


CURRICULUM VITAE

Personal Information		
Name	Dr.Yashas Gowda T G	
Designation	Assistant Professor	
Department	Mechanical Engineering	
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Contact No.	+91-8147208911	
Birthplace	Hassan, Karnataka, India	
Address	#757/1 Sri Chennambha Nilaya, Udayagiri Extension, Hassan - 573201.	

1. Educational Qualifications

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)	2022	-
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 sai loka seva PU college, Alike, Sathya Sai Vihar, Dhakshina Kannada district.	Dept of Pre-University Education, Karnataka	2010	84.33%
Class X	English Medium	CBSE	Central Board of Secondary Education	2008	83.6%

2. Research Area [Composite Materials]

- Composite Materials, Natural Fiber Composites, Natural Fibers, Bio-Composites, Polymer Matrix Composites, Mechanical testing of natural fiber composites

Publications (37)
<ul style="list-style-type: none">• International Journals = 25 (SCIE = 18, Scopus = 04 & Peer reviewed = 03)• International Conference = 02• Book = 01, Book Chapter = 09 (Scopus = 02) & Editorial Corner = 01• Google Scholar Citations: 1791, h-index - 16 & i10 index = 19(till October 21st, 2023)• Research Gate Stats: Citations = 1786, Research Interest Score = 1081, Recommendations = 534 & Number of reads = 22642 (till October 21st, 2023)• Vidwan Score = 9.2

3. Subjects Taught

▪ Elements of Mechanical Engineering	▪ Engineering Drawing
▪ Kinematics of Machines	▪ Dynamics of Machines
▪ Theory of Machines	▪ Introduction to Python programming
▪ Composite Materials	▪ Innovation and Design Thinking

4. Experiences

4.1 Teaching Experience

Designation	Department	Institute	Duration
Assistant Professor	Mechanical Engineering	Malnad College of Engineering, Hassan	January 2017 to till date

4.2 Administrative Experience

Assigned Post
Department Internship Co-Ordinator
Department CIE Co-Ordinator
Department R&D Committee Member
Department MERISE Coordinator
Department Research Co-Ordinator

Department Swayam Co-Ordinator
Institute level IIC member
Valuation centre Coordinator

4.3 Organizational Experience

Short Term Course/ Conference/ Workshop

- **Organizing Committee Member** in the International Conference on Trends in Mechanical Engineering Sciences - 2020 (ICTMES-2020) on 6th and 7th August 2020 organized by Department of Mechanical Engineering Sciences at Malnad College of Engineering, Hassan.
- Workshop on “Being a Great Teacher”, Department of Mechanical Engineering, MCE Hassan. Duration: November 3-4, 2018. Role: **Organizing Committee Member**.
- **Organizing Committee Member** in the International Conference on Green Trends in Mechanical Engineering Sciences - 2018 (GTMES-2018) on 3rd to 5th October 2018 organized by Department of Mechanical Engineering at Malnad College of Engineering, Hassan.
- **Organizing Committee Member** in the International Conference on Advances in Mechanical Sciences (ICAMS-2017) on 3rd to 5th May 2017 organized by Department of Mechanical Engineering at Malnad College of Engineering, Hassan.
- **Co-Ordinator** for One-week FDP on “Outcome based Education”, Department of Mechanical Engineering, MCE Hassan. Duration: September 1-5, 2022.

5. Awards/ Fellowships/ Recognitions

5.1 Awards

1. Recognized by Stanford University’s list (published by Elsevier) of the World’s Top 2% of the Most-Cited Scientists in Single Year Citation Impact 2022.
2. Young Researcher Award 2021- from Institute of Scholars (InSc).

5.2 Fellowships

1. KMUTNB Full-tuition Fee Waving Scholarship
2. KMUTNB PhD Scholarship (KMUTNB-62-PHD-11)

5.3 Editorial Board Member for Journals

- Editorial Board Member in editorial board of Frontiers in Mechanical Engineering
<https://www.frontiersin.org/journals/mechanical-engineering>

5.4 Reviewer of International Journals

Details: (<https://www.webofscience.com/wos/author/record/AAE-2448-2020>)

- International journal of pressure vessels and piping.
- Journal of Materials Research and Technology.
- Journal of Reinforced Plastics and Composites
- Journal of the mechanical behavior of biomedical materials.

