

PROFILE OF FACULTY



- 1. NAME:** Mr.Ramesh B T
- 2. DATE OF BIRTH:** 05/04/1984
- 3. ADDRESS**
- OFFICE/COLLEGE:** Jain Institute of Technology
323, Near
VeereshwaraPunyashrama,
Avaragere, Davangere- 577005
- RESIDENCE:** s/o ThimmaReddy B K
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Harihar-577601
Davangere
- 4. CONTACT NO:** 9900784915,07829669416
- LAND LINE:** - **FAX:-**
- 5. EMAIL ID:** rameshbt049@gmail.com,
- 6. DESIGNATION:** **Assistant Professor**
- 7. DEPARTMENT:** Mechanical Engineering
- 8. DATE OF JOINING:** 01/12/2016
- 9. EXPERIENCE (YEARS)**
- TEACHING:** 10
- INDUSTRY:** 01
- RESEARCH:** 00

QUALIFICATIONS:

Sl.No.	Degree	University	Year	Subjects	Percentage
1	B.E.	Visvesvaraya Technological University (VTU), Belagavi, Karnataka	2006	Mechanical Engineering	65.6%
2	M.Tech.	Visvesvaraya Technological University (VTU), Belagavi, Karnataka	2010	Machine Design	75%

3	Ph.D	Visvesvaraya Technological University (VTU), Belagavi, Karnataka	2014	(Pursuing till date) Comprehensive Viva-Voce Completed-2016
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10. EXPERIENCE: (reverse chronological order)

Positions	Institution/Industry	Period	Nature of Job	No of Years
Assistant Professor	Jain Institute of Technology, Davanagere	01-12-2016 to till date	Teaching and Department coordination.	Till date
Assistant Professor	STJ Institute of Technology, Ranebennur	June 2013	Teaching, Technical Event, Department coordinator.	4 Years
Lecturer	STJ Institute of Technology, Ranebennur	April 2009	Teaching and Department coordination.	4 Years

11. FACULTY DEVELOPMENT PROGRAMMES/TRAINING /WINTER SCHOOLS /WORKSHOP/SUMMER ATTENDED (reverse chronological order)

Sl. No	Name of the Training Program	Organized by	Date	No. of Days
1	Refrigeration & air conditioning	At nagarjuna college of engineering & technology, Bangalore,	9 th to 13 th july, 2018	05
2	Elements of Vibration Analysis	At GEC Haveri and organized by NITTTTR, Kolkata	11 th to 15 th June 2018	05
3	Simulation Modelling and Analysis of Manufacturing systems.	JSSATE, Bangalore	8-12 th January 2018	05
4	One week Faculty Development Programme on Processing of Materials, Materials Characterization and Testing.	M.S.Ramaiah institute of technology, Bangalore	16 th - 21 st January 2017	06
5	One day Faculty Development on "Plagiarism Issues and Essential Tools for Research write-ups"	Jain Institute of Technology, Davangere	18 th April, 2015	01
6	One day workshop on LaTeX for Documentation	G.M.Institute of Technology , Davangere	9 th November 2013	01

7	Two day workshop on LaTeX for Documenatation	S.I.T, Tumkur	20 th & 21 st Agust 2013	02
8	Faculty Development Programme on Multibody Dynamics	V.T.U, Belagaum	6 th & 7 th Feb 2012	02
9	Two day Faculty Development Programme on FEM	Sridevi Institute of Technology, Tumkur	19 th & 20 th Feb 2010	02
10	Three day Workshop on Faculty Development	S.T.J.Institute of Technology, Ranebennur	28 th -30 th January, 2010	03
11	One day workshop on “Fraacture Mechanics : an overview and some recent developments”	K.L.E. College of Engineering & Technology, Begaum	16 th April 2009	01
12	One day workshop on “ CNC Technology”	B.I.E.T, Davangere	13 th May 2009	01

12. FACULTY DEVELOPMENTPROGRAMMES/TRAINING/WORKSHOPS /SUMMER /WINTER SCHOOLS ORGANISED (reverse chronological order)

Nil

13. FACULTY AS RESOURCE PERSONS IN FACULTY DEVELOPMENT PROGRAMME/TRAINING/WORKSHOP/SUMMER/WINTER SCHOOLS (reverse chronological order)

