

CURRICULUM VITAE

Name : YASHAS GOWDA T G
Date of Birth : 18-11-1992
Qualifications : B.E., M.Tech.,(Ph.D)
Address : Assistant Professor,
Malnad College of Engineering,
Salagame Road ,Hassan,Karnataka,
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Academic Performance :

Qualifications	Discipline/ Specialization	Institute	Board/ University	Year of Passing	Percentage/ Class Obtained
Ph.D	Composite Materials	The Sirindhorn International Thai- German Graduate School of Engineering	King Mongkut's University of Technology North Bangkok (KMUTNB)	Persuing	-
M.Tech	Machine Design	SJB Institute of Technology, Bengaluru	VTU, Belagavi	2016	83.12% (First Class with Distinction)
B.E	Mechanical Engineering	Malnad College of Engineering, Hassan	An Autonomous Institute under VTU, Belagavi	2014	78.25% (First Class with Distinction)
II P.U.C.	English Medium	Sathya sailoka seva PU college, Alike, SathyaSaiVihar, Dhakshina Kannada district.	Dept of Pre- University Education, Karnataka	2010	84.33%
Class X	English Medium	Central Board of Secondary Education	Central Board of Secondary Education	2008	83.6%

Field of Specialization: Natural fiber composites, Polymer Composites, Biopolymers, Advanced Material Technology ,Tribology.

Title of the Ph.D Research Work : Performance Assessment of Hybrid Fibers Reinforced Composites Under Tribological Conditions

Techniques/Instruments Handled:

- Fiber Extraction method
- Chemical Treatments
- Manufacturing Techniques: Hand lay-up, Autoclave, Compression Molding, Solution Casting Method, Vacuum Bagging Method.
- Universal Testing Machine
- Impact Testing Machine
- Tribometer
- X-ray powder diffraction (XRD)
- Scanning Electron Microscopy (SEM)
- Thermogravimetric Analyzer (TGA)

Career Profile:

Designation	Institution/Organization	Period
Assistant Professor	Malnad College of Engineering, Hassan, Karnataka, India	February 2017 to Till Date

Fellowships:

- **KMUTNB Full-tuition Fee Waving Scholarship**
- **KMUTNB PhD Scholarship (KMUTNB-62-PHD-11)**

Subjects Handled:

- Dynamics of Machinery.
- Engineering Drawing.
- Kinematics of Machinery
- Elements of Mechanical Engineering.

Responsibilities held:

- Serving as a CIE Coordinator, Mechanical Engineering, Malnad College of Engineering, Hassan.

- Presently active participation in NBA SAR Preparation along with NBA Team, Malnad College of Engineering, Hassan.

List of conference organized organized:

- Organizing Committee member in the **International Conference on Advances in Mechanical Sciences (ICAMS-2017)** from 3rd to 5th May 2017 organized by Department of Mechanical Engineering at Malnad College of Engineering, Hassan
- Organizing Committee member in the International Conference on **Green Trends in Mechanical Engineering (GTMES-2018)** from 3rd to 5th October 2018 organized by Department of Mechanical Engineering at Malnad College of Engineering, Hassan

List of Publications:

Book Chapter	02 (Accepted)+1(under Progress)
Journals	06(Published) +4(Review)
National conference	00
International conferences	01
Total Publications	14

Journals:

1. G.Anil Kumar, J.Satheesh , **Yashas Gowda T.G**, T.Madhusudhan "**Hybrid Aluminium Metal Matrix Composites and Reinforcement Materials: A Review**" International Journal of Innovative Research in Science, Engineering and Technology,2016, ISSN : 23470-6710
2. G.Anil Kumar, J.Satheesh , **Yashas Gowda T.G**, T.Madhusudhan "**Tribological and mechanical properties of Al6082 reinforced with B4C particles produced by powder metallurgy technique**" IRJET,Volume 03,Issue 7,July 2016, ISSN: 2395 - 0056
3. D Athith, **Sanjay M R**, T G Yashas Gowda, P Madhu, G R Arpitha, B Yogesha, Med Amin Omri, "**Effect of Tungsten Carbide on Mechanical and Tribological Properties of Jute/Sisal/E-Glass Fabrics Reinforced NaturalRubber/Epoxy Composites**" SAGE, Journal of Industrial Textiles, 2017. DOI: 10.1177/1528083717740765 (IF: 1.884, SCI Indexed)
4. **T G Yashas Gowda**, **Sanjay M R**, Subrahmanya Bhat, P Madhu, P Senthamaraikannan, B Yogesha, "**Polymer matrix-natural fiber composites: An overview**" TAYLOR &

FRANCIS GROUP, Cogent Engineering, 2018. DOI: 10.1080/23311916.2018.1446667
(Scopus Indexed)

