



Personal Profile

Name: Dr. Amol Bhikaji Kakade
Date of Birth: 23rd August 1974
Sex: Male
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Marital Status: Married
Nationality: Indian
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Education

Degree	Institute/University	Class and percentage	Year of passing
Ph.D. (Mechanical Engineering)	SardarVallabhbbhai Patel National Institute of Technology, Surat	NA	2017
M.E. (Design Engineering)	PRES College of Engineering PravaraDistAhmednagar, Pune University.	First Class	2007 (60%)
B. E (Mechanical Engineering)	V Y W S College of Engineering Badnera, Dist.- Amravati, Amravati University	First Class	1996 (60.3%)

Thesis/dissertation

Degree	Supervisors	Title
Ph.D.	Dr. D. V. Bhatt Dr. J. V. Menghani	Investigations of Tribological Parameters on Design and Development of Three Roller Motorized System Similar to Sugar Mill Under Various Operating Variables- A Case Study
M.E	Dr. G. J. Vikhe	Fatigue Analysis of Sugar Mill Roller Shaft

Professional experience details

Total experience as on 7th March 2022: 21.9years

Organization/institute	Department	Post	From	To	Experience
MVPS's KBT College of Engineering, Nashik (NAAC Accredited 'A' grade institute)	Mechanical Engineering	Professor & Dean Alumni	01/07/2017	Currently working	4.9 years
MVPS's KBT College of Engineering, Nashik (NAAC Accredited 'A' grade institute)	Mechanical Engineering	Assoc. Professor	01/09/2011	30/06/2017	7 Years
MVPS's KBT College of Engineering, Nashik (NAAC Accredited 'A' grade institute)	Mechanical Engineering	Asst. Professor	01/08/2008	31/08/2011	3 Years
MVPS's KBT College of Engineering, Nashik (NAAC Accredited 'A' grade institute)	Mechanical Engineering	Lecture	01/11/2000	31/07/2008	7 Years

Publications

Total publications: 10

Journal Papers& Conference Proceedings

- 1 Kakade, A.B., Ingole, S.P., Bhatt, D.V., Menghani, J.V., “Tribological Behavior of Sugar Mill Roller Shaft in Laboratory Simulated Conditions”, WEAR, Vol. 302, (2013) 1568- 1572.
- 2 Ingole, S.P., ArachanaCharanpahari, Kakade, A.B., S.S. Umre, Bhatt, D.V., Menghani, J.V.,(2013) “Tribological Behavior of nano TiO₂ as an additives in base oil”, WEAR Vol. 301 (2013) 776-785
- 3 Kakade, A.B., Ingole, S.P., Bhatt, D.V., Menghani, J.V., “Tribochemistry of Sugar Mill Roller Shaft Materials”, Material Today Proceedings, Vol. 4, (2017) 434-441
- 4 Kakade A B. Tribological behavior of Clutch Plate Material in Laboratory Simulated Conditions, International Journal of Engineering and Technology(IJERT), Vol 9 Issue 6 2020
- 5 Kakade A B. Design and Development of Automatic Bending Machine, International Journal of Engineering and Technology(IJERT) Vol 9 Issue 6 2020
- 6 Kakade A B. Design and Development of Job Rotary Welding Special Purpose Machine, Journal for Sybold Report Volume 15 - Issue 7 - 2020
- 7 Kakade A B. Tribological behavior of Clutch Plate Material in Laboratory Simulated Conditions, Conference on Recent Trends in Mechanical Engineering, 25th & 26th Nov. 2020
- 8 Kakade A B. Tribological Behavior of Composite Material of Brake Pad in Laboratory Simulated Conditions, Conference on Recent Trends in Mechanical Engineering, 25th & 26th Nov. 2020
- 9 Kakade A B. Seismic analysis of pressure vessel, Conference on Recent Trends in Mechanical Engineering, ,25th & 26th Nov. 2020
- 10 Kakade A B. Experimental Investigation of Current Transformer Oil Tank, Conference on Recent Trends in Mechanical Engineering, ,25th & 26th Nov. 2020