Nil

14. CONFERENCE /SEMINARS/PROFESSIONAL SOCIETY ACTIVITIES/EVENTS ATTENDED (reverse chronological order)

SI No	CONFERERNC E	Date of Conduction
1	International conference on design, materials and manufacturing	NITK- Surthkal ,28 th to 30 th Jan 2018.
2	International Conference on Recent trends-(IFERP-2016)	Tirupati-2016
3	International Conference on polymer composites-(ICPC-2014)	NITK- Surthkal, 19 th & 20 th Dec 2014

15. CONFERENCES/SEMINARS/PROFESSIONAL SOCIETY ACTIVITIES/EVENTS ORGANIZED (reverse chronological order)

SI No	CONFERENCES/SEMINARS	Date of Conduction
1	2 days National level Technical Fest “TECHNIE-2K18”	Feb 23 rd and 24 th 2018

16. PAPERS PUBLISHED:

SI No	Type of publication	No. of publications
1	International Journal	17
2	National Journal	Nil
3	International Conferences	03
4	National Conferences	01

17. DETAILS OF PAPER PUBLISHED (along with DOI and publication/citation details) (reverse chronological order)

1	CHARACTERIZATION OF AL BASED NANO COMPOSITES USING POWDER METALLURGY TECHNIQUE	INTERNATIONAL JOURNAL OF RESEARCH IN AERONAUTICAL AND MECHANICAL ENGINEERING	ISSN (ONLINE): 2321-3051	Vol.2 Issue.2, February 2014.
2	MODELING, STRESS AND WELDING STRENGTH ANALYSIS OF PRESSURE VESSEL	International Journal of Analytical, Experimental and Finite Element Analysis (IJAEFEA),	e-ISSN: 2394-5141, p-ISSN: 2394-5133,	Issue. 1, Vol. 2, March 2015.
3	DEVELOPMENT AND CHARACTERISATION OF EPOXY RESIN BASED GRANITE POWDER AND GLASS FIBRE REINFORCED COMPOSITE	International Journal of Modern Trends in Engineering and Research (IJMTER)	ISSN (Online):2349-9745	Volume 02, Issue 08, [August-2015]
4	SHAPE AND MATERIAL OPTIMIZATION OF THE STEERING KNUCKLE COMPONENT	International Journal of Analytical, Experimental and Finite Element Analysis (IJAEFEA),	e-ISSN: 2394-5141, p-ISSN: 2394-5133,	Issue. 2, Vol. 3, Sept 2015.

5	DEVELOPMENT AND CHARACTERISATION OF HEMP BANANA STEM FIBRE REINFORCED EPOXY BASED COMPOSITES	Scientia Research Library Journal of Engineering And Technology Research,	ISSN 2348-0424 USA CODEN: JETRB4	2015, 3 (5):12-21
6	STUDY OF TRIBOLOGICAL CHARACTERIZATION FLY ASH AND GRANITE FILLED GLASS EPOXY COMPOSITE	IJRAR- International Journal of Research and Analytical Reviews	E ISSN 2348 – 1269, PRINT ISSN 2349-5138	VOLUME 2 I ISSUE 3 I JULY – SEP. 2015
7	DRY SLIDING WEAR TEST CONDUCTED ON PIN-ON-DISK TESTING SETUP FOR AL6061-SIC METAL MATRIX COMPOSITES FABRICATED BY POWDER METALLURGY	IJSET - International Journal of Innovative Science, Engineering & Technology,	ISSN 2348 – 7968	Vol. 2 Issue 6, June 2015.
8	POWER GENERATION FROM LOCOMOTIVE ROOFTOPS	International Journal For Engineering Research In Mechanical And Civil Engineering [IJERMCE]	IFERP, published at International conference.	2016
9	STUDY OF MECHANICAL PROPERTIES OF AL-E GLASS ALLOY COMPOSITE MATERIALS FABRICATED BY STIR CASTING AND HEAT TREATED PROCESS	Imperial Journal of Interdisciplinary Research (IJIR)	ISSN: 2454-1362,	Vol-2, Issue-11, 2016
10	STUDY ON EFFECT OF HEAT TREATMENT FOR AL-CU METAL MATRIX COMPOSITES FABRICATED BY STIR CASTING METHOD	International Research Journal of Engineering and Technology (IRJET)	e-ISSN: 2395 - 0056 p-ISSN: 2395-0072	Volume: 03 Issue: 11, Nov - 2016