5. J Praveenkumara, P Madhu, **T.G Yashas Gowda**, S Pradeep, **“Studies on Mechanical Properties of Bamboo/Carbon Fiber Reinforced Epoxy Hybrid Composites Filled with SiC Particulates”** International Journal of Engineering Research and General Science Volume 6, Issue 5, September-October, 2018
6. **T G Yashas Gowda**, Sanjay M R, Jyotishkumar Parameswaranpillai, Suchart Siengchin, **“Natural Fibers as Sustainable and Renewable Resource for Development of Eco-friendly Composites: A Comprehensive Review”** Frontiers in Materials, Polymeric and Composite Materials, 2019. DOI: 10.3389/fmats.2019.00226 **(IF: 2.689, SCI Indexed)**
7. K N Bharath, Madhu P, **Yashas Gowda T G**, Sanjay M R, Suchart Siengchin, Vinod Kushvaha, **“Extraction and Characterization of discarded waste of Moringa oleifera fruit fiber as a potential eco-friendly reinforcement for biocomposites”** SPRINGER, Journal of Polymers and the Environment (Under Review). **(SCI Indexed)**
8. K N Bharath, Madhu P, **Yashas Gowda T G**, Akarsh Verma, **Sanjay M R**, Suchart Siengchin, **“A novel approach for the development of bio-fiber based composites for printed circuit board application”** SAGE, Journal of Composite Materials (Under Review). **(SCI Indexed)**
9. K N Bharath, Madhu P, **Yashas Gowda T G**, Akarsh Verma, **Sanjay M R**, Suchart Siengchin, **“Mechanical and chemical properties evaluation of sheep wool fiber reinforced vinylester/polyester composites”** ASTM, Materials Performance and Characterization (Under Review). **(SCI Indexed)**
10. A Vinod, **Yashas Gowda T G**, R Vijay, D Lenin Singaravelu, **Sanjay M R**, Suchart Siengchin, Munish Kumar Gupta, Muhammad Jamil, **“Physiochemical, Thermomechanical, dynamic mechanical, water absorption and Morphological Analysis of surface tailored and characterized novel Muntingia Calabura bark fiber reinforced fully biobased bioepoxy marix composites”** ELSEVIER, Composites Part B (Under Review). **(SCOPUS Indexed)**

Book

11. Sanjay M R, Jyotishkumar P, **Yashas Gowda T G**, Suchart Siengchin, M.Özgür Seydibeyoğlu, **“Nano-Particles Based Polymer Composites”**, Elsevier Inc. (In Progress)

Book Chapters

1. P Madhu, **T G Yashas Gowda**, Sanjay M R, Jyotishkumar Parameswaranpillai, Suchart Siengchin, “**Effect of process engineering on the performance of hybrid fiber composites**” In book. Hybrid Fiber Composites. Materials, Manufacturing, Process Engineering. Wiley. (In Press). (**Scopus Indexed**)
2. **T.G Yashas Gowda**, Sanjay M R, Jyotishkumar Parameswaranpillai, Suchart Siengchin, Klaus Friedrich, “**Tribological Applications of Polymer Composites**” In Book. Tribology of Polymer Composites: Characterisation, Properties, and Applications, Elsevier Inc. (In Press). (**Scopus Indexed**)
3. **Yashas Gowda T G**, Vinod A, Madhu.P.Sanjay M R, Jyotishkumar Parameswaranpillai, Suchart Siengchin “**Plastics in automotive applications**”, Encyclopedia of Materials: Plastics and Polymers.Elsvier (**In Progress**)

List of short-term courses attended:

Sl. No.	Title	Duration	Venue
1.	Ansys –Solutions For General Mechanical Engineering Problems	23rd -27th February 2015	KSIT,Bengaluru
2.	Faculty Development Program on Emerging Trends in Materials and Manufacturing Technology (ETMMT)	27th February – 03rd March, 2017	Malnad College of Engineering, Hassan
3.	Exclusive Faculty Development Training Programme on Geometric Dimensioning and Tolerancing	20th -24th March 2017	CMTI,Bengaluru
4.	Recent trends in solar energy applications	27th to 28th March 2017	Malnad College of Engineering, Hassan
5.	Three day workshop on Design and analysis of Airbus 350-900XWB and CFD applications	March 2017	Malnad College of Engineering, Hassan
6.	Materials & Manufacturing Technology	December 4th to 16th 2017	Ramaiah Institute of Technology, Bengaluru
7.	Challenges in Non Conventional Energy Sources	April 9th to 13th 2018	MCE, Hassan, Karnataka
8.	Total Quality Management	May 28th to June 1st 2018	MCE, Hassan, Karnataka
9.	Recent Trends in Automotive Technology	June 25th to 29th 2018	MCE, Hassan, Karnataka
10.	Thermo- Mechanical Simulator	July 17th to 20th 2018	IIT Roorkee, Roorkee (Uttarakhand)
11.	Outcomes Based Education [OBE]	August 4th to 5th 2018	The Heritage, Hassan
12.	Being a great teacher	November 3rd and 4th November 2018	Mce,Hassan,Karnataka

Professional Reference Details:

	Reference 1	Reference 2	Reference 3
Name	Dr. S. Pradeep	Dr. B. Yogesha	Dr.-Ing. Habil. Suchart Siengchin
Designation	Associate Professor	Professor	Ph.D Supervisor
Position	Professor, Mechanical	Professor, Mechanical	President
Organization	MCE, Hassan	MCE, Hassan	KMUTNB, Bangkok, Thailand
Contact number	09740620519	09448996433	+66 (0) 2555 2000
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For future details: https://www.researchgate.net/profile/Yashas_T_G

<https://scholar.google.com/citations?pli=1&authuser=2&user=UV0tvLsAAAAJ>

Declaration:

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

Date:

Yashas Gowda T G