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## Personal Profile

Name: Mr. Yuvraj Bhadrasen Chaudhary  
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Sex: Male  
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## Education

Degree	Institute/University	Class and percentage	Year of passing
M.Tech. (MechEngg.)	National Institute of Technology, Kurukshetra	68.60	2001
B.E. (Mech.Engg.)	Dr. BabasahebAmbedkarMarathwada University , Aurangabad	57.40	1996

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## Thesis/dissertation

Degree	Supervisors	Title
M..Tech	Dr. T.K.Garg& Dr. Dixit Garg	“Some issues in buyer-vendor relationship in Indian Context ”

## Professional experience details

**Total Teaching experience as on 4<sup>th</sup> March 2022: 20years, 1 Months**

Organization/institute	Department	Post	From	To	Experience
MVPS's KBT College of Engineering, Nashik (NAAC Accredited 'A' grade institute)	Mechanical Engineering	Associate Professor	01/09/2011	Currently working	12 years, 6 Months
MVPS's KBT College of Engineering, Nashik (NAAC Accredited 'A' grade institute)	Mechanical Engineering	Assistant Professor	01/07/2006	31/8/2011	5 Years, 1 Months
MVPS's KBT College of Engineering, Nashik (NAAC Accredited 'A' grade institute)	Mechanical Engineering	Lecturer	01/6/2006	30/06/2006	1 Months

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## Publications

**Total publications: 08**

### Journal Papers & Conference Proceedings

#### Journal Papers

- A paper entitled "Design and Development of Zero Slip Lifter Mechanism" has been published in the International Journal of Emerging Technologies in Engineering Research (IJETER) Volume 4, Issue 7, July (2016) pp 149-155
- A paper entitled "An Experimental Investigation & Analysis of Gear Component Manufactured By 3D Printing & Conventional Process-A Review" has been published in the international journal for research in emerging science and technology, volume 3. E-ISSN: 2349-7610 pp 6-10
- A paper entitled "Review on Role of Advance Modern Manufacturing Technology in Micro Small and Medium Enterprises (MSMEs)" has been published in the International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 ICRTME - 2016 International Conference Proceedings PP 29-31
- A paper entitled "An Experimental Investigation & Analysis Of Gear Component Manufactured By 3D Printing & Conventional Process" has been published in the International Engineering Research Journal ISSN 2395-1621 pp 670- 678

- A paper entitled “Spur Gear Crack Propagation Path Analysis and Its Effect on Gear Mesh Stiffness” has been published in the international journal of Advance research in science and Engineering, volume 05 Special issue 02. E-ISSN: 2319-8354 pp 500-509

### **Papers presented in International /National Conferences**

- Presented a paper entitled “Numerical Analysis and Optimization of Transformer Bushing for Impact Damage and Internal Pressure Resistivity” published in National Conference Proceedings at MVPS’S KBTCOE, Nashik 2021
- Presented a paper entitled “Experimental Investigation of Transformer Bushing for Alternate Material” published in National Conference Proceedings at MVPS’S KBTCOE, Nashik 2021
- Presented a paper entitled “Design Optimization And Analysis of Steering Knuckle Using Matrix Materials” published in National Conference Proceedings at MVPS’S KBTCOE, Nashik 2021

### **NPTEL /Coursera Courses completed**

- Accreditation and Outcome based Learning

### **Subjects taught**

<b>Sr. No.</b>	<b>Institute</b>	<b>Subjects</b>
1	MVPS’s KBT College of Engineering, Nashik	Artificial Intelligence and Machine learning, Mechatronics, Hydraulic & Pneumatics Machine Design Theory of Machine-II

### **Administrative work and technical activities**

- Worked as a NSS Program Officer from 1/6/2019 to till date.
- Worked as a Department Seminar Coordinator for year 2016-17, 2017-18, 2018-19, 2019-20, & 2020-21.
- Worked as a Coordinator for Two Days National Level E-Conference on “Recent Trends in Mechanical Engineering” 25th and 26th November 2020. at NDMVPS’S KBT COE Nasik
- Conducted a two days’ workshop on “Recent Trends in Mechatronics and Automation” during 24-25 September, 2021 at M.V.P.S’s K.B.T.C.O.E., Nashik.
- Worked as a Chief Examiner officer (C.E.O) from 1/9/2012 to 31/12/2016.

