# RESUME

**Objective**-
To work for a professionally managed organization and to contribute for the growth of the organization as well as achieve personal and Professional growth by the best utilization of my knowledge, skills

## Personal Details

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|---|---|
| *Name* | **Pankaj Ramanlal Beldar** |
| *Date of Birth* | 13th August 1991 |
| *Permanent Address* | 17, Kautikbaba nagar , Yawal road Chopda, Dist., Jalgoan 425107 |
| *Email* | pankajrbell@gmail.com |
| *Telephone No* | 8793725713 |

## Educational Qualifications

| Degree / Certificate | Board/University | Institution | Year | Aggregate Score (CPI/%age) |
|---|---|---|---|---|
| M.E. 2013 Pattern **[Mechanical Design]** | Pune University | NDMVPSKBTCOE, Nashik | Nov 2016 | 8.18/10 |
| B.E. 2008 Pattern [Mechanical] | Pune University | DYPCOE, Akurdi, Pune | July 2013 | 69.06% |
| H.S.C. | Nashik Board | ASC College, Chopda | March 2009 | 87.00% |
| S.S.C. | Nashik Board | KMV School, Chopda | March 2007 | 86.92% |

## Experience

**K. K. Wagh I. E. E. & R., Amrutdham, Panchavati, Nashik**

Working as Assistant professor in Department of Mechanical Engineering since June 2014 till date

## Industry Project Completed

➢ Design and Manufacturing of Flat drippers at Sprintch Engineering Pvt. Ltd. Nashik.

➢ Design and Manufacturing of Compound Dies at Press Tools Pvt. Ltd. Nashik.

➢ Design and Manufacturing of Progressive Dies at Press Tools Pvt. Ltd. Nashik.

➢ Design and Manufacturing of Three rollers system for Seamless Pipes at Jindal Saw Pvt. Ltd. Nashik.

## Faculty Development Programs

| FDP | Name | Location/Where it is Conducted | Duration | | No. of Days | Level |
| --- | --- | --- | --- | --- | --- | --- |
| | | | From | To | | |
| 1 | A one week FDP on QCAD | Spoken Tutorial, IIT Bombay | 27-Jul-20 | 31-Jul-20 | 5 | National |
| 2 | A one week FDP on "R Programming Language | Spoken Tutorial, IIT Bombay | 28-Apr-20 | 04-May-20 | 8 | National |
| 3 | A one week FDP on Scilab | Spoken Tutorial, IIT Bombay | 24-May-20 | 30-May-20 | 7 | National |
| 4 | A one week FDP on "Futuristic Technologies in Mechanical Industries | DYPCOE Akurdi | 05-Jun-20 | 09-Jun-20 | 5 | National |
| 5 | A one week FDP on Latest Software Tools for Engineering and Sciences | University College of Engineering & Technology (A Constituent College of Bikaner Technical University) Karni Industrial Area, Pugal Road, Bikaner- 334004, Rajasthan | 17-May-20 | 26-May-20 | 10 | National |
| 6 | NBA Accreditation and Teaching –Learning in | National Programme on Technology Enhanced | 27 Jan-20 | 26 May-20 | 3 months | National |

| | Engineering (NATE) | Learning (NPTEL) | | | | |
|---|---|---|---|---|---|---|
| 7 | Design Thinking | AICTE Training And Learning (ATAL) Academy | 21 Sep-20 | 25 Sep-20 | 5 | National |
| 8 | Advanced Material Characteriazation Techniques | LENDI Institute of Engineeing Education and Technology, JNTU, Kakinada | 28 May-20 | 30 May-20 | 3 | National |

**Short Term Training Program**

| STTP | Name | Location/Where it is Conducted | Duration | | No. of Days | Level |
|---|---|---|---|---|---|---|
| | | | From | To | | |
| 1 | Short Term Training Programing on 'Patenting for Innovations' | Sanjivani College of Engineering Kopargaon,Dist-Ahmednagar | 25-May-20 | 29-May-20 | 5 | National |
| 2 | "Short Term Training Program on Renewable Energy and Utilization | Sandip Institute of Engineering and Management, Nashik. | 26-May-20 | 30-May-20 | 5 | National |
| 3 | "Bio-Energy: Technologies & Transitions" | UDRTU, KOTA | 18-May-20 | 22-May-20 | 5 | National |

