

AYANESH YOGESHKUMAR JOSHI

A1, DEVAM RESIDENCY,
Near Old Civil Court,
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Being a self motivated person, have vital contribution for Team building & integrated approach for goal setting & achievement.

Educational Qualifications :

Examination	Month & Year of Passing	Examining Body	Percentage (%)
Masters in Mechanical Machine Design	July - 2009	Sardar Patel University Vallabh Vidyanagar-India. (SPU)	Credit System Cumulative Performance Index (CPI) of 9.75 out of 10 [SPU Gold Medalist]
Bachelor of Mechanical Engineering	June-2006	Sardar Patel University Vallabh Vidyanagar-India. (SPU)	Credit System Cumulative Performance Index (CPI) of 6.54 out of 10
H.S.C	March-2001	Guj. H.S.C Board	77.56
S.S.C	March-1999	Guj. S.S.C. Board	83.14

Work Experience :

- Currently working as an Asst. Professor, Mechanical Department, A D Patel Institute of Technology, New Vallabh Vidyanagar since 15/06/2008.
- Worked as an Adhoc Lecturer, Mechanical Engineering Department, ADIT for the period of 23/08/2007 to 14/06/2008.
- Worked as Design Engineer [Hydraulics] in Material Handling Division of Elecon Engineering Company Limited. V.V. Nagar, from August 2005 to AUGUST 2007, undergoing hydraulic design for the heavy earth moving equipments and having cross-functional experience in industrial engineering.

Key Responsibilities Handled :

- College Level GTU Co-ordinator.
- Departmental GTU Co-ordinator for 04 years.
- Departmental Time Table In-charge for 01 year.
- Secretary in SOCIETY OF MECHANICAL ENGINEERS, ADIT.
- Faculty Advisor SAE Club, ADIT.
- Departmental ISO Co-ordinator.
- Organized a 3 day state level Tech Fest – ABACUS_13, 4th to 6th March 2013.
- Founder member of Energy Awareness Club at ADIT New V. V. Nagar.

Subjects Taught :

Basic Mechanical Engineering, Engineering Graphics, Manufacturing Process-I, Manufacturing Processes – II, Product Engineering, Product Design and Value Engineering, Automobile Body Engineering

Publications :**Book :**

- A Book on Engineering Graphics, by Nirali Publications, Pune.

Research Papers :

Sr. No.	Paper Title	Authors	Journals/Conference
1	Exhaust Emission Analysis and Performance Optimization of A Direct Injection Diesel Engine Fueling Diesel and Its Blends With Rapeseed Oil	Ayanesh Y. Joshi, Sanjay M. Patel and Paresh D. Patel	Volume : 3, Issue : 8, Aug 2013, ISSN - 2249-555X, INDIAN JOURNAL OF APPLIED RESEARCH
2	An Overview of Influence of Process Parameters in Case of Drilling of Composites	Mitesh Gohil, Ayanesh Y. Joshi and Sankalp Bhatia	Volume : 4, Issue : 4, Apr 2014, ISSN - 2249-555X, INDIAN JOURNAL OF APPLIED RESEARCH
3	Design of Active Yaw Control Mechanism for Small Horizontal Axis Wind Turbines	Ayanesh Y. Joshi and Sankalp G. Soni	ISSN 2321 - 2705 , Volume II, Issue II, International Journal of Research and Scientific Innovation(IJRSI)
4	Comparison of potential injuries to the head and lower extremities of a motorcyclist during impact with W-beam and wire rope barriers using FE simulations	Harshil Patel, Dhaval Jani and Ayanesh Joshi	Volume 23, Issue 1, INTERNATIONAL JOURNAL OF CRASHWORTHINESS, 2017, ISSN: 1358-8265 (Print) 1754-2111 (Online)
5	Development of portable magnetic chip separator	Ayanesh Joshi, Mit K Patel , Bhaumik T Patel	International Conference on RESEARCH AND INNOVATIONS IN SCIENCE, ENGINEERING & TECHNOLOGY, ICRISSET 2017, 17 -19 February, 2017
6	Review of Cabin Tilting Mechanism for Earth-Moving Machinery	Nandkishor Dadhania, Sankalp Bhatiya, Ayanesh Joshi, Deepak Sharma	Vol-2 Issue-3 2016, International Journal of Advance Research and Innovative Ideas in Education, ISSN - 2395-4396
7	EFFECT OF MINIMUM QUANTITY LUBRICATION (MQL) ON GRINDING: A REVIEW	Prashant Rakholiya, Harshil Savsani, Ayanesh Joshi	ISSN (PRINT):2394-6202,(ONLINE):2394-6210,VOLUME-2,ISSUE-6,2016,24th International Conference on Production, Mechanical And Automobile Engineering (ICPMAE-2016)
8	A REVIEW OF MINIMUM QUANTITY LUBRICATION (MQL) ON MACHINING PROCESSES ON LATHE	Jay Raval, Varun Savani, Asst. Prof. Ayanesh Joshi	ISSN (PRINT):2394-6202,(ONLINE):2394-6210,VOLUME-2,ISSUE-6,2016,24th International Conference on Production, Mechanical And Automobile Engineering (ICPMAE-2016)

