

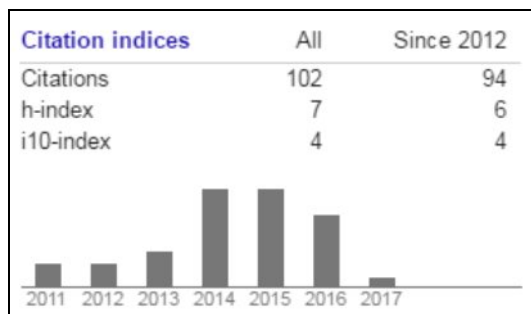
Curriculum Vitae

Dr. Arunesh Chandra

Address: 56, Mansi Vihar, Sector 23,
Sanjay Nagar, Ghaziabad
Uttar Pradesh - 201 001

Contacts: +91-9911037234

Emails: chandraarunesh23@gmail.com
arunesh.chandra@kiet.edu



Academic Qualification-

- **Ph.D.** - Awarded from **Department of Mechanical Engineering of National Institute of Technology (NIT), Kurukshetra**, Haryana in the area of **Ergonomics (Anthropometry)** in year 2015.
- **M.Tech.** - Awarded from **National Institute of Foundry & Forge Technology (NIFFT), Ranchi**, Jharkhand with specialization in **Manufacturing Engineering** having first position and excellent performance with **8.65 CGPA** in the year 2003.
- **B.Tech.** – Awarded in **Mechanical Engineering** from **Government Engineering College (GEC) IPST, Satna**, Madhya Pradesh with First division and having aggregate marks of **72%** in the year 2000.
- **XIIth** from **JCIC, Allahabad** (UP Board) with first division and **66%** marks in the year 1994.
- **Xth** from **BJS, Allahabad** with first division and **65%** marks in the year 1992.

Professional Experience-

Academic Experience: 13.5 years.

Industry Experience: 1 year.

- From **1st September 2015 to till date** working as a **Professor** in the Department of Mechanical Engineering of **Krishna Institute of Engineering and Technology (KIET)**, Ghaziabad **NBA and NAAC Accredited**.
- From **15th July 2010 to 31st August 2015** working as an **Associate Professor** in the Department of Mechanical Engineering of **Krishna Institute of Engineering and Technology (KIET)**, Ghaziabad.
- From **1st March 2010 to 14th July 2010** worked as an **Assistant Professor** in the Department of Mechanical Engineering of **Greater Noida Institute of Technology (GNIT)**, Greater Noida.
- From **September 2009 to 28th February 2010** worked as a **Head & Assistant Professor** of Department Mechanical Engineering of **Raj Kumar Goel Institute of Technology for Women (RKGITW)**, Ghaziabad.
- From **1st July 2006 to August 2009** worked as an **Assistant Professor** in the Department of Mechanical Engineering of **Raj Kumar Goel Institute of Technology, (RKGIT)**, Ghaziabad.
- From **6th July 2005 to 30th June 2006** worked as a **Lecturer** in Department of Mechanical Engineering of **Raj Kumar Goel Institute of Technology, (RKGIT)**, Ghaziabad.
- From **14th July 2003 to 05th July 2005** worked as a **Lecturer** in Department of Mechanical Engineering of **College of engineering Roorkee, (COER)**, Roorkee.
- From **1st June 2000 to 1st July 2001** worked as **Production Engineer** (Trainee), in **Zenith Forging, (ZF)**, Jamshedpur.
- Worked on different projects of **Tata Motors, (TELCO)**, Jamshedpur from **August 2002 to February 2003** and of **Central Tool Room & Training Centre, (CTTC)**, Bhubaneswar from **February 2000 to May 2000**.

