Curriculum Vitae

Name: Trishul Pandurang Kulkarni

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Aurangabad

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Date of Birth: 07/07/1982

Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
Ph.D.	Mechanical	Maharashtra Institute of Technology, Aurangabad	Dr BAMU, Aurangabad	Pursuing		
M.E./ M. Tech.	Production	College of Engineering, Pune	Pune University	2007	7.92 CGPA	Distinction
B.E./B.Tech.	Production	Marathwada Institute of Technology, Aurangabad	Dr BAMU, Aurangabad	2003	72.53 %	Distinction

M. Tech. Project

- Study and Analysis of Process Capability of Bearing Manufacturing System

Key Research Areas:

- Use of ICT in Teaching Learning

- Tribology

Experience

Sr. No.	Organization	Post	From To	No. of Years
1	Maharashtra Institute of Technology, Aurangabad	Assistant Professor	19th Sept 2011 till date	8.5
2	Metric Consultancy Ltd	Project Coordinator	28th March 2011 till 18th Sept 2011	0.5
3	Patni Computer Systems Limited, India	Software Engineer	17th September 2007 till 18th March 2011	3.5
4	Sanjeev Auto Parts pvt ltd Aurangabad	Graduate Engineer	1st January 2004 to 30 April 2005	1.3

List of Courses Taught/Teaching at UG level
- Manufacturing Processes-I and II
- Operation Research
- Industrial Management
- Metrology and Quality Control

List of Courses Taught/Teaching at PG level
- Reliability and Maintenance Engineering

Additional Assignments/Duties

- NSS programme officer from September 2013 till date
- Faculty advisor for Students' Council for year 2013-14

Membership of Professional Bodies

- Life Member of 'The Indian Society for Technical Education' LM 108801
- Senior Member of 'Indian Institution of Industrial Engineers' (IIIE) – SMIIE 10527(23)

- Member of International Association of Engineers – 159913

Research Projects/Projects Guided

- Guided / Guiding projects for UG as a part of academic load

Computer/Software Proficiency

Internet Technology	HTML, Java Script, XML, Servlets, JSP
Database	Oracle 9i, SQL, PL-SQL
Language	Java, R-environment for statistical computing
Operating System	Windows 9x, Windows XP, UNIX, Dos, Ubantu
LMS	MOODLE

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference Attended

Massive Open Online Courses

- MOOC: Learn MOODLE 3.8 Basics by MOODLE HQ in the Feb 2020
- MOOC: ET601Tx: Educational Technology for Engineering Teachers a course of study offered by IITBombayX , an online learning initiative of Indian Institute of Technology Bombay. This online course was conducted between 07 January - 07 March 2016.
- MOOC: Copenhagen Business School's online offering of "Social Entrepreneurship" with distinction in July 2015.
- MOOC: MacMaster university's online offering of "Experimentation for Improvement" with distinction in September 2014.
- MOOC :Case Western Reserve University's online offering of "Inspiring Leadership through Emotional Intelligence" in January 2015
- MOOC :GEORGIA INSTITUTE OF TECHNOLOGY'S online offering of "Introduction to Psychology as a Science" with distinction in January 2014
- MOOC :WESLEYAN UNIVERSITY'S online offering of "Social Psychology" with distinction in October 2013
- AICTE approved Four-Week Faculty Development Programme (FDP) on "Use of ICT in Education for Online and Blended learning" conducted by Indian Institute of Technology Bombay from May 2nd, 2016 to July 10th, 2016.

STTP

- Six Days Workshop on New Virtual Labs Development (BOOT Camp) conducted by VLabs IIT Bombay from 6th to 11th February 2019 at Maharashtra Institute of Technology, Aurangabad.
- One week short term training programme on "Robotics and Automation", during 15-19th June 2015, organized by department of Mechanical Engineering of P.E.S. College of Engineering, Aurangabad.
- Seven days "NSS Orientation" training program for NSS programme officer in Nov-2013 at Ahmadnagar college Ahmadnagar.

