

RESUME

Name : RAMESH M CHALKAPURE
Date of Birth : 01-05-1977
Qualifications : B.E.,M.E(Machine Design)
Address : Assistant Professor,
Dept.of Mechanical Engineering
BMS College of Engineering,P.O.Box No.1908,
Bull temle Road,Bangalore,
Karnataka,India, Pin code : 560019

Designation	Assistant Professor
Professional Experience	AT BMSCE- 8years 2 months.....
Contact Details	Email: rameshmc.mech@bmsce.ac.in Mobile: +91 9739277486
Academic Background	B.E. (BLDEA, Karnataka University Dharwad), 2001 M.E. (UVCE, Bangalore University Bangalore), 2012
Areas of Interest	Machine Design,Theory of Machine, Composite Materials, Finite Element anaysis and Geomeriacal dimensions and Tolercences(GD&T) etc.....

Subjects Handled:

1)Theory of machine 2)Machine design 3)Engineering drawing 4) Machine drawing
5) Tribology 6) Elements of Mechanical Engineering 7) Strength of Materials etc.....

Laboratory Handled:

1) Som lab 2) Design lab 3) Measurement and Metrology lab 4) MFE (Ansys lab) 5) Camd lab (solid works,solid edge,Catia software exposure) etc.....

Responsibilities held:

- Served as a Valuation Coordinator, Department of Mechanical Engineering, BMS College of Engineering, Bangaloure.
- Served as a Machine shop Coordinator, Department of Mechanical Engineering. BMS College of Engineering, Bangaloure.
- Served as Coordinator in Mechanical Engineering Association (MEA), BMS College of Engineering, Bangaloure
- Served as a Time table officer , Department of Mechanical Engineering, BMS College of Engineering, Bangaloure.
- Served as a BOE member , Department of Mechanical Engineering, BMS College of Engineering, Bangalore

No. of students supervised at UG level: 7 (09 Batches)

Membership of Professional Societies:

Life Member, LM- 93453 Indian Society for Technical Education (ISTE), New Delhi, India

List of workshop/FDP organized:

- Organizing Committee member for **TEQIP- II** Sponsored one week **Technology transfer & faculty development program on “ Non Destructive Evaluation & Diagnosis of Components using Advanced Materials Technology”** Organized by the Department of Mechanical Engineering held during March 20th to 24th, 2017
- Organizing Committee member for **TEQIP- III** in association with **M.J.P.Rohilkhand University, Bareilly,U.P** Sponsored One week Technical Staff Development Programme on **“Machine Tools Maintenance”** Organized by the Department of Mechanical Engineering held during on 18th to 22nd June 2018 .
- Organizing Committee member for **TEQIP- III** in association with **M.J.P.Rohilkhand University, Bareilly,U.P** Sponsored Two week **faculty development program on “Mechatronics and Artificial Intelligence”** Organized by the Department of Mechanical Engineering held during on 29th July to 10th August 2019.

• **List of Workshop/FDP attended:**

Sl. No.	Title	Duration	Venue
1	Non-Traditional Machining and Material Characterization	23 rd to 27 th May,2016(One Week)	BMS College of Engineering,Bengaluru-19
2	Conducting Polymer Composites,Synthesis and Characterization	6 th to 10 th June,2016(OneWeek)	BMSCE
3	CAMD With Solidworks and GD&T	8 th to12 th August2016(OneWeek)	BMSCE
4	Non-Destructive Evaluation & Diagnosis of Components using Advance Materials	20 th to 24 th March,2017(OneWeek)	BMSCE
5	Product Design and innovative workshop	21 st to25 th January,2019(OneWeek)	UVCE
6	Outcome Based Education and Accreditation	27 th 31 st January 2020.	BMSCE
7	Second DIC Workshop on product Design for product design and manufacturing	8 th to 19 th June,2015 (TwoWeek)	IISC

8	3M-Modeling,Materialsand Manufacturing	13 th to23 rd December,2016(TwoWeek)	BMSCE
9	Advance Manufacturing	16 th to 27 th July,2018 (TwoWeek)	BMSCE
10	Structural Health Monitoring and its Implications	15 to 19 June 2020 One - Week Online Faculty Development Programme (virtual)	BMSCE
11	Advanced Materials Technology	1st to 5th of July 2020 One - Week Online Faculty Development Programme (virtual)	Department of Mechanical Engineering,Malnad college of Engineering Hassan
12	Matlab for Mechanical Engineer	20 to 24th of July 2020 One - Week Online Faculty Development Programme (virtual)	Department of Mechanical Engineering BMSCE In association with ISTE - BMSCE Chapter
13	"Control Systems & Sensors Technology	2020-10-5 to 2020-10-9 AICTE Training And Learning (ATAL) Academy Online FDP	University visweswaraya college of Engineering Through (ATAL
14	"Design Thinking"	2020-10-12 to 2020-10-16 AICTE Training And Learning (ATAL) Academy Online FDP	University College of Engineering(A), JNTUK Through (ATAL
15	KINEMATICS OF MECHANISM AND MACHINES	JAN-MARCH -2020 8 WEEK Through NPTEL	NPTEL
16	BASICS OF FINITE ELEMENT ANALYSIS-1	SEP-NOV-2020 8 WEEK Through NPTEL	NPTEL
17	FDP on " Industrial Automation using CNC and Intelligent Systems"	16/08/2021 to 20/08/2021 AICTE Training And Learning (ATAL) Academy Online	Manipal.