Administrative Responsibilities/Duties-

- Apex Committee member for **Convocation 2017** at **KIET**.
- Group leader for discipline committee during Annual fest **EPOQUE 2017** at **KIET**.
- **Subject Co-ordinator** of Elements of Mechanical Engineering for First Year during session 2016-17.
- Member Discipline Committee during **Convocation 2016** at **KIET**.
- Member Discipline Committee during Annual fest **EPOQUE 2016** at **KIET**.
- Working as **Workshop Superintendent (WS)** from **(2015-16)** onwards at **KIET**.
- Worked as **Assistant Center Superintendent** at **KIET** for end semester **UPTU** examination **(2014-15)**.
- In-charge **Internal exam committee** for Department of Mechanical Engineering at **KIET (2015-16)**.
- **Worked** as **Head Examiner** for evaluation of **UPTU** end semester examination **(2015-16)** for subject **Engineering Mechanics (NME 202)**.
- **Worked** as **Head Examiner** for evaluation of **UPTU** end semester examination **(2014-15)** for subject **Mechanics of Solids (NME 302)**.
- **Guided** students in a Four weeks summer training on **Hands on Training Programme** as faculty advisor conducted at **KIET, Ghaziabad** from **08 June-03 July, 2015**.
- **Organized** departmental level various **technical/cultural fests** (Epoque/Frescos) March-April **(2013-14)** at **KIET**.
- Departmental in-charge of **Annual Quality Assurance Cell** at **KIET, Ghaziabad** for continuous **3 years** from **(2012-15)**.
- Departmental in-charge of **Institute-Industry interaction cell** at **KIET, Ghaziabad** from **2012 onwards**.
- Departmental in-charge of **Fresco (2013-14)** at **KIET, Ghaziabad**.
- **Mentor** of **second & third year students** of Mechanical Engineering from **2013-2015**.
- Prepare lab **manual of Engineering Mechanics Lab** in the year 2012 at **KIET**.
- In-charge of **Engineering Mechanics** from **(2011-12)** onwards at **KIET**.
- For the State Entrance Examination (SEE), **2008** worked as a **Nodal Officer** of Nodal Centre **RKGIT, Ghaziabad**.
- For the **State Entrance Examination (SEE)**, **2007-08, 2008-09 & 2010-11** worked as **Centre Controller**, at Lucknow and Ghaziabad.
- For the **UPTU End Semester Examination** worked as a **Nodal Officer** of Nodal Center **RKGIT, Ghaziabad** from **2006-2008**.
- In-charge and member of various committees like counseling for **SEE 2006-08, anti ragging, technical, cultural, academic** from the year 2003 onwards.
- For the year **2006-2008** worked as a **Time Table In-charge** of Mechanical Engineering Department of **RKGIT** & from **2012-14** for Department of Mechanical Engineering of **KIET**.
- For the year **2007-08** worked as organizer of **Internal sessional examination** committee of **RKGIT**.
- Worked as a **project co-ordinator** for the year **2007-09** of Mechanical Engineering Department of **RKGIT** and subsequently for year **2010-11** in the Department of Mechanical Engineering of **KIET**.
- **In-charge** of **CAM lab** from **2007-09** at **RKGIT**.
- In-charge of **CAD/CAM training program** for students from **2006-08** for **RKGIT, Ghaziabad**.
- For the year **2006** in the month October worked as **Organizer of Advances in Mechanical Engineering** (AME-2006) Technical Paper Presentation Competition & for the year 2008 & 2009 worked as an Event-Coordinator in the Annual Technical Festival, Jagriti-'08, Jagriti-'09 for Vidhitsu & Junk Busters for **RKGIT**.
- For End Semester Examination worked as **External Practical Examiner** and **Evaluator** of **UPTU** various papers from year **2003** onwards as assigned by **UPTU Vice Chancellor**.

