


Curriculum Viète

Name	:	Dr. Hemanth T.S.	
D o B	:	19-10-1986	
Father Name	:	T.V. Sathyanarayana	
Nationality	:	Indian	
Highest Qualification	:	Ph.D.	
Present Address and Contact	:	Assistant Professor, Department of Industrial & Production Engineering Malnad College of Engineering, Hassan-573201, Mob:+91-9916594123; Email:hemanththulasi@gmail.com	

Educational Qualification:

Course/ Degree	Specialisation	College/Institute/University	Year of Passing
B.E.	Mechanical Engineering	Malnad College of Engineering, Hassan	2008
M.E.	Manufacturing	Royal Melbourne Institute of Technology, Melbourne, Australia	2010
PGDM	Management	Central Queensland University, Melbourne, Australia	2011
Ph.D.	Manufacturing Simulation	Visveswaraya Technical University, Belagavi	2021

Work Experience

Sl. No.	Company Name	Position	Experience in Years
1.	Salmat International Pty. Ltd, Melbourne, Australia	Data Analyst	From 2011 to 2012, 01 year

2.	Southern Batteries Pvt. Ltd., Bangalore	Production Planning and Control Engineering	From 2012 to 2013, 01 year
3.	Malnad College of Engineering, Hassan	Assistant Professor, Department of Industrial and Production Engineering	From Sept, 2013 to Present, 07 years and 10 Months

Contribution to Department and Institution

Present Responsibilities

- TEQIP – III MIS Coordinator from 4 years responsible of filling college level data into TEQIP portal
- MCE Research Advisory committee member
- Department NBA Coordinator
- Department Website Coordinator.
- Department Contineo Coordinator
- Department Software Coordinator
- Anti-ragging committee member
- Faculty advisor
- Faculty mentor

Responsibilities held before

- Department Project Coordinator
- Department Seminar Coordinator
- Department CIE Coordinator
- Department MIPSO Coordinator
- Department Contact MERIISE Coordinator
- Carried out all department activities as assigned by the Head of the Department.
- CDC member
- Convocation – Student Registration Committee

Publications and Conferences details

International Journals

1. T. S. Hemanth, Y. Arunkumar, and S. M. S, “Design and Manufacturing Simulation of Preform for Thread Rolling Operation,” Int. J. Mod. Eng. Res., vol. 5, no. October, pp. 60–68, 2015.
2. T. S. Hemanth, Y. Arunkumar, M. S. Srinath, and T. Rakshith, “Manufacturing Simulation for Determining The Influence of Process Parameters on Quality of Forgings,” in International Journal of Engineering Research & Technology (IJERT), NCERAME, 2015, pp. 146–151.

3. T. Rakshith, M. S. Srinath, Y. Arunkumar, and T. S. Hemanth, "Advanced Materials Manufacturing & Characterization Optimization Of Parameters For Elbow Component Using Manufacturing Simulation," Adv. Mater. Charact., vol. 6, no. 1, pp. 79–85, 2016.
4. T. S. Hemanth, Y. Arunkumar, and M. S. Srinath, "Optimize the Rolling Process Parameters for Material AA1100 using Metal Forming Simulation," MATEC Web Conf., vol. 144, 2018.
5. T. S. Hemanth, Y. Arunkumar, and M. S. Srinath, "Study the Effect of Different Roller Shape on the Spread of Material in Rolling Operation Using Manufacturing Simulation," Appl. Mech. Mater., vol. 895, pp. 290–294, 2019.
6. T. S. Hemanth, Y. Arunkumar, and M. S. Srinath, "Application of Taguchi method for analysis and optimisation of Rolling Process Parameters using Metal forming Simulation", IOP conference series [Accepted].

Conferences

1. Hemanth T S, Y. Arunkumar, M.S.Srinath, " Optimize the Rolling Process Parameters for Material AA1100 using Metal Forming Simulation ", RiMES, Manipal, 22-24 December, 2017.
2. Hemanth T S, Y. Arunkumar, M.S.Srinath, Mechanical Testing and Simulation Approach for Analyzing the Effect of Rolling on 62 Cu-36 Zn-1.45 Sn alloy”, International Conference on Smart, Sustainable Developments in Materials, Manufacturing and Energy Engineering, SME -2019, NMAMIT, 23rd -24th May, 2019
3. Hemanth T. S., Y. Arunkumar, and M. S. Srinath," Application of Taguchi method for analysis and optimisation of Rolling Process Parameters using Metal forming Simulation", International Conference on Trends in Mechanical Engineering Sciences (ICTMES – 2020), August 6th to 7th, 2020.