11	REVIEW ON: INFLUENCE OF BP- ECAP ON MECHANICAL CHARACTERISTICS OF ALUMINIUM MATRIX COMPOSITES	Asian Journal of Science and Technology	ISSN: 0976-3376	Vol. 08, Issue, 03, pp.4381- 4385, March, 2017
12	ANALYSIS AND OPTIMIZATION OF CONNECTING ROD WITH DIFFERENT MATERIALS	World Journal of Research and Review (WJRR)	ISSN:2455-3956,	Volume-4, Issue-1, January 2017
13	FABRICATION OF AN AUTOMATED PORTABLE ELECTRIC POLE INSTALLER	IJSRD - International Journal for Scientific Research & Development	ISSN: 2321-0613	Vol. 5, Issue 02, April- 2017
14	MECHANICAL CHARACTERIZATION OF AL 6061-ZIRCON PARTICULATE COMPOSITES	International Research Journal of Engineering and Technology (IRJET)	e-ISSN: 2395 - 0056 p-ISSN: 2395-0072	Volume: 04 Issue: 07,July - 2017
15	FABRICATION OF STIR CASTING SETUP FOR METAL MATRIX COMPOSITE	IJSRD - International Journal for Scientific Research & Development	ISSN: 2321-0613	Vol. 5, Issue 06, Aug- 2017
16	Study of Dry Sliding Wear Properties for AL- 2024 based Metal Matrix Composites Fabricated by Stir Casting Method	International Journal for Research in Applied Science & Engineering Technology (UGC Approved)	ISSN: 2321-9653	Volume 6 Issue III, March 2018
17	Mechanical Characterization of Al- 2024 Reinforced With Fly Ash and E-Glass by Stir Casting Method	American Institute of Physics (AIP) Conference Proceedings and is indexed in Scopus (Elsevier)	ICDEM-2018	2018

18. BOOKS / CHAPTERS PUBLISHED & E-LEARNING MATERIALS DEVELOPED

Nil

19. FACULTY INTELLECTUAL PROPERTY RIGHTS(Give details)

Nil

20. FUNDED R & D PROJECTS &CONSULTANCY WORK (Give details)

SI No	Project	Title	Grant	amount
01	BE Project	Fabrication of Small Scale coconut oil Expeller	KSCST, Karnataka-2006	5000
02	BE student Project	Fabrication of an automated electric pole installer.	KSCST Karnataka-2016	5000
03	BE student Project	Button operating gear changing system in 4 stroke petrol engine	KSCST Karnataka-2018	7500

Nil

21. FACULTY INTERACTION WITH OUTSIDE WORLD (Give details)

Nil

22. AWARD / RECOGNITION

Nil

23. NUMBER OF PROJECTS GUIDED

UG: 23

PG: 13

PhD: Nil

24. SUBJECTS TAUGHT

For UG:

1. Mechanics of materials
2. Design of Machine Element - I
3. Design of Machine Element - II
4. Computer Aided Engineering Drawing
5. Composite Materials
6. Elements of Mechanical Engineering
7. Tribology
8. Cim and Automation

9. Manufacturing Process-1
10. Management and entrepreneurship
11. Material Science and Metrology
12. Computer aided machine drawing
13. Dynamics of Machinery
14. Machine Tool Operation

For PG:

1. Continuum Mechanics
2. Theory Of elasticity
3. Advance Composite Materilas
4. Tribology and Bearing Design
5. Fracutre Mechanics

25. MEMBERSHIP OF PROFESSIONAL BODIES

Nil

26. BRIEF ON ACTIVITIES FOR INSTITUTIONAL DEVELOPMENT

Working as a Assistant Professor in the department of Mechanical Engineering. I actively involved in academic related issues and preparation of NBA documents and Forum co-ordinator. I was placement co-ordinator for department and Seminar co ordinator for PG degree. I believe, development of faculties is the development of Institution.

27. OTHER ASSIGNMENTS

NSS, NCC etc