

Mr. Vikas S.Daund

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R/H, Sneh Nagar, Mhasrul , Nashik
422004

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Professional Objective:

To secure a challenging position in a reputable organization to expand my learning, knowledge, and skills.

Academic Details :

- Pursuing Doctorate in Mechanical Engineering, from Department of Technology, SPPU.
- Master of Mechanical Engineering from Matoshri College of Engineering and Research Center, Nashik.
- Master of Business Administration (MBA) from Vishwakarma Institute of Management, Pune.
- Bachelor of Mechanical Engineering from Sir Visvesvaraya Institute Of Technology, Nashik.

Employment Details:

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| Teaching Experience: | 12.5 Years |
| Current Designation | Asst. Prof. (Department of Mechanical Engineering) |
| Name of Employer: | Matoshri College of Engineering and Research Center, Nashik |
| Date of Joining: (current institute) | 9 th July 2012 |
| Earlier Employment Record | 6 months of teaching experience as a Lecturer at Matoshri College of Management and Research Centre, Nashik |
| P.G. Teacher | <ul style="list-style-type: none">• Mechanical engineering PG Teacher Recognition obtained from Savitribai Phule Pune University, approved PG recognition no CCO/APP.COMP/1616 /23-9-2016• Working as a P.G Coordinator for the Masters in Mechanical Engineering course at Matoshri College of engineering research center Nashik affiliated with Savitribai Phule Pune University. |
| Research Interest | <ul style="list-style-type: none">• Fluid Mechanics , Heat Transfer |
| Awards: | <ul style="list-style-type: none">• Recipient of appreciation certificate for 100% result in Operation Research 2016• Recipient of Best young and dynamic teacher award form HOD on teacher's day in 2013. |
| Honors | <ul style="list-style-type: none">• Subject member for paper setting M.E. (Mechanical) 2017 Course Paper-Advanced Fluid Mechanics (502103) ,(Theory) .• Subject member for paper setting M.E. (Mechanical) 2017 Course Paper-Advanced Fluid Mechanics (502103) ,(Theory)• Subject Paper Setter & Examiner for the examination M.E. (Mechanical) 2017 Course Paper Advanced Heat Transfer (502107) ,(Theory)• Subject Paper Setter & Examiner for the examination M.E. (Mechanical) 2017 Course Paper Energy Conversion and Environment 502508) ,(Theory)• Subject Paper Setter & Examiner for the examination Exam - BE 2015 (Endsem) Paper-Solar & Wind Energy) 402050B) ,(Theory)• Subject Paper Setter & Examiner for the examination M.E. (Mechanical) 2017 Course Paper Design of Heat Transfer Equipment's (602114),(Theory) |
| Bodies at Affiliated University Savitribai Phule Pune University | |
| Association with Professional | <ul style="list-style-type: none">• Member of The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE Membership No. 40381 |

Societies (07)

- Associate member of the Institution of Engineers AM1717041

MOOC/ AICTE FDPs/ Certificate Courses

NPTEL

- Completed NPTEL online certification for the subject, “Body Language : Key to professional success”
- Completed NPTEL online certification for the subject, “IC Engines And Gas Turbine”
- Completed NPTEL online certification for the subject, “Introduction to Research”
- Completed NPTEL online certification for the subject, “Convective Heat Transfer”
- Completed NPTEL online certification for the subject, “Laws of Thermodynamics”
- Completed NPTEL online certification for the subject, “Introduction to Fluid Mechanics”
- Completed NPTEL online certification for the subject, “Fluid Machines”
- Completed NPTEL online certification for the subject, “NATE”

Coursera

- Completed Coursera online certification for the subject “Supply Chain Principles”
- Completed Coursera online certification for the subject “Preparing to Manage Human Resources”
- Completed Coursera online certification for the subject “Fundamentals of Management”
- Completed Coursera online certification for the subject “Introduction to Thermodynamics: Transferring Energy from Here to There”

Research Publications: 09

Publications:

- 1) Investigation on heat transfer enhancement of flowing water inside a circular tube having twisted tape inserts using cfd, International Journal of Advance Research in Science and Engineering (IJARSE), ISSN: 2319-8354, Volume 7, Issue 3, Mar.2018
- 2) A Review on Heat Transfer Enhancement by Using Helical Coil Heat Exchanger, International Journal of Scientific Research in Science and Technology, IJSRST, Volume 3, Issue 7, 2017
- 3) A review on micro channel heat exchanger engine cooling, International Journal Of Research Publications In Engineering And Technology [IJRPET], ISSN: 2454-7875, VOLUME 3, ISSUE 3, Mar.-2017
- 4) Experimentation using delta winglet type vortex generator attached on tube surface of tube in tube heat exchanger for heat transfer augmentation, International Journal of Current Engineering and Technology, E-ISSN 2277 – 4106, P-ISSN 2347 – 5161, Special Issue-5 (June 2016)
- 5) A Review on Film Cooling; Methods, Procedures, Analysis, International Journal of Engineering Technology and Computer Research (IJETCR), Volume 4; Issue 2; March-April-2016; Page No. 29-36.
- 6) Effect of Low Aspect Ratio on Convective Heat Transfer from Rectangular Fin Array in Natural Convection , International Journal Of Engineering Sciences & Research Technology (IJESRT), [Daund,3(8): August, 2014] ISSN: 2277-9655
- 7) Review of natural convective heat transfer from rectangular vertical Plate fins , International Journal of Advanced Technology in Engineering and Science (IJATES), Volume No.02, Issue No. 07, July 2014
- 8) Review of effect of various parameters on mixed convective heat transfer, Indian Journal of Research Studies (IJORS) in Pure & Applied Sciences IISSN; 2321-1695, Volume 1, Issue1, January-February 2013
- 9) Parametric analysis of plate-fin heat sink over heat transfer , International Journal of Research in Advent Technology (IJRAT), ISSN 2321-9637 (online), Volume 1, Issue4, 2013

Conferences/Workshop/Seminars/ STTP attended: 04

Conferences/Workshop/Seminars/ FDP/STTP Attended

1. Attended in Two days State level workshop on Design, Installation and Testing of Solar Rooftop System sponsored by BCUD, SPPU, held on 26th and 27th February 2018
2. Attended two week ISTE workshop on Fluid Mechanics conducted by Indian Institute of Technology, Kharagpur from 20th to 30th May 2014.
3. Attended Two week ISTE workshop on Engineering Thermodynamic conducted by Indian Institute of Technology, Bombay from 11th to 21st December 2012.
4. Attended 2 day Workshop on “Latex” at MCERC, Nashik, in December 2012.

Weblinks:

Website

<https://engg.matoshri.edu.in/academics/mechanical>

LinkedIn

<https://www.linkedin.com/in/vikas-daund-77249819/>