Faculty development program/Workshops attended:

Sl. No	Name of Course/Summer/Winter School	Place	Duration	Sponsoring Agency
1.	Formulation, Modeling and Practical Applications of Operations Research (FMPAOR-2015)	MCE, Hassan	2 weeks During 25th May 2015 – 6th June 2015	AICTE
2.	One Week FDP on “Analytical and Numerical Techniques in Applied Mathematics and Engineering”	MCE, Hassan	28th July to 02nd August 2014	TEQIP - II

3.	One Week FDP on “Advances in Bio-lubricants and Cutting Fluids”	MCE, Hassan	08th to 12th December 2014	TEQIP - II
4.	One Week FDP on “Emerging Trends in Materials and Manufacturing Technology”	MCE, Hassan	27th February to 03rd March 2017	TEQIP - II
5.	Three days workshop on “ Innovative Teaching Methodologies”, Organised by IIT Bombay,	M C E , Hassan	10th to 12th March, 2017.	TEQIP - II
6.	One week exclusive FDP on Geometric dimensioning and Tolerancing	CMTI, Bangalore	20th March to 24th March, 2017	TEQIP - II
7.	Three days workshop on “Faculty Mentors on Induction Programme for New students”	Raipur in association with NPIU	4th to 6th September, 2017	TEQIP - II
8.	Two days workshop on “Finite Element Analysis”	M C E , Hassan	5th - 6th Jan, 2018	TEQIP - II
9.	One week FDP on “Advanced Manufacturing Processing Techniques”	MCE, Hassan	12th to 17th February 2018	TEQIP – II
10.	“Professional and Academic Quality in Engineering Courses(PAQ)”	MCE, Hassan	23rd April 23, 2018	TEQIP – II
11.	One Week FDP on “Challenges in Non-Conventional Energy Sources”	MCE, Hassan	9th to 13th April 2018	TEQIP – III
12.	One Week FDP on “Total Quality Management”	MCE, Hassan	28th May to 1st June 2018	TEQIP – III
13.	One Week FDP on “Recent Trends in Automotive Technology”	MCE, Hassan	25th June to 29th June 2018	TEQIP – III
14.	One day training program on TEQIP - III MIS	Mumbai, NPIU, Delhi.	27th June, 2018	TEQIP – III
15.	One Week FDP on “ Recent Development in Solar and Wind Energy system for on/off grid Application”	MCE, Hassan	9th July to 13th July, 2018	TEQIP - III

16.	One week FDP on “ Hands on Training program for Mechanical Engineering Faculty members on Thermo-Mechanical Simulator”	IIT, Roorkee	17th July to 20th July, 2018	TEQIP - III
17.	Outcomes Based Education	Heritage, Hassan	04-05, August, 2018	TEQIP - III
18.	Being a Great Teacher	MCE, Hassan	3rd and 4th November 2018	TEQIP - III
19.	Three days workshop on “Metallography and Metallurgical Lab practice”	ASM International Bengaluru	7th and 8th December 2018.	TEQIP - III
20.	Three days workshop on “Technological advancements in Mechanical Engineering”	Anantapura in association with ISME	26th May to 28th May, 2020	Self

Details of the MOOC Course Attended

Sl. No.	Title of training	Institution / Organization	Date from to
1	Refresher Course on Teacher and Teaching in Higher Education, Annual Refresher Programme in Teaching (ARPIT)	Swayam	16 week course, completed in the month of February, 2020.
2	Open FOAM training organized by Sinhad Institute of Technology and Science, Pune with course material prepared by Spoken Tutorial	IIT Bombay	March, 2020.
3	How to learn online, from edX	Edx Online	April, 2020.
4	Online Learning	IUCEE	12 weeks from August to October, 2020
5	Leadership And Governance In Higher Education. Level 2	Swayam	16 week course, Examination Pending.

FDP/Workshop/Conferences Organised

Sl.No.	Title of the program	Duration	Year	Beneficiary
1.	Two days training on Auditor Training on Quality Management System ISO 9001: 2015	2 days	2018	Students
2.	Three days training program on FEM for Engineering Applications	3 days	2018	Students
3.	FDP on Advanced Manufacturing Processing Techniques	6 days	2018	Faculty
4.	Students Training Program on Digital Manufacturing as a part Twining activity	6 days	2018	PG students of Mentee Institute
5.	International Conference on Green Trends in Mechanical Engineering Sciences	3 days	2018	Students, Research Scholars and Faculty
6.	Three days Industrial Trip	3 days	2018	Students
7.	Three days Industrial Trip	3 days	2019	Students
8.	International Conference on Trends in Mechanical Engineering Sciences (ICTMES – 2020)	3 days	2020	Students, Research Scholars and Faculty
9.	Webinar on Project Proposal Preparation and Intellectual Property Rights (IPR)	1 day	2021	Research Scholars and Faculty

I hereby declare that the entries here are true to the best of my knowledge and belief.

(Dr. Hemanth T.S.)