

RESUME

Address for Communication: 224 – West Street, Sengunthapuram, Chithode (PO), Erode – 638102. Tamilnadu, India.	Dr. M. Bhuvanesh Kumar bhuvanesh85@gmail.com Mobile No.: +91 9894711713	
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Objective:

Desired to work with an outstanding organization where I can utilize my skills to the maximum for the development of the organization and myself and to create a motivating environment with an extrovert attitude.

Education:

Degree	Institution	Name of the University	Month & Year of Passing	% of Marks	Class
B.E	S.S.M.College of Engineering, Komarapalayam.	Anna University, Chennai.	June' 2006	75	1st class (Distinction)
M.E	Government College of Technology, Coimbatore.	Anna University, Chennai.	June' 2009	73	1st class
MBA	Sikkim Manipal University	Sikkim Manipal University	Oct' 2013	68	1st class
Ph.D	Kongu Engineering College, Perundurai.	Anna University, Chennai.	Oct' 2018	88	-

Teaching Experience: 9 years 03 months

Name of the College	Designation and Department	Period		Experience	
		From	To	Year	Month
Kongu Engineering College, Perundurai. (Autonomous - NAAC-A accredited, NBA-Tier I)	Assistant Professor, Mechanical Engineering	2/06/2010	till date	09	03

Industry Experience: 1 year 09 Months

Name of the employer and address	Designation and Nature of works	Period		Experience	
		From	To	Years	Months
Indus Refrigeration Private Limited, Chennai.	Design Engineer	1/08/2006	31/7/2007	01	00
Infosys Technologies Limited, Mysore.	System Engineer	24/8/2009	23/4/2010	-	09

Research Publications in International Journals:

1. **Bhuvanesh Kumar M** & Parameshwaran R, 2020, "Fuzzy weighted geometric mean approach based FMEA to prioritize lean failure modes in manufacturing industries", International Journal of Manufacturing Technology and Management, Vol. 33, pp. 398-427. **(IF-0.8)**
2. **Bhuvanesh Kumar M**, Manikandan K, Gokul Santhosh V & Gokul K, 2020, "Design And Fabrication Of Irrigation Channel Maker For Agricultural Lands", International Journal of Scientific & Technology Research, Vol. 9, pp. 3159-3162. **(Scopus)**
3. Vijay Anand M, Vijayakumar KCK, Murugan PC & **Bhuvanesh Kumar M.**, 2019, " Prevalence Of Wrist, Neck And Shoulder Pain Symptoms Among Ironing Workers In Occupational Laundry Shop", International Journal of Scientific & Technology Research, Vol 8, Issue 11, 740 – 744. **(Scopus)**
4. **Bhuvanesh Kumar M** & Parameshwaran R, 2018, "Fuzzy integrated QFD, FMEA framework for the selection of lean tools in a manufacturing organisation", Production Planning & Control, Vol. 29, pp. 403-417. **(IF-2.33)**
5. **Bhuvanesh Kumar M** & Parameshwaran R, (In press), "A comprehensive model to prioritize lean tools for manufacturing industries: A fuzzy FMEA, AHP and QFD based approach", International Journal of Services and Operations Management. (Listed in forthcoming articles)
6. Varatharaj Kannan S., Yogasundar S.T., SurajSingh R., Tamilarasu S., & **Bhuvanesh Kumar M.**, 2014, "Rapid Prototyping of Human Implants with Case Study", International Journal of Innovative Research in Science, Engineering and Technology, Vol 3, Issue 2, 319-324.
7. Prabhuthirumoorthy S., Poornachandran K.V., **Bhuvanesh Kumar M** & Parmeshwaran R., 2014, " Study on Implementation of Lean Principles in a Small Scale Enterprises", International Journal of Advanced Research in Mechanical and Production Engineering, Vol 1, Issue 2, 63 – 95.

Research Publications in National/International Conferences:

1. Gowtham MP & **Bhuvanesh Kumar M**, 2017, 'Productivity Improvement Model Using Lean Principles Focusing on Steel Manufacturing Industry', Proceedings of International Conference on Recent Advances in Mechanical Engineering, Government College of Engineering, Salem.
2. **Bhuvanesh Kumar M** & Manoj Kumar E, 2016, 'Performance Improvements through Value Stream Mapping in a Steering Knuckle Manufacturing Industry', Proceedings of First International Conference on Futuristic Innovations in Mechanical Engineering and Manufacturing Engineering and Manufacturing Management, M.Kumarasamy College of Engineering, Karur.

