

Personnel Profile

Dr. CHANDRASHEKHAR K. PATIL

Campus Director,

NGSPM's,

Brahma Valley Group of Institutions, Nashik

Residence:

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Carrier Objective

Work in an Environment to Contribute Knowledge, Experience and Management Skills to Achieve Organizational Excellence.

1. Technical Qualification:

- **Ph.D. (Mechanical Engineering), 2019**
- **PGD Labour & Admin Law, 2016**
- **MBA (Human Resource), 2012**
- **M.E (Production Technology & Management) First Class, 2005**
- **B.E. (Mechanical Engineering) First Class, 1995**
- **DSBE, (Shipbuilding Engineering), First Class, 1987**

2. Professional Experience Details:

Sr. No.	Designation	Institute Name	Duration
1.	Campus Director	Brahma Valley Group of Institutions, Nashik	7 th May 2022 to Till date
2.	Director / Principal	Brahma Valley College of Engineering & Research Institute, Anjaneri, Nashik	27 th March 2012 to 6 th May 2022
3.	Principal	Brahma Valley College of Technical Education, Anjaneri, Nashik	7 th May. 2007 to 25 th March 2012
4.	Assistant Professor	Sir Visvesvaraya Memorial Engineering College, Chincholi	14 th Feb. 2006 to 6 th May 2007
5.	Workshop Superintendent	Sir Visvesvaraya Memorial Engineering College, Chincholi	24 th June 1998 to 13 th Feb.2006
6.	Lecturer	Pravara Rural Engineering College, Loni	1 st April 1996 to 23 rd June 1998

7.	Technical Assistant	Pravara Rural Engineering College, Loni	5 th Sept. 1991 to 31 st March 1996
8.	Technical Assistant	Shipbuilding Department, Goa	1 st Sept. 88 to 26 th August 1991
9.	Junior Engineer	M/s Mangala Engineering Works, Mumbai	1 st Jan. 88 to 31 st Dec. 1988

3. Project Guided

1. UG Level: 50
2. PG Level: NIL

4. Country Visited: Dubai, Thailand.

5. National /International Patent Registered: 2 Under Process

6. List of Awards/ Appreciations:

- **Rakta Mitra** Award from Arpan Blood Bank, Nashik.
- **Appreciation Certificates** from Arpan Blood Bank, Nashik.
- **Appreciation Certificates** from Janklyan Blood Bank, Nashik.
- **Education Leadership** Award from Dewang Mehta National Education Awards.
- Savitribai Phule Excellence Award-2022, **Best Innovative Leader**.

7. List of Publications:

Publication Summary:

1. Paper Presented in International Conference:16
2. Paper Presented in National Conference: 02
3. Paper Published in International Journals:12

Year	Publication through International Journal
2022	C. K. Patil et.al “fabrication of al-Zr-Mg-Ni matrix composite with tic reinforcement multi pass recursive friction stir processing and its characterization ” Material today proceeding.
2021	C. K. Patil et.al “Comprehensive review on recycling of spent lithium ion batteries” Material today proceeding.
2021	C. K. Patil et.al “Wind power forecasting based on time series model using deep machine learning algorithms” Material today proceeding.

