Curriculum Vitae

Dr. Kadam Anil Ramkishanrao

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CAREER OBJECTIVE

Well Qualified professional with **Ph.D.** and **Masters** in **Mechanical (Thermal) Engineering** from **NIT Surathkal (Karnataka)** want to work with an organization, which can provide me constant learning, leading to intellectual growth, enhance my creative skills and to achieve top cadre by setting benchmarks both at organizational and personal front and making positive contributions towards the organization.

EDUCATIONAL QUALIFICATION

Examination	**Board/Institute**	**Year**	**Percentage/ CGPA**
Ph. D (Mechanical Engg.)	NITK, Surathkal	2019	9.33
M.Tech (Thermal Engg.)	NITK, Surathkal	2007-09	8.28
B.E. (Mechanical Engg)	JNEC , Aurangabad	2002-06	73.37%
H. S. C. (General group)	Rajarshi Shahu Mahavidyalaya, Latur (Maharashtra board)	2001-02	77.33%
S. S. C.	Shri Keshavraj Vidyalaya, Latur (Maharashtra board)	1999-00	85.73%

ACHIEVEMENTS

1. **93.24** Percentile in Mechanical Engineering **GATE -2007**
2. National Scholarship Holder for 10^{th} and 12^{th} standard
3. Maharashtra govt. scholarship for 4^{th} standard

ACADEMIC PROJECTS

1. Ph.D project is in the field of **heat transfer**. Main objective was to find out heat transfer distribution of impinging methane-air premixed flame jets on a flat plate.
2. M.Tech project in the field of **HVAC**. Main objective of project was to improve the COP of R-744(CO_2) Transcritical vapour compression cycle by extracting the work from expansion device.
3. B.Tech project was about **SPM**. Main objective of project was to reduce the manual time, work and error in liquid filling operation.

EXPERIENCE : TEACHING = 5+ YEARS RESEARCH = 4+ YEARS (PH.D.)

Sr. no	Name of the college/Institute	Designation	From	To	University Approval no. & date
1.	Parvatibai Genba Moze College of Engg., Wagholi, Pune	Lecturer	10th August, 2009	25th July, 2010	CCO/188 04/10/2010
2.	Sinhgad College of Engineering, Vadgaon (BK), Pune	Assistant Professor	26th July, 2010	9th October, 2012	CCO/App. Camp/82 20/12/2011
3.	Flora Institute of Technology, Khopi, Pune	Assistant Professor	10th October, 2012	31st December, 2014 (onwards on Study leave)	CCO/2121 12/07/2013
4.	Flora Institute of Technology, Khopi, Pune	Assistant Professor	25th February 2019 (Re-joined Institute)	till date	CCO/2121 12/07/2013

PUBLICATIONS

International journals

1. **Anil R. Kadam**, Abdul Raouf Tajik, Vijaykumar Hindasageri (2016), "Heat transfer distribution of impinging flame and air jets – A comparative study", *Applied Thermal Engineering* 92, 42–49.(Elsevier-Online)
2. **Anil R. Kadam**, Siddini V. Prabhu, Vijaykumar Hindasageri (2018), "Simultaneous estimation of heat transfer coefficient and reference temperature from impinging flame jets", *International Journal of Thermal Sciences* 131, 48–57. (Elsevier-online)
3. **Anil R. Kadam,** Vijaykumar Hindasageri, Kumar G N, "Heat transfer distribution of premixed methane-air flame jet impinging on ribbed surfaces", *Applied Thermal Engineering (Review Submitted)*
4. **Anil R. Kadam,** Vijaykumar Hindasageri, Kumar G N (2018), "Transient heat transfer characterization of impinging hot/cold jets by analytical IHCP", *IOP Conference Series: Materials Science and Engineering* 376, 012027. (IOP-Online)
5. Ritesh Kumar Parida, **Anil R. Kadam**, Chetan Kumar, Vasudeva. M, Kumar G. N. & Vijaykumar H, "Experimental study on effect of pressure on volumetric gas flow rate through a variable area flow meter (Rotameter)" *International Journal of Mechanical and Production Engineering Research and Development,* Vol. 8, Special Issue 7, Oct 2018, 1299-1308. (Trans-stellar-online)

