

RESUME

BAGWAN JAMEER KHALEEL

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PERSONAL PROFILE

I am a loyal, talented and caring teacher who loves making a difference in the lives of students. I am open-minded, patient and supportive towards other people, especially towards students. In my previous roles as a Teacher, I have learned to taught and nurtured students from all backgrounds, successfully preparing them for the next stages of their young lives.

CAREER OBJECTIVE

Aspiring to work with an organization that offers a challenging career where I can learn and function effectively and contribute towards organizations goals. To constantly upgrade my knowledge and skills and make a difference in whatever I do with sheer determination, dedication and hard work.

ACADEMICS

Examination	College	Board/University	Year of Passing	Percentage /CGPA	Grade
Ph.D. (Production Engg.)	COEP	S.P.P.U.	Topic Registered (28/03/2018)	Synopsis submitted 30/08/2022	--
M-Tech (mfg. Engg. & auto.)	College of Engineering, Pune	SP Pune University	Aug 2016	8.24	Distinction
BE (Production)	KIT College of Engineering	Shivaji University Kolhapur	Aug 2014	70.05%	Distinction
HSC	S. M. L. Jr. College	Kolhapur (State)	July 2010	71.83%	Distinction
SSC	Jawahar Nagar High-School	Kolhapur (State)	June 2008	80.46	Distinction

COMPUTER SKILLS

- Microsoft office, Minitab
- AUTOCAD, CATIA V5 R19

PUBLICATION AND CONFERENCE

- J.K. Bagwan, B.B. Ahuja, Progress Toward Laser Based Scaffold Fabrication for Bone Tissue Engineering, Lasers in Engineering, Volume 53, Issue 3-4, Page No. 171-196.

- J.K. Bagwan, B.B. Ahuja, Understanding And Investigating Rheological Properties Of HA/ β -TCP Bio-Ceramic Composite Ink For Extrusion-Based Additive Manufacturing Process To Fabricate Bone Scaffold. ICAME-2022, 23-25 June, 2022
- J.K. Bagwan, B.B. Ahuja, The Influence Of Rheology In The Fabrication Of Ceramic-Based Scaffold For Bone Tissue Engineering. (ICAMAT-2022), COEP, 5-6, June 2022 and Succeeded for IJMR SCI indexed Journal.
- J.K. Bagwan, Kishore Jawale, B.B. Ahuja, Optimization of 3D printed osteochondral tissue geometries using finite element analysis, Materials Today: Proceedings, Volume 45, Part 6, 2021, Pages 5197-5201, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2021.01.704>.
- J.K. Bagwan, B.B. Ahuja, A.V. Mulay, Kishore J. Jawale, Geometrical analysis of extrusion based (Additively Manufactured) 3D designed scaffold for bone tissue Engineering: A finite element approach, Materials Today: Proceedings, 2021, , ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2021.09.049>.
- J.K. Bagwan, B.B. Ahuja, "The role of Lasers' in the Fabrication of Scaffold for Bone Tissue Engineering, AFTMME-2020, IIT Roprar.
- Pankaj Gaigole, S. G. Kale, J. K. Bagwan, Rajiv B., Dr. B.B. Ahuja, "Simultaneous optimization of machining process parameters of Near-Dry rotary EDM using Grey Relational Analysis", Optimization methods in Engineering, Lecture notes on multidisciplinary Industrial Engineering, Springer book series (2019). https://doi.org/10.1007/978-981-15-4550-4_13.
- Bagwan Jameer Khaleel, M. N. Shaikh, Dr. Rajiv B., Dr. B. B. Ahuja, "Machinability of cryogenically treated workpiece (AISI M2 HSS) in EDM Process", Manufacturing Technology Today (MTT) Journal, ISSN No-09727396 Vol no 17, Page No 3-7.
- Bagwan Jameer Khaleel, M. N. Shaikh, Dr. Rajiv B., Dr. B. B. Ahuja, "Comparative experimental investigation of cryogenically treated tool and work piece with conventional EDM process", International Conference on Manufacturing Technology and Simulation, 7th – 8th July, 2017, IIT Madras.

ACHIEVEMENTS

- Scored 100% in an Online Quiz on "Computer Aided Engineering Drawing" organized by Department of Mechanical Engineering, K.I.T's College of Engineering Autonomous, Kolhapur, on 5/26/2020.
- GATE 2014 securing AIR-357.
- Participated in the COEP 4th Guinness world record (largest floating Image) attempted on 2nd April 2016.