2021	C. K. Patil et.al “Performance enhancement of solar photovoltaic system for roof top garden” Environmental science and pollution research.
2021	C. K. Patil et.al. “Review on application of phase change material for BIPV system” Material today proceeding
2021	C. K. Patil et.al. “State of Charge Estimation of Lithium-Ion Battery for Electric Vehicles Using Machine Learning Algorithms” World Electric Vehicle Journal.
2018	C. K. Patil et.al. “The Quality Function Deployment Model Using ANN with Optimization Methods”. JARDCS, Journal of Advanced Research in Dynamical & Control Systems, Vol. 10,05- special issue2018
2018	C. K. Patil et.al. “Study of Quality Function Deployment Model Based on Artificial Neural Network with Optimization Technique”. Journal of Advancement Manufacturing System (Vol. 17 no. 1(2018) 119136
2018	C. K. Patil et.al. “Quality Function Deployment a Tool for Quality Improvement in the Manufacturing Industry a case study on Pump”, Ponte, International Journal of Science & Research Vol. 74 no.6/1 Jan 2018.6.10
2018	C. K. Patil et.al “QFD for sustainability and improved product (spring) design,” AIP Conference Proceedings 2018, 020014 (2018); https://doi.org/10.1063/1.5058251
2017	C. K. Patil et.al. Rationalizing Mechanism to Develop & Monitor & Ensure a Quality Culture at the Institutional Level -QFD Case Study for Engineering Institute, GIMR, ISSN no. 2394-8426 Dec-2017, Issue-IV, Vol. VI.
2016	C. K. Patil et.al Application of QFD for Product Quality & Industrial Excellence, International Journal of Innovative Research in Science & Engineering, Vol. 12, issue 02, Feb 2016.
2016	C.K. Patil et.al., “ <i>Application of Quality Function Deployment for Product Quality and Industrial Excellence</i> ”, International Journal of Innovative Research in Science and Engineering, Vol. No.2,Issue 01, 2016.
2016	C.K. Patil , “ <i>Study of designing ,manufacturing and testing of multi-slide press tool for drch-chute component</i> ”, International Journal of Advanced Technology in Engineering and Science, Vol. No.4,Issue 02, 2016.
2016	C.K. Patil , “ <i>Study of Methodology of Overall equipment efficiency</i> ”, International Journal of Advanced Research in Science and Engineering, Vol. No.05, Issue 02, 2016.
2016	C.K. Patil , “ <i>Modification and Implementation of Lower Link Bush Press Machine</i> ”, International Journal of Innovative Research in Science and Engineering, Vol. No.02,Issue 02, 2016
2016	C.K. Patil , “ <i>Study of Manufacturing of Titanium Knee Implant by using Additive Manufacturing ,Power Metallurgy, and Conventional Machining</i> ”, International Journal of Innovative Research in Science and Engineering, Vol. No.02,Issue 02, 2016
2016	C.K. Patil , “ <i>Modification and Implementation of Lower Link Bush Press Machine</i> ”, International

	Journal of Innovative Research in Science and Engineering, Vol. No.02, Issue 02, 2016
	Paper Presented in International Conference
2016	Paper presented in 3 rd International Conference on Science Technology and Management on <i>Application of Quality Function Deployment for Product Quality and Industrial Excellence</i> , Indian International Center, New Delhi. ISBN: 978-81-932074-0-6
2016	Paper presented in 2 nd International Conference on Recent Trends in Engineering Science and Management on <i>Study of designing, manufacturing and testing of multi-slide press tool for drch-chute component</i> , Indian International Center, New Delhi. ISBN: 978-81-932074-3-7
2016	Paper presented in 2 nd International Conference on Recent Trends in Engineering Science and Management on <i>Study of Manufacturing of Titanium Knee Implant by using Additive Manufacturing, Power Metallurgy, and Conventional Machining</i> , Indian International Center, New Delhi. ISBN: 978-81-932074-3-7
2016	Paper presented in 2 nd International Conference on Trends in Engineering Science and Management on <i>Modification and Implementation of Lower Link Bush Press Machine</i> , Indian International Center, New Delhi. ISBN: 978-81-932074-3-7
2016	Paper presented in 2 nd International Conference on Trends in Engineering Science and Management on <i>Study of Methodology of Overall equipment efficiency</i> , Indian International Center, New Delhi. ISBN: 978-81-932074-3-7
2013	Paper presented in International Conference on <i>Application of Quality Function Deployment for Quality product and Industrial Excellence</i> , Chandwad, Nashik, 3 rd Feb 2013 Institute of Technology & Research Centre.
2010	Paper presented in International Conference on <i>Computational Intelligence & application (ICCA) on Effect of Partical Size Distribution on Errosion weat of Cast Iron in Semi-Solid</i> , 3 rd March 2010 to 4 th March 2010 at Sandip Institute of Technology & Research Centre.
2010	Paper presented at International Conference on <i>Computational Intelligence & application (ICCA) on Design Analysis of Independent Suspension System</i> , 3 rd March 2010 to 4 th March 2010 at Sandip Institute of Technology & Research Centre.
2008	Paper presented on <i>Design & validation for mounded Liquid RGP / Propane storage bullets by using FEAA</i> , 21 st Dec 2008 at PREC, Loni, Dist.-Ahmednagar.
	Publication through National Conference

2010	Paper presented on <i>Analysis of Independent Suspension System</i> at National Conference: Recent Trends in Mechanical Engineering at MET's Institute of Engineering Nashik from 4 th March 2010 to 6 th March 2010.
2018	Paper presented on <i>Resistance Spot Welding Parametric Optimization</i> at National Conference: Recent Trends in Mechanical Engineering at SPCOE, Otur, Dist.-Pune from 26 th Feb. 2018 to 27 th Feb. 2018.

