

## RESUME

**Mr. Ravi P. Kakde**

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### **Career Objective:**

Attain a challenging position in a leading organization, which could provide a stimulating work environment and afford me opportunity to continuously learn and develop new perspective.

### **Area of Interest**

Heat Transfer  
Computational Fluid Dynamics  
HVAC & Refrigeration  
I. C. Engines & Gas Turbines  
Energy Audit & Management  
Aerodynamics

### **EDUCATIONAL QUALIFICATION:**

Sr. No.	Qualification	Institute	University	Year of Passing	Percentage
1	MTech (Thermal & Science)	IIT Kharagpur	IIT Kharagpur	2009	7.55
2	BE (Mechanical Engineering)	GOVT. College Of Engineering Aurangabad.	Dr. BAM University	2005	73.55
3	DME	GOVT. Polytechnic Aurangabad	GOVT. Polytechnic Aurangabad	2002	84.2

### **WORKING EXPERIENCE (Starting with current to old)**

Sr. No.	Experience Type	Institute / Company Name	Graduate/ Post Graduate Level	Designation	From	To
1	Teaching	Government College of Engineering and Research, Avasari (Kd) Pune	UG	Assistant Professor	30/09/2016	Till Date
2	Teaching	AISSMS College of Engineering Pune	UG	Assistant Professor	13/01/2010	29/09/2016
3	Industry	Bennet & Coleman Companies Ltd. Mumbai	--	Management Trainee	01/09/2005	01/08/2006

### WORKSHOP/ SEMINARS/ TRAINING:

Sr. No.	Workshop title	Name of College	Duration and Dates
1	"Electric Mobility as a Future"	Dr. D. Y. Patil I E M & R Akurdi, Pune	One Week (25th- 29th Oct 2021)
2	Applications of Finite Element Analysis (FEA) and Computational Dynamics (CFD) Using ANSYS”	GCOE, Karad.	One Week (June 13- 17, 2020)
3	Research and Publication Ethics	Prof. Ram Meghe Institute of Technology and Research, Amravati	One Week (June 29 – July 3, 2020)
4	Accreditation To Engineering & Professional Ethics	Government College Of Engineering Nagpur	One Week (08- 12 July 2020)
5	Recent Trends in Heat Exchangers (RHTX 2020)	Walchand College of Engineering, Sangli.	One Week (13-18 July, 2020)
6	Technological Advancement in Environment friendly Material and Processing	Katihar Engineering College, Bihar	One Week (20-25 July, 2020)
7	Advances in Additive Manufacturing	Yashwantrao Chavan College of Engineering Nagpur	One week 24th to 29th of August, 2020)
8	IC Engine & Gas Turbine	NPTEL-AICTE	Jan - April 2020 (12 week) Equivalent to 1.5 Week FDP
9	" Soft Skill for Teachers" organised by UGC HRDC Pune	UGC HRDC Pune	08.12.2019 To 17.12.2019 (2-week FDP)
10	E Yantra TBT for faculty (Online)	IIT Bombay	29 June 2017 to 16Oct 2017(online mode)
11	“Eyantra Orientation and Training”	IIT Bombay	2 days (8th and 9th May 2017)
12	Train the Trainer Workshop on “Water Management”	Stuttgart University & Fraunhofer Institute, Germany	22 Days (18th/04/2015-10th/05/2015)
13	Thermodynamics for Mechanical Engineers	IIT Bombay	2 Weeks (14th/06/2011-24/06/2011)
14	Syllabus Discussion and setting for Advance Refrigeration & Air Conditioning for BE Mechanical Course	JSPM COE Hadapsar, Pune	1 Day (2011)
15	Syllabus Discussion and setting for Computational Fluid Dynamics for BE Mechanical Course	PCCOE Pune	1Day (2012)
16	Zero Defect-Quality Improvement in Industries	AISSMS College of Engineering, Pune	2 Days (03-04 March 2016)

## RESEARCH PAPERS:-

TITLE OF RESEARCH PAPER	AUTHORS	VOLUME / ISSUE/ MONTH	JOURNAL NAME
Stress Measurement at Knee for Different Limb Alignment by Experimental and FEA	Kiran B. Bansode, Arvind J. Bhosale, <b>Ravi P. Kakde</b> , Vijay Y. Dhepe, Sanjay D. Patil	Volume-8 Issue-5, January 2020	International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, DOI:10.35940/ijrte.E6355.018520
Cylinder Bore Deformation Finite Element Analysis Methodology for Inline Engines and Parametric Optimization	Arvind J. Bhosale, Kiran B. Bansode, <b>Ravi P. Kakde</b> , Vijay Y. Dhepe, Sanjay D. Patil	Volume-8 Issue-5, January 2020	International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, DOI:10.35940/ijrte.C4755.018520
Impact Energy Absorption Capability of Polygonal Cross-Section Thin-Walled Beams under Lateral Impact	Sanjay Patil, Arvind J. Bhosale, Vijaypatil Dhepe, Dheeraj Lengare, <b>Ravi Kakde</b>	Volume- 4 Issue-4 (2021)	International Journal of Innovative Research and Scientific Studies, ISSN: 2617-6548 DOI: 10.53894/ijirss.v4i4.96

## Achievement

GATE-2007 Qualified (**AIR-209**)

Award of **MHRD scholarship** from July 2007 to May 2009 for PG Programme at IIT Kharagpur

Research Project on **Electronic Processor Cooling** Using Miniature heat sinks at IIT Kharagpur,

Participated and won "**ROBOTICS**" competition like TECHFEST(IITB), TECHNICHE(IITG), GEOBOTICS(IITKGP)

Worked in the organizing committee for the National and State level technical events in graduation.

Successfully worked as a Student Auditor in the hostel of strength of 1400 student in IIT KGP.

## Co-Curricular Activities

- Worked as a Training and Placement Departmental Coordinator since from 2011 to 2016 at AISSMS COE Pune
- Lab in charge for Thermal Engineering related lab.
- Conducting Expert Lecture for '**Refrigeration and Air conditioning systems, CFD, Heat Transfer in various engineering Institutes.**
- Conducting Expert Lecture for '**Opportunities after graduation and competitive exams guidance**' in various Institutes