Work shop

- One day workshop on "Emotional Intelligence" in May 2013

International Conference

- 24th International Conference on Computers in Education, held between 28th Nov – 2nd Dec., 2016 at IITBombay, Mumbai
- 8th IEEE International Conference on Technology for Education, held between 2nd – 4th Dec., 2016 at IITBombay, Mumbai
- International Conference on Materials and Environmental Science (ICMES-2018) December 07- 08, 2018 Kolhapur (India)

National Conference

- Materials for Advanced Technology and Applications, MATA-2019, 22-23 August, 2019, Maharashtra Institute of Technology, Aurangabad.

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference organized

- Organized 'Tarunyabhan' a workshop for students in the year 2013, 2015, 2018 and 2019. It is a three days workshop on adolescent education addressed by Padmashree Dr Rani Bang
- One week refresher course organized on "Use of ICT for effective Teaching Learning Process" at Maharashtra Institute Of Technology from 8th to 12th Jan 2019
- One week FDP organized on "Use of ICT for effective Teaching Learning Process" at Maharashtra Institute Of Technology from 27th June to 1st July 2017

Invited talks delivered

- Talk delivered on 'Emotional Intelligence' at Six day FDP on Empowering Faculty in English Communication and Soft Skills organized by Maharashtra Institute of technology, Aurangabad

List of Research Publications

Papers in National/ International Journal

- Training through Blended Mode in ICT for Effective Teaching Learning Process, Chronicle of Humanities and Cultural Studies, 2019, Vo. 5, Issue. 1, pp. 119-121.
- Analysing the Impact of MOODLE and its Modules on Students Learning, a Case Study in Mechanical Engineering, published in Journal of Engineering Education Transformations 32 (3), 56-61 in January 2019
- Wear Performance Analysis of Cottonseed Oil as a Lubricant with Boric Acid Additive, International Journal of Innovative Research in Science, Engineering and Technology, Volume 6, Issue 4, Pages 6804-6810, 2017

Papers in National /International Conference Proceedings

- Paper entitled "Integrated learning Model: Combining MOOC and Classroom Teaching for effective Learning", published in International Conference on Scholarly Communication and Knowledge Management in Higher Educational Institutions (ICSKH 2014) in November 2014
- Dielectric behavior of Cr substituted cobalt ferrite nanoparticles, Materials for Advanced Technology and Applications, MATA-2019, 22-23 August, 2019, Maharashtra Institute of Technology, Aurangabad.

NPTEL Certification

Start Date	End Date	Duration (in Weeks)	Course Name	Marks (Out of 100)	Performance
July 2019	Sept 2019	8 Weeks	Course Design and Instruction of Engineering Course	79	Elite Silver
Feb 2019	Mar 2019	4 Weeks	Teaching and Learning in	79	Elite Silver

			Engineering (TALE)-I			
July 2017	Aug 2017	4 Weeks	Outcome Based Pedagogic Principles for Effective Teaching	81	Elite	

Awards, Achievements and Recognition

- Virtual Lab 'Machine Tool' is hosted on national portal (http://vlabs.iitb.ac.in/vlabs-ev/labs/mit_bootcamp/engg_physics/labs/exp1/index.php)

- Designated as virtual lab reviewer for Vlabs, an MHRD Govt of India Initiative

- Designated as mentor of virtual lab Bootathon, 4-10 November 2019, Banda, Uttar Pradesh, India

- Received Silver Certification for the development of Virtual Lab 'Machine Tools' in Mechanical Engineering from VLabs IIT Bombay.

- Conferred an "Award of Excellence" by IITBOMBAYX for being top performer among the FDP participants under the National Mission on Education through ICT(MHRD)

- Certificate of Excellence for outstanding contribution towards the "GE GDC Governance" in January 2011 at Patni Computers Ltd.

- Team Award at Business Unit Level for the month of August 2008 at Patni Computers Ltd

Date: 25 Feb. 2020

Place: Aurangabad