

Curriculum Vitae

Name: Mr Nitin Mahadeo Sakhare

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Date of Birth: 06th October 1990

Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
M.E	Heat Power	MIT, Aurangabad	Dr. B.A.M.U. Aurangabad	2016	7.8	Distinction
B.E.	Mechanical Engineering	M.B.E.S college of Engineering, Ambajogai	Dr. B.A.M.U. Aurangabad	2012	69.26	Distinction

M.E. Project: Effect of EGR on a Stationary VCR DI Engine using Diesel and Cottonseed biodiesel blends (B20) fuel

Key Research Areas:

- Internal Combustion Engines

Experience

Sr. No.	Organization	Post	From	To	No. of Years
1.	Maharashtra Institute of Technology, Aurangabad	Assistant Professor	15 July 2016 to	Till date	5
2.	Maharashtra Institute of Technology, Aurangabad	Lecturer	3 rd December 2012 to	18 th July 2013	7 M

List of Courses Taught/Teaching at UG level

Taught/ Teaching the following course at UG level at Maharashtra Institute of Technology, Aurangabad

- Internal Combustion Engines
- Heat Transfer
- Applied Thermodynamics
- Metrology and Quality Control
- Theory of Machines II
- Basics of Mechanical Engineering

Additional Assignments/Duties

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

- Worked as a Joint Chief Superintendent for Dr.B.A.M.U. Engineering Examination Nov/Dec 2019.

Maharashtra Institute of Technology, Aurangabad

- Worked as Class Test Coordinator
- Worked for Criterion 2.1 of NBA

Research Projects/Projects Guided

M.E. Project: Effect of EGR on a Stationary VCR DI Engine using Diesel and Cottonseed biodiesel blends (B20) fuel

Computer/Software Proficiency

- Auto CAD
- MS office (MS Excel, MS Word)

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference Attended

- Attended two days online workshop on “Energy Efficient Buildings”, on 17th and 18th July 2020, Organized by MIT Aurangabad and ISHRAE students sub chapter Aurangabad.

- Attended Five days Technical Symposium on “ Advances in Materials and Manufacturing Engineering” organized by Department of Mechanical Engineering and Basic Sciences and Humanities, G.S. Mandal’s Maharashtra Institute of Technology, Aurangabad during 30th June to 4th July 2020.
- Attended one week online Faculty Development Program on “OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE” from 11-15 May 2020 under Margdarshan Scheme of AICTE, New Delhi.
- Attended National Online Faculty Development Program on “Artificial Intelligence” organized by Department of Information Technology, Universal College of Engineering under IQAC in collaboration with Brain O Vision Solutions India Pvt. Ltd. & National Youth Council of India held during 22.05.2020 to 26.05.2020.
- Attended one day “Energy Conclave 2020” on 15th February 2020, organized by Government College of Engineering, Aurangabad.
- Attended one day training program on “GD & T and 3 D CMM” on 30th July 2019 by Accurate Engineering Company Pvt. Ltd. at Aurangabad
- Attended one week refresher course on “USE of ICT for Effective Teaching Learning” from 8th January to 12th January 2019, organized by Department of Basic Science and Humanities, Dept. of Computer Science and Dept. of Mechanical Engineering.
- Attended one week STTP on “USE of ICT for Effective Teaching Learning Process” from 27th June to 1st July 2017, Organized by Basic Science and Humanities Department & Mechanical Engineering Department.
- Attended two days Conference on “Global Colloquium on Recent Advancements and Effectual Researches in Engineering, Science and Technology (RAEREST 16) organized by St.Joseph’s College of Engineering and Technology, Palai, during 22nd and 23rd April, 2016.

Projects, Research Grants and Consultancy

- Received industry Project Under GIZ- MASSIA on “Enhance capacity of Machine (OEE)”

List of Research Publications

Papers in National/ International Journal

- Nitin M Sakhare , A J Keche, “A review on Performance and Emission Characteristics of Biodiesels as alternative fuel: The Future trend”, ICRTME 2021, Under review
- Nitin M.Sakhare, Pankaj S.Shelke, Subhash Lahane, A.T.Autee, “ Effect of EGR on a Stationary VCR Diesel Engine using Cottonseed Biodiesel (B20) Fuel”, Carbon – Sci. Tech. 8/3 (2016) PP 60-67, ISSN 0974 – 0546, Applied Science Innovations Pvt. Ltd., India.
- Pankaj S.Shelke, Nitin M.Sakhare, Subhash Lahane, Kushal S. Wasankar, “ Analysis of a combustion, emission and performance characteristics of CNG-B20 fuelled diesel engine under dual fuel mode,” Carbon – Sci. Tech. 8/3, 2016, PP 52-59, Applied Science Innovations Pvt. Ltd., India.
- Nitin M.Sakhare, Pankaj S.Shelke, Subhash Lahane, “Experimental Investigation of Effect of Exhaust Gas Recirculation and Cottonseed B20 Biodiesel Fuel on Diesel Engine”, Elsevier, Procedia Technology, 25 , 2016, PP 869 – 876, ISSN 2212-0173.
- Pankaj S.Shelke, Nitin M.Sakhare, Subhash Lahane, “Investigation of Combustion Characteristics of a Cottonseed Biodiesel Fuelled Diesel Engine”, Elsevier Procedia Technology, Volume 25, 2016, Pages 1049-1055, ISSN 2212-0173.

Papers in National /International Conference Proceedings

- Pankaj S. Shelke, Nitin M. Sakhare, Subhash Lahane, N. G. Patil, “Experimental Evaluation of Cottonseed Biodiesel as an Alternative Fuel for Diesel Engine”, International Conference on Recent Advances in Bioenergy Research. Springer Proceedings in Energy. Springer, Singapore, ISBN 978-981-10-6106-6,

Date: 22/07/2021

Place: Aurangabad