Publications-

International Journals

1. **A. Chandra, P. Chandna, S. Deswal, R. Mishra, R. Kumar**
Stature Prediction Model Based on Hand Anthropometry; *International Journal of Medical, Health, Biomedical and Pharmaceutical Engineering (IJMHBPE)*, WASET Journal, Available Online, 2015, Vol. 9, No. 2, pages: 201-207.
2. **A. Chandra, P. Chandna**
Implementation of Virtual Reality in the Conceptual Design of a Tractor Trailer; *International Journal of Mechanical, Aerospace, Industrial and Mechatronics Engineering (IJMAIM)*, WASET Journal, Available Online, 2014, Vol. 8, No. 8, pages: 1376-1382.
3. **V. Bhardwaj, A. Chandra, N. Yadav**
Investigating the Effect of Process Parameters on the Mechanical Properties of A713 Sand Cast Aluminium Alloy by using Taguchi Method; *International Journal of Advances in Engineering and Technology (IJAET)*, Available Online, 2013, Vol. 6, Issue 5, pages: 2274-2285.
4. **A. Chandra, P. Chandna, S. Deswal**
Estimation of hand index for male industrial workers of Haryana State (India); *International Journal of Engineering, Science and Technology (IJEST-ng)*, Available Online, 2013, Vol. 5, No. 1, pages: 55-65.
5. **A. Chandra, P. Chandna**
Ergonomic Design of Hand tool (Screwdriver) for Indian Workers Using Comfort Predictors: A Case Study; *International Journal of Advanced Engineering Technology (IJAET)*, Available Online, 2011, Vol. II, Issue IV, pages: 231-238.
6. **A. Chandra, P. Chandna, S. Deswal**
Analysis of Hand Anthropometric Dimensions of Male Industrial Workers of Haryana State (India); *International Journal of Engineering (IJE)*, Available Online, 2011, Vol. 5, No. 3, pages: 242-256.
7. **A. Chandra, P. Chandna, S. Deswal**
Hand Anthropometric Survey of Male Industrial Workers of Haryana State (India); *International Journal of Industrial and Systems Engineering (IJISE)*, Available Online, 2011, Vol. 9, No. 1, pages: 98-120.
8. **P. Chandna, S. Deswal, A. Chandra**
An Anthropometric Survey of Industrial Workers of the Northern Region of India; *International Journal of Industrial and Systems Engineering (IJISE)*, Available Online, 2010, Vol. 6, No. 1, pages: 110-128.
9. **P. Chandna, S. Deswal, A. Chandra, S. K. Sharma**
Estimation of Individual Power of Noise Sources Operating Simultaneously; *International Journal of Environmental Science and Engineering (IJESE)*, Available Online, 2009, Vol. 1, No. 2, pages: 81-86.
10. **A. Chandra, P. Chandna**
Quality Tools to Reduce Crankshaft Forging Defects: An Industrial Case Study; **Journal of Industrial and Systems Engineering (JISE)**, Available Online, spring 2009, Vol. 3, No. 1, pages: 27-37.

International/ National Conferences

1. **R. Kumar, V. K. Singh, S. Bhardwaj, S. Gandhi, A. Chandra**
Ergonomic Design and Evaluation of Hand Implements: A Review; *HWWE 2014*, Proceedings of **International Ergonomics Conference**, organized by **Indian Institute of Technology, Guwahati**, on 3rd - 5th December 2014, pages: 85-91.
2. **A. Chandra, P. Chandna, O. P. Kaushal**
Index for Quality Control in Hand Anthropometric Surveys; *QMC 2013*, Proceeding of the **National Conference on Quality Management in 21st Century**, organized by Deptt. of Mechanical Engineering of **Babu Banarsi Das Institute of Technology, Ghaziabad**, on 5th - 6th April 2013, pages: 97-101.
3. **A. Chandra, P. Chandna, S. Deswal, R. Kumar**
Ergonomics in the Office Environment: A Review; *ENVIROENERGY 2009*; WASET (ISSN: 2070-3740) Proceeding of the **International Conference on Energy and Environment**, Chandigarh, INDIA, Organized by Department of Mechanical Engineering of **National Institute of Technology, Kurukshetra**, 19th - 21st March 2009, pages: 913-919.
4. **P. Chandna, S. Deswal, A. Chandra, S. K. Sharma**
Estimation of Individual Power of Noise Sources Operating Simultaneously; *ENVIROENERGY 2009*; WASET (ISSN: 2070-3740) Proceeding of the **International Conference on Energy and**

Environment, Chandigarh, INDIA, Organized by Department of Mechanical Engineering of **National Institute of Technology, Kurukshetra**, 19th - 21st March 2009, pages: 348-353.

