



RAVIKUMAR BEERANUR


ASSOCIATE PROFESSOR

CONTACT

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 Mysuru, Karnataka

Google Scholar ID:

ORCID ID:

Professional Experiences:

Teaching:19

Industry:03

Research:02

Courses Taught:

1. Fluid Power system (Hydraulic and Pneumatic systems)
2. Robotics and Numerical Control
3. Operation Management
4. CAD/CAM
5. Operation Research
6. Computer Aided Engineering Drawing
7. Mechanical Engineering Science,
8. Automotive Engineering
9. I C Engine
10. Power Plant Engineering
11. Manufacturing Process I. II. III

ABOUT ME

I received Master's degree in the area of Manufacturing Engineering from IIT Bombay, Mumbai, India in 2012 and BE in Mechanical Engineering from Basaveswar Engineering College Bagalkot under Karnataka University Dharwad in 1998. My primary research interest includes in the area of Advance Manufacturing processes like Brazing of Ceramic and metal, other interested areas are plant layout simulation, automation and applications of laser manufacturing. I have published 08 research papers in international journals and conferences. I am a resource person for giving training on fluid power system. I have Guinness world record and also India Limca Book of records india in rubic cube solution in 2012.

RESEARCH INTERESTS:

My primary research interests are in Advance manufacturing process such as joining of metals, Metal and ceramic, Industrial Automation, Computer Numerical Control, Modelling and simulating process, terrace gardening. I have few research publications on brazing of metal and ceramics.

EDUCATION

- Ph.D – Mechanical Engineering
Research Centre/University Name: VTU
Year of Graduation : Pursuing
- M.E/M.Tech. –Manufacturing Engineering
Indian Institute of Technology
Year of Graduation :2012
- B.E., - Mechanical Engineering
Basaveshwar Engineering College ,Bagalkoti
Karnataka University, Dharwad
Year of Graduation :1997

PUBLICATIONS

1. Manoj.G, Ravikumar Beeranur, K. R. Prakash(2018):"Designing a software test automation framework for windows application using coded UI Visual Studio tool and page object design", i-Manage's Journal on software engineering, 12(4), 1-6
2. K.R.Prakash, Ravikumar Beeranur, Pradeepkumar.(2017): " Development of Etch Surface on EUS Needle", International Journal of Research , 04 (08), 786-791.
3. Ravikumar Beeranur, Sachin R.S (2015):," Design and Automation of HSU Assembly Station By Poko Yoke", International Journal of Engineering Research and Technology (IJERT), Vol. 4 (06),984-990.
4. H.S. Mohan,T.P. Bharathesh, K.V. SreenivasRao, Ravikumar Beeranur (2015):"Laser Assisted Brazing of Ceramic and Titanium alloy using Ag-Cu Filler material", Journal of Applied Mechanics and Materials, Trans Tech Publication Switzerland, 766-767, 751-756.
5. Ravikumar Beeranur, Kiran K Waghmare, Ramesh kumar Singh (2014): " Characterization of Vacuum Brazing of SS 304 and Alumina ceramic with Active Brazing Alloy" , AMME, Procedia Material Science, 5, 969-977

CONFERENCE PROCEEDINGS

- 1.RavikumarBeeranur, Kiran K Waghmare, Ramesh kumar Singh (2013): "Characterization of Vacuum Brazing of Ti6Al4V And Alumina With Cu-Ag Brazing Alloy via Substrate-Induced Reactive Mechanism", ASME MSEC Conference, University of Wisconsin, Madison,USA, 2013
2. RavkumarBeeranur, H.S. Mohan(2013): "Laser Assisted Brazing of Ceramic and Titanium alloy using KM72 filler materials", proceedings of International conference emerging trends in engineering and technology, IC(ET)2sep 2013, Munnar, kerala, India, vol (1),PP 184-189
3. Ravikumar Beeranur, Kiran K Waghmare, Ramesh kumar Singh (2014):" Characterization of Vacuum Brazing of SS 304 and Alumina ceramic with Active Brazing Alloy" proceeding of International conference on Advances in Manufacturing and Materials Engineering, (AMME 2014),, NITK Surathkal, Karnataka, India. 27th -29th march 2014

FDP/STTP/ WORKSHOPS/CONFERENCES/SEMINARS ATTENDED:

1. Attended Two weeks Industrial Training Program on" Internet of Things (IOT) & Programmable Logic Controller (PLC) held from 11/07/2022 to 23/07/2022 at Government Tool Room Training Center (GTTC), Mysuru, Karnataka.
2. Presented a paper title "Automated Quality Inspection of Printed Circuit Board" in International Conference on sustainable materials, manufacturing and industrial engineering (ICSMMIE-2022), Organized by the Department of Industrial Engineering and Management, SIT, Tumakuru, Karnataka, India. On 02 july 2022.

OTHER INFORMATION:**(Patents Filed/ Membership/Administration/Consultancy/Evaluator/Research Guidance and funding/Awards/Key Roles/Invited Talks Delivered, etc)**

1. Recognized as NPTEL DICIPLINE STAR JUL-DEC 2022
2. Recognized as NPTEL MOTIVATDLEARNER JAN-APR 2023
3. Resource person for L&T newly recruited trainees in 2023
4. Resource Person for training on Hydraulic and Pneumatic to Bhutan TTI faculties in 2023
5. Life Member of THE INDIAN SOCIETY FOR TECHNICALEDUCATION SINCE 2017
6. VTU Board of Examination (BOE) Committee member in 2021-22