NPTEL /Coursera Courses completed

- Accreditation and Outcome Based Learning
- NBA Accreditation and Teaching-Learning in Engineering (NATE)
- Speak English Professionally : In person, online and on phone
- Improve Business Performance with Google Forms

Subject taught

Sr. No.	Institute	Subjects
1	MVPS's KBT College of Engineering, Nashik	Theory of Machines-II, Theory of Machines-I, Engineering Graphics, Basic Mechanical Engineering, Machine Drawing and Computer Graphics,

Administrative work and technical activities

Sr. No.	Institute	Activities
1	MVPS's KBT College of Engineering, Nashik(NAAC Accredited 'A' grade institute)	<ul style="list-style-type: none">• Dean Alumni• NBA Member Institute level• Coordinator NBA Mechanical Engineering Department• Coordinator 2f and 12B UGC proposal• Convener: Two days state level level workshop (3rd&4th Oct. 2013) on 'Triboogical Aspects in Design' funded by BCUD, SPPU

Professional Membership

- Life Member (LM-41941) Institution of Engineers, India

Conferences / Seminars / Workshops participated

- 19th International Conference on Wear of Materials, Portland, Oregon, USA, April 14-18, 2013.
- 1st National Conference on Thermal, Fluid & Manufacturing Science, 20-21 January 2012, jointly organized by C.K.Pithawala college of engineering & Institution of Engineers (India) SGLC Surat.
- 1st National Conference on Thermal, Fluid & Manufacturing Science, 20-21 January 2012, Surat.

- 55th Annual Convention Deccan Sugar Technologists Association Pune
- Three days national seminar on “Mechanical Vibration-Analysis & diagnosis” at Pravara rural engineering College Loni during 22nd -24th March 2007.
- One week training program on “Finite Element Analysis Using ABAQUS” at Sinhgad College of Engineering, Pune during 13th – 17th Nov.2006.
- One day workshop on “Introduction to Mechatronics” held in department of Mechanical Engineering of N.D.M.V.P.S.KBT, College of Engineering, Nashik on 2nd Sept.2006.
- One day Seminar on “Electronics Waste Management “(e-waste) on 13th March 2006 organized by Electronics & Telecommunication Engineering Dept.
- One day Seminar on “Quality Education” on 29th March 2004 at Sir Vishveshvaraya Memorial College of Engineering Sinnar Nashik.
- One day workshop on revised syllabus (2003) of Design Engineering at SE, TE & BE Mechanical Engineering on 31st Jan.2004 at Pravara Rural Engineering College Loni.
- One day workshop on revised syllabus (2003) of Thermal Engineering at SE, TE & BE Mechanical Engineering on 10th Jan.2004 at Amrutvahini College of Engineering, Sangamner
- One day workshop on Implementation of BE Production Engineering Syllabus on 20th Jan.2001 at K.K.W. College of Engineering, Nashik
- One day workshop on Implementation of revised syllabus With Effect From 2008-09 of subject Engineering Graphics – I & II for First Year Engineering of University of Pune Institute of Computer Technology Pune -43 on 2nd May 2008.
- One day workshop on “Detailing & Implementation of syllabus for Applied Thermodynamics” on 6th Jan.2009 at N.D.M.V.P.S.K.B.T. College of Engineering, Nashik.
- One day workshop on “Detailing of syllabi of Machine Drawing & Computer Graphics and Geometric Modeling on 17th Jan.2009 at Mechanical Engineering Dept. of Pune Vidyarthi Griha’s College of Engineering & Technology, Pune-09.