5. **A. Chandra**, T Mahala

Achieving Flexibility and Responsiveness in SMES through a Holistic Approach to Information System Design; QRMAES-07: Proceeding of the **National Conference on Quality, Reliability & Maintainability Aspects in Engineering Systems**, Hamirpur, Organized by Department of Mechanical Engineering of **National Institute of Technology, Hamirpur**, 27th-28th December 2007, pages: 13-17.

Organized/Attended Short-Term Courses/ Workshops/ Conferences-

- **Participated** in AICTE recognized short term course on **Open Source Technologies through ICT** conducted by (NITTTR- Chandigarh) from **29th August - 2nd September 2016** (One Week).
- **Attended** three days **workshop** on **faculty development program** on “**Entrepreneurship**” conducted by The National Institute for Entrepreneurship and Small Business Development (NIESBUD) under **Ministry of Skill Development and Entrepreneurship (Govt. of India)** on **28th- 30th December 2015**.
- **Attended** two days **faculty development program** on “**Managing Innovation through Intellectual Property Rights in Knowledge Era**” organized by **KIET (HR Department)**, on **6th-7th July 2015**.
- **Attended** two days **workshop** on “**Consumer Protection & Consumer Empowerment in India**” organized by **KIET school of Management** in collaboration with centre for consumer studies **Indian Institute of Public Administration**, New Delhi on **28th February-1st March 2014**.
- **Organized** two days (**25th February - 26th February 2014**), AICTE sponsored **National Seminar on Tools and Techniques Used for Thermal Cooling** at **Krishna Institute of Engineering & Technology (KIET), Ghaziabad**.
- **Organized** 2-weeks **ISTE workshop** on **Engineering Mechanics** under the National Mission on Education through ICT (MHRD, Govt. of India) from **26th November-6th December, 2013** conducted by **Indian Institute of Technology (IIT) Bombay** at **Krishna Institute of Engineering & Technology (KIET) Ghaziabad**.
- **Attended and presented** paper in **National Conference** on “**Quality Management in 21st century**” two days (**5th - 6th April 2013**) organized by **Babu Banarsi Das Institute of Technology, (BBDIT) Ghaziabad**.
- **Attended** workshop on “**Advances in materials**” on **05th November 2011** at **KIET, Ghaziabad**.
- **Attended and presented** papers in **International Conference on Energy and Environment “ENVIROENERGY2009”** at **TAJ Chandigarh** from **19th March 2009 to 21st March 2009** organized by **National Institute of Technology (NIT) Kurushetra** in collaboration with other NITs of repute.
- **Attended** course on “**CAD/CAM & Robotics**” from **7th January 2008 to 11th January 2008** at **National Institute of Technology (NIT) Hamirpur**.
- **Attended** workshop on “**Development of Strategies for Student Centric Teaching in Mechanical Engineering Course (TME 101/TME 201) of B.Tech. First Year**” on **15th December 2007** at **Raj Kumar Goel Institute of Technology (RKGIT) Ghaziabad**.
- **Attended** short term course on “**Design for X (DFX)**” from **11th June 2007 to 22nd June 2007** at **Motilal Nehru National Institute of Technology (MNNIT) Allahabad** sponsored by **AICTE**.
- **Attended** short term course on “**Experimental Techniques- A Holistic approach**” from **19th June 2006 to 01st July 2006** at **Raj Kumar Goel Institute of Technology (RKGIT) Ghaziabad** sponsored by **AICTE**.

Professional Membership-

- Member of Professional body **Indian Institution of Plant Engineers** **May 2003**, membership number **4521**.

Seminar Delivered-

- Recent Development in Modeling of Curved Surfaces.
- Quality Tools and Statistical Process Control.

