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**Mr. ANAND C. MATTIKALLI**

**OBJECTIVE:**

To utilize knowledge and skills acquired during my post graduation and Graduation for the growth of the organization and self development.

**WORK EXPERIENCE**

**Teaching Experience: 21 years**

**Industrial Experience : 1 year**

S No	Organization	Designation	No of years
1	Kalyani carpenter special steels limited. Pune	Maintenance officer	01year
2	Maratha Mandal Engineering college, Belgaum	Asst. Prof	21 years

**ACHIVEMENT:**

Secured **First Rank with Gold Medal** to the university in M.Tech in Design Engineering

Secured 2nd rank to department in 4th semester of B.E course

Secured 2nd rank to department in 8th semester of B.E course

**EDUCATIONAL QUALIFICATION:**

**M. Tech in Design Engineering**

University : Visveswaraiah Technological University, Belgaum.

College : K.L.E. College of Engg, Belgaum.

Aggregate : **83.65 %**

## **B.E. in Industrial Production**

University : Karnataka University Dharwad, Karnataka.  
College : **Gogte Institute of Technology, Belgaum.**  
Aggregate : **83.57 %**

### **RESPONSIBILITIES HANDLED:**

1. P G Coordinator
2. Research center coordinator
3. MESSA coordinator
4. Project and Seminar Co-Ordinator.
5. In-Charge Design laboratory.
6. Daily and Weekly report Co-Ordinator.
7. In-Charge Design Lab
8. Departmental Library incharge
9. Result Analysis co-ordinator,
10. NBA & NAAC coordinator.
11. Internal Assessment test Coordinator

### **Membership of professional bodies/associations :MISTE, ASME**

### **PAPER PRESENTATION/PUBLICATIONS:**

1. Presented paper“ A free vibration analysis of Annular Plate” in National conference on “Sustanibility and social comfort-strategizing Design and Manufacturing” held at VNRVJIT, Hyderabad, Andra Pradesh on 19<sup>th</sup> -20<sup>th</sup> Jan, 2009.

2. A Presented paper titled “Angled bar power transmission system” in National Conference on Exhibited Models of Project Innovation and Research in Engineering held at Sanjay Bhokare Group of Institutes, Faculty of Engineering, and Management Miraj on15th to 16th March 2014

3. Published paper titled “Gearless Power Transmission-Offset Parallel Shaft Coupling”, International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 3 Issue 3, March – 2014

4. Published paper titled “Gearless Power Transmission- L Pin Coupling” in International Journal of Ethics in Engineering & Management Education ISSN: 2348-4748, Volume 1, Issue 5 2, May 2014

5. Published paper titled “Analysis and structural optimization of 5 ton H-frame hydraulic press” in International journal of Innovative Science, Engineering and technology. ISSN 2348-7968, Volume 1, Issue 5, July2014.

6. Published paper titled “The effect of force parameter on Profile ring rolling process”, International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 4, Issue 5, May – 2015

7. Published paper titled “Design and Analysis of Flange coupling”, International Journal of Engineering Research & Applications (IJERA) ISSN: 2248-9622 Vol. 5, Issue 7, July – 2015

8. Published paper titled “Non linear simulation of Engine Bracket under Dynamic load”, International Journal of Advance Research in Science and Engineering (IJARSE) ISSN: 2319-8354 Vol. 4, Issue 8, August – 2015

9. Published paper titled “Experimental study of Mechanical properties of Glass and Carbon fibers”, International Journal for Scientific Research and Development (IJSRD) ISSN[online]: 23210613 Vol. 3, Issue 6, August – 2015

10. Published paper titled “An Overview of Strength Improvement of a Bus Body Structure with Design Modifications”, International Journal of engineering and technology (IJRET) ISSN:2395-0056, Vol.03, Issue 10, Oct – 2016

11. Published paper titled “Finite element analysis of engine mounting bracket ”, International Journal of engineering and technology (IJRET) e-ISSN:2395-0056, p-ISSN:2395-0072,Vol.05, Issue 10, May – 2016

12. Published paper titled “Design and analysis of engine and chassis mounting bracket”, International journal of recent trends in engineering and research, volume 2, issue 10, ISSN:2455-1457,Oct-2016.

13. Published paper titled “Design and analysis of single stage helical gear box casing”, International journal of recent trends in engineering and research, volume 2, issue 10, ISSN:2455-1457,Oct-2016.

14. Published paper titled “Design And FE Analysis Of Composite Grid Structure For Skin Stiffening Applications”, International Research Journal of engineering and technology (IRJET) e-ISSN:2395-0056, p-ISSN:2395-0072,Vol.04, Issue 07, Aug – 2017

15. Published paper titled “Optimization of tile cutter blade using FEA”, International Journal of Research engineering and technology (IJRET) e-ISSN:2395-0056, p-ISSN:2395-0072,Vol.04, Issue 10, Oct – 2017.

