation	M.E. (Mechanical with specialization in Manufacturing Systems Engineering)	First Class	LokmanyaTilak College of Engineering, KoparKhairane (Mumbai University)	2011-2014	69 %	--
Graduation	B.E.(Mechanical Engineering)	First Class	Visweswaraya Technological University, Belagavi	2005-2009	65%	--
12th Class	H.S.C.	First Class	K.S. Kotambiri College Hubli, Karnataka	2005	78 %	PCM: 89 %
10th Class	S.S.C	First Class	Junior Technical School, Hubli, Karnataka	2003	73 %	Score 97/100 Marks in mathematics Board exam

Work Experience: - Teaching- 11 Years

Teaching			
Organization	Designation	Period	Experience
Fr. Conceicao Rodrigues College of Engineering, Bandra	Assistant Professor (Adhoc)	June 2024- Till Date	1 Month
K. C College of Engineering and Management Thane	Assistant Professor (Adhoc)	July 2023 to May 2024	11 Months
SIES Graduate School of Technology, Navi Mumbai	Assistant Professor (Regular)	June 2012 to November 2021	9 years 5 Months
Lokmanya Tilak College of Engineering, Navi Mumbai	Assistant Professor (Adhoc)	August 2011 to May 2012	9 Months
Total Work Experience in Teaching			11 Years 2 Months

List of Publications: -

Journal Publications:

1. Onkar V. Potadar, Ganesh S Kadam, (2018), Preparation and Testing of Composites using Waste Groundnut Shells and Coir Fibres, Procedia Manufacturing, Elsevier, Volume 20, 2018, pp91-96. DOI: <https://doi.org/10.1016/j.promfg.2018.02.013>

International Conferences:

1. Ganesh S Kadam, Onkar Potadar, (2017), Green Composites using Waste Metal Scrap and Bio-fibres, 10th International Conference on Precision, Meso, Micro and Nano Engineering (COPEN10) December 07-09, 2017, IIT Madras, Chennai.
2. Onkar V Potadar, Ganesh S Kadam, (2017), Preparation and Testing of Composites using Waste Groundnut Shells and Coir Fibres, 2nd International Conference on Materials Manufacturing and Design Engineering, (iCMMD-2017), 11-12 December 2017, MIT Aurangabad.
3. Onkar V. Potadar, Ganesh S Kadam, (2018), Development of Facility Layout for Medium -Scale Industry Using Systematic Layout Planning, International Conference on Intelligent Manufacturing and Automation 2020 Organized by D J Sanghvi Springer (Scopus Indexed)
4. Onkar V. Potadar, Bushan T Patil, (2016), Development of Gear Measuring Model for Geometrical Measurement of Spur Gears”, First International conference on Materials, Manufacturing and Design (iCMMD 2016), pp473-477

Text Boks:

1. Badal Kudachi, Onkar Potadar, “Engineering Thermodynamics” (2021)- Nirali Publications
2. Siddique Ahmed, Onkar Potadar, “Fluid Mechanics”, Nandu Publications

Participation in faculty development / training activities: -

1. Completed 5-day FDP on “Data Analytics using Power BI and Tableau” from ExcelR EduTech.
2. Completed 5-day FDP on “Data Science” from CADD Centre.
3. Participated in 10 hour National Faculty Development Program on Deep Learning and Artificial Intelligence, organized by Andhra Pradesh State Skill Development Corporation In collaboration with ExcelR EduTech Pvt. Ltd.
4. Participated in 1-day Faculty Development Program on “Experiential Learning, Automation, Machine Learning and Business Ethics” organized by Tata Consultancy Services, Thane
5. Coordinated a Two-Week Workshop on “Fluid Mechanics”, conducted by IIT Kharagpur, under MHRD, NMEICT Mission at SIES GST Nerul.
6. Participated in "One-week AICTE sponsored QIP course on Renewable Energy Sources at VJTI, Mumbai."
7. Participated in One- Week Coordinator’s Workshop on “Fluid Mechanics” at IIT Kharagpur.
8. Participated in Two Week Workshop on “Basic Thermodynamics”, conducted by IIT Bombay, under MHRD, NMEICT Mission at SIES GST Nerul.
9. Participated in Two Week Workshop on “Engineering Mechanics”, conducted by IIT Bombay, under MHRD, NMEICT Mission at SIES GST Nerul.
10. Participated in Two day workshop on “Intellectual Property rights” at Fr. Agnel College of Engineering Bandra West, Mumbai
11. Complete Linked Learning course on “Introduction to Artificial Intelligence”
12. Participated in AICTE-ISTE approved Faculty Development Program on “ Application of Computer Aided Tools in Mechanical Technology” Organized by SIES Graduate School of Technology, Nerul.
13. Participated in 48th ISTE National Annual Faculty Convention organized by, Visweswarayya Technological University, Belagavi, Karnataka
14. Participated in 1-Day workshop on “Rapid Prototyping and Its Applications” organized by National Institute of Industrial Engineering, Mumbai

Membership in Professional Bodies: -

- Life member of Indian Institute of Industrial Engineering,
- Lifetime Membership of ISTE – LM- 120416

Subjects Taught at UG Level: -

- Engineering Mechanics
- Dynamics of Machinery
- Fluid Mechanics
- Thermodynamics
- Industrial Engineering and Management