- Five days workshop on Mission 10X on 18 May to 22nd May 2009 at N.D.M.V.P.S.K.B.T.College of Engineering,Nashik.
- One day workshop on “Direct use of Renewable Energy Saving System in Industries & Homes” on 19th June 2011 at N.D.M.V.P.S.K.B.T.College of Engineering,Nashik
- Five days workshop on”Advanced Tribology” on 13thfeb. to 17th Feb.2012 at Department of Mechanical Engineering ,Indian Institute Of Technology, Delhi
- One day seminar on History Evolution and Modern Technologies on 7th January 2003 at Department of Mechanical Engineering K.K.W.C.O.E. Nashik
- Two days workshop on Akash for Education at NDMVPSKBT COE, Nashik during 10th -11th November 2012
- Two days workshop on Industrial Tribology and Applications at SVNIT, Surat during 14th -15th November 2014
- Five days workshop on Fundamentals of Tribology and its Industrial Applications at SVNIT, Surat during 6th -10th July 2015
- One day seminar on Skilling Tomorrows Engineers with Advanced Product Development Capabilities on 3rd August 2016 at G.E.S.C.O.E. Nashik
- Three days national seminar on “Mechanical Vibration-Analysis & diagnosis” at Pravara rural engineering College Loni during 22nd -24th March 2007.
- One week training program on “Finite Element Analysis Using ABAQUS”atSinhgad College of Engineering, Pune during 13th – 17th Nov.2006.
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- One day Seminar on “Quality Education” on 29th March 2004 at Sir Vishveshvaraya

Memorial College of Engineering Sinnar Nashik.

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- One day workshop on “Detailing & Implementation of syllabus for Applied Thermodynamics” on 6th Jan. 2009 at N.D.M.V.P.S.K.B.T. College of Engineering, Nashik.
- One day workshop on “Detailing of syllabi of Machine Drawing & Computer Graphics and Geometric Modeling on 17th Jan. 2009 at Mechanical Engineering Dept. of Pune Vidyarthi Griha’s College of Engineering & Technology, Pune-09.
- Five days workshop on Mission 10X on 18 May to 22nd May 2009 at N.D.M.V.P.S.K.B.T. College of Engineering, Nashik.
- One day workshop on “Direct use of Renewable Energy Saving System in Industries & Homes” on 19th June 2011 at N.D.M.V.P.S.K.B.T. College of Engineering, Nashik
- Five days workshop on “Advanced Tribology” on 13th Feb. to 17th Feb. 2012 at Department of Mechanical Engineering, Indian Institute Of Technology, Delhi
- One day seminar on History Evolution and Modern Technologies on 7th January 2003 at Department of Mechanical Engineering K.K.W.C.O.E. Nashik
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10th -11th November 2012

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- Five days workshop on Fundamentals of Tribology and its Industrial Applications at SVNIT, Surat during 6th -10th July 2015
- One day seminar on Skilling Tomorrows Engineers with Advanced Product Development Capabilities on 3rd August 2016 at G.E.S.C.O.E. Nashik
- Five days AICTE Sponsored STTP Excellence in Marine Materials: Advanced Processing, Characterization and Applications at Indian Institute of Technology Roorkee, during 21/05/2018 to 25/08/2018
- Five days AICTE Sponsored STTP on NBA Accreditation Institute of Technical Teachers Training and Research, Kolkata(Online) during 22/04/2019 to 26/04/2019
- Five days AICTE Sponsored STTP on Problem Based Learning Institute of Technical Teachers Training and Research, Kolkata(Online) during 02/01/2019 to 06/12/2019
- Five days AICTE Sponsored STTP on Basics of Tribology and its Industrial Engineering Applications, SVNIT Surat, (online) during 4/01/2021 to 08/01/2021
- Five days AICTE Sponsored STTP on Advances in Materials and Design, SVNIT Surat, (online) during 08/02/2021 to 12/02/2021
- Five days AICTE Sponsored STTP on Sustainable Waste Management, D. Y. Patil Institute of Engineering, Management & Research Center, Akurdi, Pune (online) 18/10/2021 to 22/10/2021

Awards

- Won 2nd prize for paper titled “Effect of cold rolling on fatigue mill roller shaft” at the 55th Annual Convention of the Deccan Sugar Technologies Association ,Pune

Declaration

I consider myself familiar with Mechanical Engineering Aspects. I am also confident of my ability to work in a team. I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Nashik (Maharashtra State)

(Dr. Amol B. Kakade)