EXPERIENCE AND TRAINING

Name of College/	Designation	Training Period	Details
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Industry			
College of Engineering Pune	Full Time Adjunct Professor	1/04/2022 to 30/06/2022	Worked as a full time Adjunct Professor and engaged in curriculum design, teaching, learning and performed research.
College of Engineering Pune	Trainee Teacher (AICTE's Scheme)	15/03/2017 to 30/06/2020	Worked as faculty and performed tasks like curriculum design, teaching, learning and administrative tasks. Taught Subjects like Robotics and Automation, Fundamentals for Robotics, Robotics and Manufacturing Automation, Manufacturing System Design, Reliability for M Tech, and Robotics, Terotechnology and Product and Systems graphics for B Tech.
P. G. Moze College of Engineering, Wagholi, Pune	Assistant Professor (Adhoc)	01/09/2016 to 14/03/2017	Taught Subjects such as Material Science. Manufacturing Processes for UG mechanical Engineering. Lab In charge of Material Science Laboratory and Library.
LAXMI PUMP PVT.LTD.	Trainee	01/06/2013 To 15/06/2013	Company works in the profile of supplying submersible motors and pump sets.

PROJECTS

- Ph.D. Dissertation Title :- Investigation of biocompatible material for Bone Scaffold Fabrication.
- M.Tech Dissertation:- Performance evaluation of cryogenically treated electrode and work piece on EDM.
- B.E. Project :- Optimization of process parameter of argon gas welding using 310-stainless steel of T-joint.

PARTICIPATED/ATTENDED WORKSHOP/FDP/STTP

- Participated in the webinar "**Online Teaching-learning and Online assessment demo**" by Inpods on **9th June 2020**.
- Participated in the online FDP course on "**Promoting Quality Cultures in Technical Institute**" AISSMS College of Engineering Pune, during **25th May to 29th May 2020**.
- Participated in the online FDP course on "**Signal, Image and Video Processing : A Practical Approach**" Government College of Engineering, Karad, during **26th May to 30th May 2020**.
- Attended the webinar "**CO-PO Attainment Computation and Outcomes Analysis**" by Inpods **29th May 2020**.
- Participated in the online STTP's course on "**Bio-energy: Technology and Transition**" NIT, Kurukshetra and Government Engineering College, Bikaner during **18th May to 22th**

May 2020. Participated in the online FDP course on "**Design for Additive Manufacturing with Optimization & Digital Manufacturing Processes**" by PELF INFOTECH, Pune during **9th April 2020 to 11th April 2020.**

- Participated in the CEP course on "**Analysis of Research Problems through Design of Experiments**" at IIT Bombay during **30th December 2019 to 3rd January 2020.**
- Participated in One week Faculty development program on "**Nanomaterials-Synthesis, properties and characterization**" organized by the Department of metallurgy and Materials Science, COEP, Pune during **16th to 20th December, 2019.**
- Successfully completed NPTEL course on "**Biomaterial for bone Tissue Engineering Application**" with a consolidated score of 73%(Elite) between July-Sept. (8 week course) 2019.
- Participated in Gian course on "**Technology-based engineering Entrepreneurship development programme and advanced manufacturing process**", by Prof. Ioan Marinescu, at Department of Production Engineering and Industrial management, College of Engineering, Pune during **24th to 5th July 2019.**
- Participated in Gian Course on "**Emerging frontiers in Research and Innovation in poro-biomechanics and medical devices**", at VNIT, Nagpur during **11th to 15th march 2019.**
- Attended workshop on "**3D simplified Mathematics**", organized by the Department of Mathematics, College of Engineering Pune during **16th-17th February,2019.**
- Participated in TEQIP workshop on "**3D printing in Medicine**", organized at IIT Hyderabad between **July 16th -21st 2018.**
- Participated in **three days** Faculty Development Program on "**Autodesk Fusion 360™**" organized by Autodesk, Pune from **28th May 2018 to 30th May 2018.**
- Participated in **one day seminar** on "**Additive Manufacturing: 3D printing of metals**" jointly organized by Department of metallurgy and Materials Science and Production Engineering and Industrial management, College of Engineering Pune on **28th March 2018.**

EXTRA CURRICULAR ACTIVITIES

- Exceptional contribution in "Smart India Hackathon, Theme: Security and Surveillance, Hardware Edition Grand Finale during June 18th-22nd, 2018 at College of Engineering, Pune.

PERSONAL DETAILS

Date of Birth : 3rd May 1993
Address : 608/71, B Ward, Salokhe Park, Near Shenda Park, Kolhapur-416012.
Nationality : Indian.
Languages Known : English, Hindi and Marathi.

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

PLACE: Kolhapur

DATE:14/11/2022

Bagwan Jameer Khaleel