9	EXPERIMENTAL INVESTIGATION OF ADDING VARIOUS ADDITIVES AND BINDERS IN DRY SAND MOULDING BY TAGUCHI'S METHOD	Mr. Ayanesh Y. Joshi, Mr. Vaishal J. Banker, Dr. Unnati A. Joshi	National Conference on ADVANCES IN MATERIALS AND PRODUCT DESIGN at S. V. NATIONAL INSTITUTE OF TECHNOLOGY SURAT, ISSN No. 978-93-5268-172-3
10	Synchronous Belt Drive for Power Transmission in Geared Motorcycles	Ayanesh Y. Joshi, Sankalp G. Soni	Volume 5 Issue IX, September 2017 ,ISSN: 2321-9653, International Journal for Research in Applied Science & Engineering Technology (IJRASET)
11	Design and Development of Fixture for Pillar Drilling Machine	Nand Mangukia, Nandish Mangukia, Meet Rachhadia, Ayanesh Joshi	Volume 5 Issue XI November 2017, ISSN: 2321-9653, International Journal for Research in Applied Science & Engineering Technology (IJRASET)
12	Advances in Hybrid Electric Vehicles and Their Technologies – A Review	Mr. Ayanesh Y. Joshi, Mr. Vaishal J. Banker	22nd ISTE State Annual Faculty Convention and National Conference on theme "Engineering Innovations for Social and Environmental Development" on 30th December, 2017 at A D Patel Institute of Technology, Karamsad
13	Machinability aspects of Titanium Alloy Ti-6Al-4V – A Review	Mr. Ayanesh Y. Joshi, Dr. Anand Y. Joshi	Proceedings of 4th International Conference ICIAME2018, India
14	A systematic review on powder mixed electrical discharge machining	Ayanesh Y. Joshi, Anand Y. Joshi	Heliyon, Volume 5, Issue 12, December 2019, e02963

Short Term Training Programs/Workshops/FDPs :

TRAINING TYPE	TITLE	START DATE	END DATE	VENUE	ACADEMIC YEAR
STTP	SOLID WORKS 3D DESIGN & MODELLING	15-11-2007	20-11-2007	BBIT, V V NAGAR	2019-2020
SEMINAR	ALTERNATIVE SOURCES OF ENERGY	11-01-2008	11-01-2008	BVM	2019-2020
SEMINAR	GUJARAT TECHNOLOGICAL UNIVERSITY PROSPECT AND RETROSPECT	23-02-2008	23-02-2008	ADIT	2019-2020
WORKSHOP	ENERGY CONSERVATION AWARENESS	28-03-2008	28-03-2008	ADIT	2019-2020
WORKSHOP	THE ROLE OF ERGONOMICS IN MACHINE DESIGN	26-07-2008	26-07-2008	ADIT	2019-2020
SEMINAR	ENGINEERING OPTIMIZATION " A TOOL FOR RESEARCH	09-09-2008	09-09-2009	GCET V. V. NAGAR	2019-2020
WORKSHOP	ENERGY AUDIT & BEST PRACTICES AND LESSONS LEARNED	04-10-2008	04-10-2008	ADIT	2019-2020