Book Chapters

1. **Anil R. Kadam**, Kumar G N, Vijaykumar Hindasageri, "Estimation of Heat Transfer Coefficient and Reference Temperature in Jet Impingement Using Solution to Inverse Heat Conduction Problem", D. Srinivasacharya and K. S. Reddy (eds.), Numerical Heat Transfer and Fluid Flow, *Lecture Notes in Mechanical Engineering*, https://doi.org/10.1007/978-981-13-1903-7_5
2. Ritesh Kumar Parida, **Anil R. Kadam**, Vijaykumar Hindasageri and M. Vasudeva, "Application of Green's Function to Establish a Technique in Predicting Jet Impingement Convective Heat Transfer Rate from Transient Temperature Measurements", D. Srinivasacharya and K. S. Reddy (eds.), Numerical Heat Transfer and Fluid Flow, *Lecture Notes in Mechanical Engineering*, https://doi.org/10.1007/978-981-13-1903-7_44

International Conferences

1. Estimation of heat transfer coefficient and reference temperature in jet impingement using solution to inverse heat conduction problem, **Anil R Kadam**, Vijaykumar Hindasageri, G N Kumar, International Conference Numerical Heat Transfer and Fluid Flow (NHTFF'18), NIT Warangal, India – Jan 19-21, 2018.
2. Application of Green's Function to Establish a Technique in Predicting Jet Impingement Convective Heat Transfer Rate from Transient Temperature Measurements, Ritesh Kumar Parida, **Anil R Kadam**, Vijaykumar Hindasageri and Vasudeva M, International Conference Numerical Heat Transfer and Fluid Flow (NHTFF'18), NIT Warangal, India – Jan 19-21, 2018.
3. Transient heat transfer characterization of impinging hot/cold jets by analytical IHCP, **Anil R Kadam**, Vijaykumar Hindasageri, G N Kumar, International Conference on Advances in Manufacturing, Materials & Energy Engineering (ICon MMEE 2018), MITE, Moodbidri, Mangalore, India – March 2-3, 2018.
4. Experimental study on effect of pressure on volumetric gas flow rate through a variable area flow meter (Rotameter), Ritesh Kumar Parida, **Anil R Kadam**, Chetan Kumar, Vasudeva M, Kumar G N, Vijaykumar H, International Conference on Mechanical and Industrial System Engineering (ICMISE'2018), Graphic Era University, Dehradun, India, June 1-2, 2018.
5. Performance assessment of air conditioner using HFC-161, Sukumar Devotta, Atul Padalkar, Kundlik Mali, **Anil Kadam**, Proceedings of the 24th IIR International Congress of Refrigeration: Yokohama, Japan, August 16-22, 2015. (Paper no. 400)

WORKSHOPS ATTENDED

1. GIAN (Global Initiative of Academic Network) course on "Transfer function based on Green's function method (TFBGF) to solve inverse heat conduction problem (IHCP): Manufacturing Process Application" during November 7-11, 2016 at NITK, Surathkal.
2. GIAN (Global Initiative of Academic Network) course on "Inverse heat transfer" during November 7-11, 2016 at NITK, Surathkal.
3. National Workshop on "Biofluid Dynamics and Bioheat Transfer" during February 20-21, 2017 at NITK, Surathkal.
4. One day workshop on "Hot wire Anemometry: Fundamentals with Demonstration" on 22nd March, 2017 at NITK, Surathkal
5. Five day workshop on "Inverse problems and Applications" during July 9-13, 2018 at NITK, Surathkal.

SUBJECTS TAUGHT

1. Engineering Graphics –I
2. Basic Mechanical Engineering
3. Applied Thermodynamics
4. Refrigeration and Air conditioning
5. Fluid Mechanics
6. Heat transfer
7. Theory of Machines

EXTRA-CURRICULAR ACTIVITIES

1. Member of College Cricket Team
2. Arranged Blood Donation Camp
3. Attained workshop on "Virtual instrumentation and data acquisition".
4. Volunteer in two week STTP on "Impact of energy generation and conservation on environment".
5. Volunteer in the 42nd National conference on Fluid mechanics and Fluid power (FMFP) held during December 14-16, 2015 at NITK Surathkal

PERSONAL PROFILE

Name	:	Anil Ramkishanrao Kadam
Father's Name	:	Ramkishanrao Munjaji Kadam
Nationality	:	Indian
Permanent Address	:	Sr. No-29/1/3/1, flat No. 705, B-4 wing, Anita Residency, Katraj-46.
Date of Birth	:	14th August, 1984
Languages Known	:	Marathi, English, Hindi
Passport	:	yes

Declaration:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Pune Signature

Date: 08-08-2019 **(Kadam Anil R.)**