**Coursera Courses**

| Sr.No. | Name | Location/Where it is Conducted | Completed on | No. of Days |
|---|---|---|---|---|
| 1 | Introduction to Mechanical Engineering Design and manufacturing with fusion 360 | Atutodesk | 7/8/20 | 4week |
| 2 | Material Behavior | Georgia Institute of Technology | 21/5/20 | 6week |
| 3 | Initiating and Planning Projects | State University of New York | 5/4/20 | 6week |
| 4 | Artificial intelligence for everyone | deeplearning | 3/5/20 | 4week |
| 5 | Autodesk Fusion 360 Integrated CAD/CAM/CAE | Autodesk | 8/8/20 | 5week |
| 6 | MBSE: Model-Based Systems Engineering | State University of New York | 7/5/20 | 4week |
| 7 | Digital Thread: Components | State University of New York | 10/5/20 | 3week |

| 8 | Intelligent Machining | State University of New York | 7/5/20 | 4week |
|---|---|---|---|---|
| 9 | AWS Fundamentals: Building Serverless | Amazon Web services | 15/5/20 | 5week |
| 10 | Ferrous Technology I | Pohang university | 12/5/20 | 6week |
| 11 | Digital Manufacturing & Design | State University of New York | 9/5/20 | 2week |
| 12 | Budgeting and Scheduling Projects | State University of New York | 6/5/20 | 5week |
| 13 | Agile with Atlassian Jira | Alassian | 16/5/20 | 4week |
| 14 | Cyber Security in Manufacturing | State University of New York | 12/5/20 | 4week |
| 15 | Fundamentals of Project Planning and management | University of Virginia | 3/5/20 | 4week |
| 16 | Graphic Design | University of Colorado | 13/5/20 | 2week |
| 17 | Materials Science: 10 Things Every Engineer Should Know | UC Davis | 9/5/20 | 5week |
| 18 | Programming for Everybody (Getting Started with Python) | University of Michigan | 8/5/20 | 7week |
| 19 | Six Sigma Tools for Define and Measure | kenesewa state University | 1/5/20 | 4week |
| 20 | Advanced Manufacturing Enterprise | State University of New York | 6/5/20 | 4week |
| 21 | AWS Fundamentals: Addressing Security Risk | Amazon Web services | 15/5/20 | 4week |
| 22 | Fibonacci Numbers and the Golden Ratio | Hong Kong University | 7/8/20 | 3week |
| 23 | Advanced Manufacturing Process Analysis | State University of New York | 5/6/20 | 4week |
| 24 | Intro to Digital Manufacturing with Autodesk fusion 360 | Autodesk | 6/8/20 | 4week |
| 25 | Introduction to G Suite | Google Cloud | 5/8/20 | 1week |
| 26 | Modeling and Design for Mechanical Engineers with fusion 360 | Autodesk | 8/8/20 | 4week |
| 27 | CAM and Design Manufacturing for Mechanical Engineering with Fusion 360 | Autodesk | 7/8/20 | 4week |
| 28 | Managing Project Risks and Changes | University of California | 5/6/20 | 5week |
| 29 | AWS Fundamentals: Going | Amazon Web services | 14/5/20 | 5week |