3. **Bhuvanesh Kumar M** & Manoj Kumar E, 2016, 'Reduction of Non-Value Added Activities Through Fuzzy FMEA Approach – A Case Study in Steering Knuckle Manufacturing Industry', Proceedings of International Conference on Building and Mechanical Sciences, SNS College of Technology, Coimbatore.
4. **Bhuvanesh Kumar M**, Devaraj P & Somasundaram A, 2016, 'Waste Identification in Apparel Industry Using Value Stream Mapping', Proceedings of International Conference on Science, Technology, Engineering and Management, Jeppiaar Engineering College, Chennai.
5. Devaraj P, **Bhuvanesh Kumar M** & Somasundaram A, 2016, 'Waste Identification in Apparel Industry Using Lean Manufacturing Techniques', Proceedings of International Conference on Sustainable Materials, Design and Applications, Kongu Engineering College, Erode.
6. Karthikeyan K, Deepan S & **Bhuvanesh Kumar M**, 2015, 'Reduction of Various Wastes Through Value Stream Mapping in a Small Manufacturing Enterprise', Proceedings of National Conference on Innovations in Mechanical, Mechatronics & Building Sciences, Kongu Engineering College, Erode.
7. Deepan S, Karthikeyan K & **Bhuvanesh Kumar M**, 2015, 'Adaption of Lean Principles in a Small Scale Industry - A Case Study of Casting Industry', Proceedings of National Conference on Innovations in Mechanical, Mechatronics & Building Sciences, Kongu Engineering College, Erode.
8. **Bhuvanesh Kumar M** & Karthikeyan K, 2015, 'Optimization of production flow in a pipe manufacturing industry with the help of lean tools – a case study', Proceedings of National Conference on Advances in Civil and Mechanical Engineering, Senguntahr Engineering College, Tiruchengode.
9. **Bhuvanesh Kumar M** & Karthikeyan K, 2015, 'Performance improvements through value stream mapping in a pipe manufacturing industry', Proceedings of International Conference in Synergistic Evolutions in Engineering, Surya Engineering College, Erode.
10. **Bhuvanesh Kumar M** & Prabhu Thirumoorthy S, 2014, 'Production optimization in plastic processing industry using lean principles', Proceedings of National Conference on Advances in Mechanical Engineering'14, Mepco Schlenk Engineering College, Sivakasi.
11. Baaskaran N, P.Navaneethakrishnan & **Bhuvanesh Kumar M**, 2013, 'Design of serial manipulator using pantopteron mechanism for welding automation', Proceedings of National Conference on Innovations in Mechanical, Mechatronics & Building Sciences, Kongu Engineering College, Erode.
12. T.M.Sakthi Muruga, Ibrahim Sherif K A & **Bhuvanesh Kumar M**, 2012, 'Diagnosis of multiple defects in raceways of ball bearing using vibration signals', Proceedings of International Conference in Advances in Construction, Manufacturing and Automation Research, Kongu Engineering College, Erode.

International Conference Organized/Workshop/ Training Programmes

Conducted:

1. Organized a CSIR Sponsored National Level Seminar **“Mechanized Technologies Towards Sustainable Growth of Agriculture”** on 02nd & 3rd March 2012 at Kongu Engineering College, Erode, Tamilnadu, India.
2. Organized a DST Sponsored National Level Seminar **“NDT’S Breakthrough in Solving Quantitative Manufacturing Problems”** on 08th & 09th March 2012 at Kongu Engineering College, Erode, Tamilnadu, India.
3. Organized a CSIR Sponsored National Level Seminar **“Economical, Ecological and Sustainable Manufacturing Processes – A Global Challenge”** on 28th & 29th December 2012 at Kongu Engineering College, Erode, Tamilnadu, India.
4. Acted as event coordinator for **“11th National Student Convention 2016-17”** for SAEINDIA Southern Section held at Kongu Engineering College, Erode, Taminadu, India.
5. Organized an **“AUTO EXPO 2014”** on 09th August 2014 at Kongu Engineering College, Erode, Taminadu, India.
6. Organized a racing competition **“R/C Nitro Racing 2014”** on 22nd August 2014 at Kongu Engineering College, Erode, Taminadu, India.
7. Organized an **“AGRI EXPO 2015”** on 14th March 2015 at Kongu Engineering College, Erode, Taminadu, India.
8. Organized an **“AUTO EXPO 2015”** on 01st August 2015 at Kongu Engineering College, Erode, Taminadu, India.
9. Organized a racing competition **“R/C Nitro Racing 2015”** on 22nd August 2015 at Kongu Engineering College, Erode, Taminadu, India.
10. Organized a workshop on **“Quad Copters”** on 19th March 2016 at Kongu Engineering College, Erode, Taminadu, India.
11. Conducted a guest lecture on **“Placement and Safety”** on 30th July 2016 at Kongu Engineering College, Erode, Taminadu, India.
12. Organized a racing competition **“R/C Nitro Racing 2016”** on 19th August 2016 at Kongu Engineering College, Erode, Taminadu, India.
13. Organized a racing competition **“R/C Nitro Racing for MXCEL 2K16”** on 23rd September 2016 at Kongu Engineering College, Erode, Taminadu, India.
14. Organized an **“AUTO & AGRI EXPO 2017”** on 17th March 2017 at Kongu Engineering College, Erode, Taminadu, India.