SEMINAR	FOREIGN UNIVERSITIES IN INDIA : CHALLENGES AND OPPORTUNITIES	19-11-2010	20-11-2010	F. G. POLYTECHNIC, GANDHIDHAM	2019-2020
WORKSHOP	ADVANCES AND CHALLENGES IN SOLAR ENERGY TECHNOLOGY “ A STEP TOWARDS THE SUSTAINABLE DEVELOPMENT	25-03-2011	26-03-2011	ADIT	2019-2020
SEMINAR	XXI CENTURY: PRIORITIES IN TECHNICAL AND HIGHER EDUCATION	03-08-2011	03-08-2011	CVM	2019-2020
WORKSHOP	MODERN AUTOMOTIVE TECHNOLOGY	14-03-2013	16-03-2013	PARUL INSTITUTE OF ENGINEERING AND TECHNOLOGY “ VADODRA	2019-2020
OTHER	VALUE MANAGEMENT	22-07-2013	24-07-2013	TCS GANDHINAGAR	2019-2020
STTP	RECENT TRENDS IN AUTOMOBILE ENGINEERING	13-05-2013	18-05-2013	L. D. COLLEGE OF ENGINEERING “ AHMEDABAD.	2019-2020
STTP	IMPORTANCE OF CAD/CAM	18-11-2013	22-11-2013	L D COLLEGE OF ENGINEERING “ AHMADABAD	2019-2020
STTP	MAKE IN INDIA : INNOVATIVE PRODUCT DESIGN	14-12-2015	18-12-2015	IIT DELHI	2019-2020
STTP	DESIGN OF EXPERIMENTS	30-05-2016	04-06-2016	BVM, V V NAGAR	2019-2020
SEMINAR	INDUSTRIAL SAFETY	10-03-2017	10-03-2017	ADIT	2019-2020
SEMINAR	BASIC DESIGN OF PRESSURE VESSELS USING ASME SECTION 8 DIVISION I	25-03-2017	25-03-2017	ADIT	2019-2020
SEMINAR	STRUCTURAL STABILITY IN DESIGN OF ACC	23-09-2017	23-09-2017	ADIT	2019-2020
STTP	MANUFACTURING PROCESS	04-06-	15-06-	BVM	2019-2020

	MODELLING & SIMULATION (MPMS " 2018)	2018	2018		
WORKSHOP	TEAM CREATIVITY	25-10-2018	25-10-2018	H. M. PATEL INSTITUTE OF DEVELOPMENT CENTER.	2019-2020
WORKSHOP	STUDENT PARENTING	04-09-2018	04-09-2018	H. M. PATEL INSTITUTE OF DEVELOPMENT CENTER.	2019-2020
WORKSHOP	ROLE OF FACULTY ADVISOR IN STUDENT COUNSELLING	30-06-2018	30-06-2018	ADIT	2019-2020
WORKSHOP	HOW TO SET A GOOD QUESTION PAPER?	29-06-2018	29-06-2018	ADIT	2019-2020
STTP	RECENT TRENDS IN AUTOMOBILE ENGINEERING	04-02-2019	09-02-2019	ADIT	2019-2020
WORKSHOP	ENERGY CONSERVATION AWARENESS	25-07-2018	25-07-2018	ADIT	2019-2020

Area of Interest :

Production Engineering, Automobile Engineering, Product Engineering, Hydraulics and Pneumatics.

Personal Details :

First Name : AYANESH
 Father's Name : YOGESHKUMAR
 Surname : JOSHI
 Sex : Male
 Date of Birth : August 17, 1984
 Languages Known : English, Gujarati, Hindi

Declaration :

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

Place : ADIT, New V. V. Nagar
 Date: 03/04/2014

Ayanesh Y. Joshi