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|---|---|---|---|---|
| | Cloud-Native | | | |
| 30 | Simulation Analysis for Mechanical Engineers with Fusion 360 | Autodesk | 7/8/20 | 4week |
| 31 | Collaborative Robot Safety: Design & Deployment | State University of New York | 8/5/20 | 4week |
| 32 | Safety in the Utility Industry | State University of New York | 7/5/20 | 4week |
| 33 | Digital Thread: Implementation | State University of New York | 12/5/20 | 5week |
| 34 | Material Processing | Georgia Institute of Technology | 10/5/20 | 2week |
| 35 | Psychological First aid Science | John Hopkins University | 16/6/20 | 5week |
| 36 | First step of Korean language | Yonsei University Korea | 23/5/20 | 5week |
| 37 | Hacking Exercise -The surprising new science | McMaster University | 3/5/20 | 4week |
| 38 | Ferrous Technology II | Pohang University | 12/5/20 | 7week |
| 39 | COVID19 Data Analysis Using Python | Coursera Project work | 22/9/20 | 1 week |
| 40 | Spreadsheets for Beginners using Google Sheets | Coursera Project work | 22/9/20 | 1 week |
| 41 | Google Ads for Beginners | Coursera Project work | 22/9/20 | 1 week |
| 42 | Create a Google Ads Search Campaign | Coursera Project work | 22/9/20 | 1 week |
| 43 | English for Common Interactions in the Workplace: Basic Level | Fontificia universidad catolica de chille | 22/9/20 | 1 week |
| 44 | Python World Map Geovisualization Dashboard using Covid Data | Coursera Project work | 23/9/20 | 1 week |
| 45 | Introduction to Python | Coursera Project work | 23/9/20 | 1 week |
| 46 | Python Geospatial Data Analysis | Coursera Project work | 24/9/20 | 1 week |
| 47 | Getting Started in Google Analytics | Coursera Project work | 24/9/20 | 1 week |
| 48 | Build a Full Website using WordPress | Coursera Project work | 24/9/20 | 1 week |
| 49 | Data Analysis Using Pyspark | Coursera Project work | 25/9/20 | 1 week |
| 50 | Introduction to Project Management | Coursera Project work | 26/9/20 | 1 week |
| 51 | Building Digital Media using Graphic Design in Google Slides | Coursera Project work | 29/9/20 | 1 week |
| 52 | Generative Design for Additive | Atutodesk | 29/9/20 | 4 week |

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|---|---|---|---|---|
| | Manufacturing | | | |
| 53 | Speak English Professionally: In Person, Online & On the Phone | Georgia Institute of Technology | 20/12/20 | 5 week |

*Conferences and Publications*
- ➢ 'Analytical, experimental and numerical analysis of passive damping treatment of butyl rubber' In 'international research journal of engineering and technology (IRJET) May-2016, volume 3
- ➢ 'Damping of structures using viscoelastic materials- A review' in IJERM volume 02 issue (June 2015)
- ➢ 'Experimental, Analytical and FEM analysis of passive CLD, FLD and patched layer treatment to reduce vibrations with different viscoelastic materials', MECH PG-CON 2016, 22 June 2016
- ➢ 'FEM analysis of passive CLD, FLD and patched layer treatment to reduce vibrations with different viscoelastic materials', IERJ, volume 01, Sept-2016 , PP- 648-653
- ➢ 'Auto-centering of seamless pipe for NDT using Three Guide Roller FLD Technique', IJTIMES, Feb 2018, Volume 3
- ➢ 'Damping analysis of patched layer sorbothane', IJTIMES, April 2019, Volume 05
- ➢ 'Retrofitting of Scooter using Electrical Power Pack', International Journal for Research in Applied Science & Engineering Technology, Volume 8, Issue VIII, August 2020

## Academics

- ➢ Courses taught:
  - Artificial Intelligence and Machine Learning
  - Hydraulics and Pneumatics
  - Numerical Methods and Optimization
  - Metrology and Quality Control
  - Solid Modelling and Drafting

- ➢ Lab In-charge of CAD CAM laboratory.
- ➢ Industrial Visit Co-ordinator
- ➢ NBA Criteria 3 Member
- ➢ QMS departmental III coordinator

- ➢ **Declaration**

**I hereby declare that above information given by me are completely true according to my best knowledge and belief.**

**Date:      /      /                                                    Place:**

**Signature**