- As Member of Local Inquiry Committee under Savitribai Phule Pune University of Pune for PRES College of Engineering Loni, DistAhemadnagar dated 22nd Jan 2016
- Subject Expert for Faculty selection at Lt.G N Sapkal College Engineering Nashik under University of Pune, dated on12/4/2014
- Worked as a Director, First Year CAP (Nov.Dec.2011) at NDMVPS'S KBT COE Nasik
- Worked as a Head of Department from 1/8/2011 to31/8/2012.
- As Member of Local Inquiry Committee under University of Pune for NutanMaharastra Institute of Engineering &Technology, VishnupuriTalegaonDabhaleTq.Maval Pune dated 25th Nov 2012
- Worked as **Coordinator** for one day workshop on “ *Direct use of Renewable Energy & Energy Saving Systems in Industries & Homes*” jointly organized by KBTCOE Nashik & Maharashtra Non- Conventional Energy Producers Association dated 19/06/2011
- Worked as **External Sr. Supervisor** for
  - i) GES's COE Nashik 23/05/2011 to 02/06/2011
  - ii) MET Nashik 27/12/2010 to 05/01/2011
  - iii) MVP's College of Architecture Nashik 23/112009 to31/10/2009
  - iv) Matoshri College of Engg& RC Nashik 14/12/2009 to 23/12/2009

## Professional Membership

- Indian Society for Technical Education

## Conferences / Seminars / Workshops participated

- FDP on ‘Quality Management Practices used in Industries’dated from 20/06/2020 to 25/06/2020 organized by Department of Mechanical Engineering, Lokmanya Tilak College of Engineering., Nav Mumbai
- FDP On “ Outcome Based Education A Step Towards Excellence ” 11-15 MAY) GCOE , Karad
- Two days national workshop on “Engineering Trends in Heat Transfer Engineering “ jointly conducted by Mechanical EnggDept of KBTCOE and BCUD of SPPU Pune on 4th& 5th February 2016.
- One week STPP workshop on “ Research Methodology “ conducted by NIT Jaipur from 25th to 29th October 2015.
- Two week ISTE workshop on “ Fluid Mechanics” conducted by IIT Mumbai at KBTCOE Nashik from 20th to 30th May 2014
- One day workshop on “Examination System” organized by Amrutvahini IM & BA under University of Pune at Sangamner on 21st February 2014.

- Two week ISTE workshop on “ Engineering Mechanics” conducted by IIT Mumbai at KBTCOE Nashik from 26<sup>th</sup> Nov to 6<sup>th</sup> Dec 2013.
- Two Day State Level Seminar on “Tribological Aspects in Design” sponsored by BCUD University of Pune at KBTCOE Nashik on 3rd& 4th October 2013
- One Day Training on “Workshop in Industrial Automation” conducted by Technocrat’s Academy of Automation & Control Technology (TAACT) on 4th August 2013.
- Two day Regional Research Conferences for Pune Universities College Teachers on INNOVATION – 2013’ under by Board of college & University Development (BCUD) at RSCOE, Pune-33on 18th& 19th April 2013
- Two ISTE workshop on “Aakash for Education” conducted by IIT Mumbai at KBTCOE Nashik on 10<sup>th</sup>& 11<sup>th</sup> November 2012.
- A State level Seminar on “Value Engineering and its Applications” at GES COE Nashik on 25th Feb 2012
- One day workshop on “Finite Element Methods using Ansys & Matlab” at NDMVP’s KBT COE Nashik on 24th Feb 2012.
- A STTP on “Advances in Manufacturing and Micromachining Techniques” at VJTI Mumbai dated 14th to 18th Nov. 2011
- One day workshop on “Direct use of Renewable Energy & Energy saving Systems in Industries & Homes” at NDMVP’s KBT COE Nashik dated 19/06/2011
- Two day Regional Conferences for Pune Universities College Teachers on ‘INNOVATION – 2010’ under by Board of college & University Development (BCUD) at P.D.V.V.P COE, Ahemadnagar on 27 to 28 Oct.2010
- One day workshop on “Design & simulation of Hydraulic , Pneumatic & Electrotechnical Systems with integrated control through Electrical, PLC SFC & Digital electronics using Automation Studio” at NDMVP’s KBT college of Engg, Nashik. On 26/02/2010
- One day workshop of syllabus detailing for third year of Mechanical Engineering subject of ‘Mechatronics’ dated 18 /02 / 2010 at MAE Alandi, Pune.
- One day workshop of syllabus detailing for second year of Mechanical Engineering subject of ‘Applied Thermodynamics Engineering’ at MVPS’s KBT college of Engineering, Nashik on 09/05/2009.
- One day workshop of syllabus detailing for second year of Mechanical Engineering subject of ‘Engineering Metallurgy’ at Cummins College of Engineering for Woman, Pune on 10th January 2009
- One week STTP on ‘Management –Development programme on QMS-ISO 9001-2000’ conducted by Ministry of Micro Small & Medium Enterprises (MSME-Development Institute) Mumbai dated on 14th July to 18th July of 2008
- One day workshop of ‘software utilization in teaching’ at P.V.G. College of Engineering, Pune dated on 21<sup>st</sup> January of 2008.
- One day workshop of syllabus detailing for final year of Mechanical Engineering subject of ‘Introduction to Mechatronics’ at MVPS’s KBT college of Engineering. Nashik on 2nd September of 2006

## **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)**

**(Mr. Yuvraj . B. Chaudhary)**