Workshop/FDP/ Seminar., Participation:

Sl. No	Period		Program	Topic / Title	Organized by	Expenses met by
	From	To				
1)	17.06.10	09.07.10	Training Program	Pedagogical Staff Development Program	Kongu Engineering College	Kongu Engineering College
2)	10.06.10	11.06.10	National seminar	Clean and Green Manufacturing Techniques	Kongu Engineering College	CSIR
3)	29.10.10	30.10.10	National seminar	Flexible Fuel Vehicle	Kongu Engineering College	DST
4)	10.03.11	11.03.11	National seminar	Scientific Research in Cryogenic Applications	Kongu Engineering College	CSIR
5)	12.12.11	14.12.11	FDP	Faculty Development Program on TQM	Kongu Engineering College	Kongu Engineering College
6)	10.11.12	11.11.12	Workshop	Aakash for Education	Kongu Engineering College	MHRD
7)	11.12.12	21.12.12	Workshop	Engineering Thermodynamics	Kongu Engineering College	MHRD
8)	03.06.13	08.06.13	Short-term Course	Design and Optimization of Production Management Systems	NIT, Trichy	NIT, Trichy
9)	26.11.13	06.12.13	Workshop	Two –Week ISTE Workshop on “Engineering Mechanics”	IIT, Bombay	IIT, Bombay
10)	16.09.15	16.09.15	Seminar	Seminar on Industrial Safety	Kongu Engineering College	Kongu Engineering College
11)	10.03.16	16.03.16	Workshop	Engineering Optimization Techniques and Modern Manufacturing Concepts	GCE, Salem	TEQIP
12)	25.05.16	31.05.16	Workshop	Principles and Practices of Non Destructive Testing	PSG Tech	TEQIP
13)	30.12.16	31.12.16	National Seminar	Evolution of Materials and Manufacturing Technologies for Automobiles	Kongu Engineering College	SERB
14)	02.09.18	07.09.18	Short-term Course	Introduction to Smart Materials with Energy Harvesting Application	IIT, Chennai	IIT, Chennai

Industrial Training Experience:

- **Underwent** an industrial training in “**John Fowler (India) pvt ltd**”, Bangalore, Karnataka, India from 05th to 09th June 2017.
- **Underwent** an industrial training in “**Shree Rengaraj ISPAT industries (P) ltd**”, Erode District, Tamilnadu, India from 13th to 17th November 2017.
- **Underwent** an industrial training in “**Sigma CNC Products pvt**”, Hosur, Tamilnadu, India from 27th to 31st May 2019.

Achievements:

- **Reviewer** of following reputed International Journals,
 - **Production Planning & Control**
 - **International Journal of Industrial Engineering: Theory, Applications and Practice**
 - **International Journal for Quality Research**
- Got **Certificate of Appreciation** for being best coordinator in Higher Education and Competitive Examinations Cell in Kongu Engineering College.
- Received “**Best Presenter**” award for paper presentation entitled “Optimization of production flow in a pipe manufacturing industry with the help of lean tools – a case study”.
- Scored all India rank of **292** in **GATE 2008**.

Professional Membership:

Member of **Indian Society for Technical Education (ISTE)** (Membership No: LM 111458)

Member of **Society of Automobile Engineers** (Membership No: 7160411658)

Personnel Details:

Date of Birth	: 30.07.1985
Age	: 34
Sex	: Male
Marital Status	: Married
Mother Tongue	: Tamil
Medium of Schooling	: Tamil
Languages Known	: Tamil and English.
Father's Name	: K.Manickam

Declaration:

I hereby declare that the above given details are true with the best of my knowledge.

Date : 20/08/2019

Place : Erode



(Dr. M. Bhuvanesh Kumar)