PATHAN SHAHIDKHAN G.

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Date of Birth: 19/02/1997
Gender: Male
Nationality: Indian
Proficiency: Gujarati, Hindi, English

CAREER OBJECTIVE

Motivating professional driven to inspire students to pursue academic and personal excellence. Strives to create a challenging and engaging learning environment in which students become life-long scholars and learners. Highlights Innovative teaching methods Exceptional written and verbal communication Inspiring lecturer Committed to cultivating student leadership Accomplished academic advisor Online course instructor Effective use of multi-media teaching tools Innovative thinker.

ACADEMICS

Qualifications	School/College	Board/University	CGPA*/Percentile	Year
M. Tech. (Machine Design)	BVM V.V.Nagar, Anand	BVM V.V.Nagar, Anand	7.35	2019- 2021
B. E. (Mechanical)	DJMIT Anand	GTU Ahmedabad	8.11	2014- 2018
HSC	Smt. Swayamprabhabahen Shah High School, Mahudha	GSHSEB	84.92	2014
SSC	M.P.Joshi vidhyavihaar Mahisha	GSHSEB	91.78	2012

RESEARCH EXPERIENCE

Dissertation: Design Modification to Incorporate GD&T Requirements in Spindle Housing of CNC Lathe.

Period: June'20-May'21
Institute: BVM, V.V.Nagar, Anand
Project Guide: Dr. P.M. George, Head of Department, Professor
(Department of Mechanical Engineering)

Objectives:
➤ Design modification to incorporate GD&T Rquirements in spindle housing to achieve proper assembly.

- ➢ Manufacturing Process Capability Optimization.
- ➢ Root cause analysis is to find out the defects and quality problems, eliminate or control them.

Dissertation:	Mistake Proofing in VMC Machine for PCD Bolt Hole Error of Alloy Wheel.
Period:	Dec'20-Feb'21
Institute:	BVM, V.V.Nagar, Anand
Project Guide:	Dr. P.M. George, Head of Department, Professor (Department of Mechanical Engineering)

Objectives:
- ➢ To eliminate or minimized PCD error in order to reduce the defects rate in alloy wheel.
- ➢ To avoid the wrong loading of the alloy wheel in PCD-VMC machine.

Minor Project:	Reduction of Non-confirmative Rate of Pulleys Using Six Sigma Methodology.
Period:	June'17-Jan'18
Institute:	DJMIT, Mogar, Anand
Project Guide:	Yagnesh Shrimali, Professor (Department of Mechanical Engineering)

BE Project:	Application of NiTiNol as Nitinol Expansion/Contraction Device instead of solar evacuated tubes for Solar Water Heater.
Period:	Jan'18-Jun'18
Institute:	DJMIT, Mogar, Anand
Project Guide:	Kuldip Bhenjaliya, Professor (Department of Mechanical Engineering)

PUBLICATION

Shahidkhan G. Pathan, PM George, VA Pandya. "Incorporating GD&T Requirements in spindle housing of CNC lathe to improve the design and manufacturing process." Journal of emerging technologies and innovative research JETIR2106161, (2021): b126-b146.

TRAININ AND VISITS
- ➢ Took Industrial Training in Minda Kosei Aluminum Wheel Pvt Ltd. for 2 months.
- ➢ M.tech Dissertation work in Pacemaker Solutions for 6 months.
- ➢ ISRO, Ahmedabad, Gujarat.
- ➢ Kakrapar Atomic Power Station, Kakrapar, Gujarat.
- ➢ Rhino Industry, Anand, Gujarat.
- ➢ BE Project work in Sony Conveyors, V.V.Nagar, Anand, Gujarat.
- ➢ GACL, Ranoli, Baroda, Gujarat.

AREA OF INTREST
- ➢ Design of Machine Elements
- ➢ Computer Aided Design
- ➢ Engineering Graphics and Design
- ➢ Geometric Dimensioning and Tolerancing

ONLINE WEBINAR/WORKSHOPS/CONFERENCE ATTENDED

Geometric Dimensioning and Tolerancing	Event organized by Prasad Rane from MICHIGAN TECH. university.
Fantastic thesis & where to find them	Event organized by SPIE IIT Guwahati Student Chapter.
Kaizen & Lean Management	Expert lecture organized by AIQM.
New horizons and vibrant opportunities in innovation and business	Webinar, organized by department of mathematics, BVM Vidhyanagar.
Arduino and Programming	Organized expert lecture by BVM College, Vidhyanagar.
SOLIDWORKS	Actively participated in workshop Organized by their authority center.
Robotics	Organized workshop in mechanical department of DJMIT.

SKILL SET

Interpersonal Skills	Technical Skills
❖ Punctuality ❖ Accuracy and attention to detail ❖ Adaptability and flexibility ❖ Ready to take responsibility ❖ Good Interpersonal Skills ❖ Time Management	❖ CREO Parametric ❖ SOLIDWORKS ❖ ANSYS ❖ MATLAB ❖ MINITAB ❖ MS Office (Word, Excel and PowerPoint) ❖ Six sigma methodology and tools ❖ Conference calling software

DECLARATION

I hereby do solemnly affirm that the details furnished above are true to the best of my knowledge.