18	FDP on "Alternative fuels :Biofuels"	04/10/2021 to 08/10/2021 AICTE Training And Learning (ATAL) Academy Online Elementary FDP	P D A College of Engineering Kalaburagi
19	FDP on "Carbon Balance and Environmental Sustainability" from	07/02/2022 to 11/02/2022 AICTE Training And Learning (ATAL) Academy Online Elementary FDP	BMS College of Engineering, Bengaluru
19	Sponsored Refresher Programme On Design Thinking	07/03/2022 to 12/03/2022	VVCE MYSURE
20	Industrial Training programme	19.09.2022 to 01.10.2022 Two weeks industrial training	Government tool room & training Centre, Bangalore.
21	Research Methodology and IPR	23/05/2022 TO 27/03/2022 Online PDP	NITTT -MHRD
22	Critical Pedagogy	13/06/22 TO 17/06/2022 Online PDP	NITTT -MHRD
23	FDP on Recent trends in power electronics application to Renewable Energy ,smart grids and Electric Vehicles.	27/03/2023 To 31/03/2023 (OneWeek)	BMS College of Engineering, Bengaluru
24	NITTT-AICTE MODULE COURSE Module-1- Orientation towards Technical Education and Curricular Aspects Modue-2 -Professional Ethics and Suitability Module-3- Communication Skills, modes and knowledge Dissemination	March 2023 to September 2023 March 2023 to September	NITTT-AICTE NITTT-AICTE

	Module-4-Instructional Planning and Delivery	2023	NITTT-AICTE
	Module-5- Technology Enabled learning and lifelong self-learning	March 2023 to September 2023	NITTT-AICTE
	Module-6-Student Assessment and Evaluation	March 2023 to September 2023	NITTT-AICTE
	Module-7-Creative problem solving, Innovation and Meaningful R&D.	March 2023 to September 2023	NITTT-AICTE
25	FDP On Latest Trends in Additive Manufacturing	29/01/2024 to 2/02/2024	FDP On Latest Trends in Additive Manufacturing

List of short-term courses attended:

1	Computer Aided Engineering Analysis	4 th to 8 th January,2016(OneWeek)	Don Bosco College of Engineering FATORDA-GOA
2	Characterization and testing of component following laser Material processing including surface engineering and additive manufacturing	18/03/2023 to 26/03/2023 (Two week) Online SSTP	IIT Kharagpur

Journal :-Ramesh M Chalkapure, Faculty and S N Akshay, Mullangi kalyan, S Sreeharsha and Yadala Sandeep kumar students of Department of mechanical engineering published research paper titled “**Experimental Investigation of Fluidic Thrust Vectoring by Shock Vector Control of an Idea contour Nozzle**” in the International Journal of Technical Research and science, ISSN No.2454-2024(online) <http://doi.org/10.30780/IJTRS.VOLUME> 5.11.004,IJTRS- V4-I12-018

International Conference papers-

1. NUMERICAL SIMULATION OF FLOW OVER NACA-0012 AIRFOIL PITCHING AT LOW FREQUENCIES USING SU2.

The 1st Annual SU2 Conference (Virtual), June 10-12, 2020, held at San Francisco, CA, USA
AASHA G. C.1 , VISHAL RAJ2 , RAMESH KOLLURU 3 , **RAMESH. M. CHALKAPURE 4** ,
ROHAN SRIKANTH 5 , AJIT H. A 6.

2. NUMERICAL ANALYSIS OF FLOW OVER A SYMMETRIC AIRFOIL PITCHING AT LOW FREQUENCIES.

The 15th OpenFOAM Workshop (OFW15), June 22-25, 2020, held at Washington DC, USA.
ROHAN SRIKANTH 1, RAMESH KOLLURU 2 , **RAMESH. M. CHALKAPURE 3**
,AASHA.G.C 4 , VISHAL RAJ 5 , AJIT.H.A 6

Declaration:

I hereby declare that the above-mentioned information is true to my knowledge and I bear the responsibility for the above-mentioned particulars.

RAMESH MALLAPPA CHALKAPURE