16. Published paper titled “Failure analysis of expansion joints (bellows)”, International Research Journal of engineering and technology (IRJET) e-ISSN:2395-0056, p-ISSN:2395-0072,Vol.04, Issue 07, Sep – 2017

17. Published paper titled “Analysis Of Annular Plate By Using Numerical Method”, IJSET - International Journal of Innovative Science, Engineering & Technology, ISSN (Online) 2348 – 7968Vol. 5 Issue 1, January 2018

18. Presented paper titled ” Finite Element Analysis Of Free Vibration Of An Annular Plate” in International Conference on Design, Materials & Manufacture (IcDeM 2018) at National Institute Of Technology Karnataka, Surathkal Mangalore DK-575025, Karnataka January 29-31, 2018

19. Published paper titled “Design And Analysis Of Two Wheeler Connecting Rod Using 3 Different Materials”, ”, International journal of recent trends in engineering and research, volume 4, issue 4, ISSN:2455-1457,Apr-2018.

20. Published paper titled “Modal And Harmonic Response Analysis Of Two Wheeler Connecting Rod Using 3 Different Materials”, International journal of recent trends in engineering and research, volume 4, issue 4, ISSN:2455-1457,Apr-2018.

21. Presented paper titled " Finite Element Based Investigation Of Aluminum Annular Plate For Static And Dynamic Behaviour" in 9th International Conference on Materials Manufacturing and characterization (ICMPC 2019) at Gokaraju Rangaraju Institute Of Engineering and Technology Hyderabad, March 08-10, 2019

22. Presented paper titled " Numerical Method Based Parametric Investigation Of Isotropic Annular Plate" 2019 First International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2019) at KLE Dr. M.S. Sheshgiri College of Engineering & Technology, Belagavi, 12 - 14, September 2019

23. Published paper titled "Finite Element Based Investigation of Aluminum Annular Plate for Static and Dynamic Behaviour" published in the Elsevier's Materials Today: Proceedings, 18 (2019) 3435–3444

24. Published paper titled "Numerical Method Based Parametric Investigation of Isotropic Annular Plate", published in the Elsevier's Materials Today: Proceedings 27 (2020) 376–381

25. Published paper titled "Design and Analysis of Composite Top Frame of Hydraulic Valve Test Bench", International Research Journal of engineering and technology (IRJET) e-ISSN:2395-0056, p-ISSN:2395-0072, Volume: 06 Issue: 06 | June 2019.

26. Published paper titled "Devastation Tolerance Design of the Wing Spar of a Transport Aircraft", International Journal of Advance Research and Innovative Ideas in Education, Paper Id: 13614, Volume-7 Issue-1 2021

27. Published paper titled "Skin Instabilities in Honeycomb Structures of an Aircraft Wing", International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 08 Issue: 08 | Aug 2021.

28. Design And Analysis Of Profile Ring Of End Connector Rolling Process. (Paper Accepted)(International Conference On Mechanical, Materials And Renewable Energy( Icmme ) Espoo, Finland.

## **CONFERENCES/TRAINING PROGRAM/WORKSHOP ATTENDED:**

- 2019 First International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2019) at KLE Dr. M.S. Sheshgiri College of Engineering & Technology, Belagavi, 12 - 14, September 2019
- ICT Academy Bridge 2019-Bengaluru, Largest Industry Institute interaction program in Asia on 24th Sep 2019
- 9th International Conference on Materials Manufacturing and characterization (ICMPC 2019) at Gokaraju Rangaraju Institute Of Engineering and Technology Hyderabad, March 08-10, 2019
- International Conference on Design, Materials & Manufacture (IcDeM 2018) at National Institute Of Technology Karnataka, Surathkal Mangalore DK-575025, Karnataka January 29-31, 2018
- National conference on “Sustainability and social comfort-strategizing Design and Manufacturing” held at VNRVJIT, Hyderabad, Andra Pradesh on 19th -20th Jan, 2009.
- Workshop on Advanced materials and nanotechnology for research and engineering conducted at SCET, Belagavi from 4th - 7th June 2015
- Workshop on “Composites and their applications” conducted on 14<sup>th</sup> -15<sup>th</sup> March 2014 at Basaveshwara Engineering college, Bagalkot
- Participated in the “High Impact Teaching Skill” Training program conducted by Mission10x, Wipro from 18<sup>th</sup> -22<sup>nd</sup> Jan 2010
- Undergone 2 months Industrial training at OTPL, Belgaum.

**Number of PG projects Guided: 18**

**Number of KSCST sponsored projects guided: 02**

## **PROJECT/SEMINAR:**

### **Seminars on:**

- Tribological Failures.
- Composite Sandwich Panel for light weight vehicle chassis.

### **Undergraduate project:**

Scheduling for a Multiproduct Flow line for Hyloc Hydrotechnic Pvt. Ltd, Belgaum.

### **Postgraduate project:**

A study on Static and Free Vibration Analysis of Annular plate.

## **SOFTWARE SKILLS:**

Modeling softwares : Pro-E, AutoCAD

Analysis softwares : Ansys, Matlab

Cad/Cam softwares : Capsturn, Capsmill

Operating Systems : Windows98/XP/2000

Languages : C, Visual FoxPro, MS office

## **PERSONAL INFORMATION:**

Nationality : Indian

Sex : Male

DOB : 03/01/1977

Marital Status : Married

Languages : English, Hindi, Kannada, Marathi

I hereby declare that the above mentioned information is correct to the best of my knowledge.

PLACE:

(Anand C Mattikalli)