8. Various National / International Conference Attended

- Regional Conference on *21st Century Challenges in Engineering Education* at AIT, 21st Dec 2002.
- National Conference on *Intelligent Manufacturing systems* at Coimbatore Institute of Technology, 6th & 7th Feb98.
- National Seminar on *Problems & Prospects of rural development*, 16th Nov 97.

9. International / National Memberships

- Life time Member of Indian Society for Technical Education. LM-26075
- Member of Institution of Automobile Engineering.
- Member of Institution of Engineers, India, M- 140293
- Associate Member of Institution of Valuers, AS-9289
- Member of Indian Society of Heating & Air Conditioning Engineers.

11. STTP/FDP Participation

Sr. No.	Title of STTP	Duration	Location
1	Patenting for Innovations	25 th May to 28 th May2020	Sanjivani College of Engineering Kopargaon.
2	Vehicle Dynamics & Control with MATLAB	12 th May to 17 th May 2020	ARAI, Pune
3	Decoding examination during and post Covid 19	8 th May 2020	Zovy studios Pune
4	Revolution in Engineering Education	4 th May to 8 th May2020	Sandip University, Nashik
5	Adopting Latest Methodologies to Enhance Overall Performance of Engineering Faculty	5 th Feb. to 9 th Feb.2018	LGMIEEE&R, Nashik

6	Effective Teaching, Personal Effectiveness & Skill matrix Enhancement for quality Technical Education	26 th Oct. 2009 to 6 th Nov.2009	Amritvahini College of Engineering
7	Recent Trends in CAD/CAM/CAE	25 th Oct. 2004 to 6 th Oct 2004.	Amritvahini College of Engineering.
8	Fundamentals of Naval Architecture	1 st March1998 to 10 th March 1988	Institute of Shipbuilding Technology, Goa

12. Participation in Various Workshop

Sr.No.	Workshop Name	Location	Duration	Date
1	Smart Use of ICT Using WordPress	SNJB Chandwad	1 Day	11/05/2020
2	Comprehensive e-Learning to e-Training guide for Administrative Work	online	10 Days	25th May to 5June 2020
3	Strategies: Inculcating Budding Professionals on Entrepreneur Path	MET, Nashik	1 Day	14 th Dec.,2017
4	State Level Workshop on Academic and Administrative Audit	MET, Nashik	1 Day	14 th Dec.,2017
5	Principals / Directors Workshop	Spkal Knowledge Hub, Nashik	3 Day	2 nd ,3 rd ,and 4 th Sept. 2016
6	Workshop on Graduation Ceremony	K.T.H.M College ,Nashik	1 Day	9 th Jan., 2016
7	Principals / Directors Workshop	Sinhgad Institute, Lonavala	3 Day	3 rd to 5 th May, 2015
8	Workshop on Sexual Harassment of Women at Workplace		1 Day	8 th March, 2013
9	Awareness on ISO 9001 :2008		1 Day	8 th Feb., 2010
10	Workshop on Revision	AVCOE	1 Day	10 th Jan., 2004
11	Workshop for Restructuring & Revision	PVG, Nashik	1 Day	14 th Oct.,2003
12	Workshop on FPGA Design	IIT Mumbai	1 Day	30 th Oct., 2003
13	Workshop on CAPART		2 Days	13 th &14 th Feb2003
14	Awareness Program for Technical Staff	SVMEC	1 Day	19 th Oct. 2002
15	Workshop on Solar Energy Engg.	Govt. College of Engg.	1 Day	13 th March 2001
16	Workshop on Self Study Report (SSR) Writing	K.K.W. Engg. College , Nashik	1 Day	5 th Feb.1998

17	Machine Design & CAD	PREC, Loni	1 Day	30 th & 31 st August 93
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13. Various Training Undergone

- **Goa Shipyard Ltd.,** Vasco-da-Gama, Goa for a Period of **Three Months.**
- **Shirigao Shipyard,** Poirra, Bicholim, Goa for a Period of **Three Months.**
- **Mazgaon Dock Ltd.,** Bombay for a Period of **Six Months**

14. Personal Details

- **Language Knowns:** Marathi, English, Hindi, Konkani
- **Date of Birth:** 18th, December 1964.
- **Cast and Religion:** Hindu, Maratha

15. Self-Declaration

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

Place: Nashik

Date:

Dr. Chandrashekhar K. Patil