Subjects Taught-

- Elements of Mechanical Engineering
- Engineering Mechanics
- Mechanical Engineering
- Strength of Materials
- Industrial Engineering
- Operation Research
- Computer Aided Manufacturing
- Fluid Mechanics
- Fluid Machinery
- Thermal & Hydraulic Machines
- Workshop Practice
- Manufacturing Science - I
- Production Operation Management
- Total Quality Management
- Project Management
- Industrial Design & Ergonomics
- Maintenance Engineering & Management
- Unconventional Manufacturing Processes

Awards & Achievements-

- **Citations** of my published **papers** are **102** with **h index** as **7** (March 2017) - **Available online** on **Google Scholar**.
- More than **3.5k** reads of **paper published** and **67 citations** of **research article** by different **researchers** worldwide (March 2017) **RG score 2.89** - **Available online** on **Researchgate.net**
- **Reviewer** of **Indian Journal of Science and Technology**.
- **Reviewer** of **Journal African Health Science**.
- **Published** Laboratory manual **Engineering Mechanics Lab** in the academic year **2015-16**.
- Received **Certificate of Appreciation & Award** (introduced **first** time) from **KIET** group of Institutions for **superior performance** in the academic year (**2012-13**).
- M.Tech. **topper** (Manufacturing Engineering) **2003** batch **NIFFT Ranchi**.
- **Scholarship**: Gate scholarship for M.Tech. from **Ministry of HRD**, Govt. of **India**.
- Qualified **GATE** in the year **2001** with **89.23** percentile and **AIR 1141**.
- More than **95%** results in all the above mentioned individual subjects taught during various semesters to under **graduate (B.Tech.)** and **100%** results for **post graduate** students (**M.Tech. & MBA**).
- Student's **feedback** normally more than point **8.5** in the scale of **10** in every semester for different subjects of **B.Tech. & M.Tech.**

M.tech. Thesis Guided- (02)

- Vivek Bhardwaj (**06002972016**) *Optimization of process parameter for affecting the tensile strength, hardness and impact strength of A713 aluminum alloy sand casting by using taguchi method*; from KIET under UPTU, Lucknow, in the year **2014**.
- Vaibhav Sharma (**06002972013**) *Surface designing of helijet using CATIA-V5 R19*; from KIET under UPTU, Lucknow, in the year **2014**.

Research Area/Guided-

- Present **area of research** includes: **Ergonomics, Anthropometry, Quality & Virtual Reality.**
- Supervised Two **M.Tech.** Thesis.
- Supervised more than Twenty-five **B.Tech.** Project.

Personal Details-

Name	- Dr. Arunesh Chandra
Father's Name	- Late Sri Ravi Shanker Khare
Date of Birth	- September 23, 1978
Nationality	- Indian
Category	- General
Marital Status	- Married, wife (Shweta), daughter (Ashwika) & son (Ajish)
Languages Speak & Write	- English, Hindi
Contact Number	- 09911037234, 09457929182
Hobbies	- Chess, Cricket & Music
Correspondence Address	- 56, Mansi Vihar, Sector 23, Sanjay Nagar, Ghaziabad- 201001
Permanent Address	- 519, Baghambari Gaddi, Allahpur, Allahabad- 211006
Email Address	- chandraarunesh23@gmail.com, arunesh.chandra@kiet.edu

References-

- **Dr. Pankaj Chandna**
Professor
Department of Mechanical Engineering
National Institute of Technology, Kurukshetra, Haryana
- **Dr. Surinder Deswal**
Professor
Department of Civil Engineering
National Institute of Technology, Kurukshetra, Haryana
- **Dr. Rajeev Srivastava**
Associate Professor
Department of Mechanical Engineering
Motilal Nehru National Institute of Technology, Allahabad, Uttar Pradesh
- **Dr. K. L. A. Khan**
Professor & Head
Department of Mechanical Engineering
Krishna Institute of Engineering & Technology, Ghaziabad, Uttar Pradesh

Declaration-

I hereby declare that information given above is true to the best of my knowledge and belief.

Date -
Place - **Ghaziabad**



Dr. Arunesh Chandra