5.5 Reviewer/ Member of International Conference Proceedings

1. International Conference on “**Trends in Mechanical Sciences (ICTMES 2020)**”. Duration: August 6-7, 2020, at Dept. of Mechanical Engineering Sciences, MCE, Hassan, Karnataka, India.
2. International Scientific Committee member in International Symposium on **Lightweight and Sustainable Polymeric Materials (LSPM’23)**, Feb 17, 2023, King Mongkut's University of Technology North Bangkok (KMUTNB), Bangkok, Thailand.
3. Reviewer for the **First Joint International Conference on Advances in Mechanical and Aerospace Engineering Alliance University, India & University of Strathclyde**, United Kingdom November 28-30, 2023
4. Scientific Committee Member for “**International Conference on Eco-friendly Fibers and Polymeric Materials (EFPM’24)**” which will be held in a hybrid mode on February 19-20, 2024, at Bangkok, Thailand.

5.6 Membership of Professional Societies

1. **Member**, MIAENG-172340 (2015) International Association of Engineers (IAENG).
2. LMINSC, **Life Member** of Institute of Scholars (2022).

6. Projects/ Research Grants

1. Investigation on Ballistic Mechanical Characteristics of Ramie-Hemp-Kevlar Based Vinyl Ester Hybrid Composites (2021-22) (KSCST – Student Project (Rs. 7000/-)) (45S_BE_0987)
(Selected for State Level Seminar)

7. List of publications

Book (1)

1. Sanjay Mavinkere Rangappa, Jyotishkumar Parameswaranpillai, Yashas Gowda T G, Suchart Siengchin, M. Ozgur Seydibeyoglu “Nanoparticle-Based Polymer Composites” Woodhead Publishing Series in Composites Science and Engineering. Elsevier Inc.

Book Chapters (9)

1. **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
2. **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.
3. 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.
4. Jagadeesh, Praveenkumara, Madhu Puttegowda, **Yashas Gowda Thyavihalli Girijappa**, Sanjay Mavinkere Rangappa, Munish Kumar Gupta, and Suchart Siengchin. “**Mechanical, electrical and thermal behaviour of additively manufactured thermoplastic composites for high performance applications.**” In Additive and Subtractive Manufacturing of Composites, pp. 167-199. Springer, Singapore, 2021.
5. Vinod, A., **Yashas Gowda**, Senthilkumar Krishnasamy, M. R. Sanjay, and Suchart Siengchin. “**Thermal Properties of Hybrid Natural Fiber-Reinforced Thermoplastic Composites.**” Natural Fiber-Reinforced Composites: Thermal Properties and Applications (2022): 17-30.
6. Yashas Gowda T.G , Sanjay Mavinkere Rangappa , Suchart Siengchin , and Jyotishkumar Parameswaranpillai “**Introduction to nanoparticle-based materials and their composites**” “Nanoparticle-Based Polymer Composites” Woodhead Publishing Series in Composites Science and Engineering.
7. Nagaraju, S.B., Priya, H.C., **Yashas Gowda T.G** and Puttegowda, M., 2023. Lightweight and sustainable materials for aerospace applications. In *Lightweight and Sustainable Composite Materials* (pp. 157-178). Woodhead Publishing.
8. Sathyanarayana, K., Puttegowda, M., Rangappa, S.M., Siengchin, S., Shivanna, P., Nagaraju, S.B., Somashekara, M.K., Girijashankar, P.B. and **Yashas Gowda T.G** 2023. Metallic lightweight materials: properties and their applications. In *Lightweight*

and Sustainable Composite Materials (pp. 47-67). Woodhead Publishing.

9. Jagadeesh, P., Puttegowda, M., **Yashas Gowda T.G.**, Sathyanarayana, K., Rangappa, S.M., Siengchin, S. and Hassan, S.A., 2023. Lightweight and sustainable materials for structural applications. In *Lightweight and Sustainable Composite Materials* (pp. 197-217). Woodhead Publishing.

Editorial Corner (1)

1. Madhu P, **Yashas Gowda T.G.** Innovative polymer science: Groundbreaking materials for a sustainable future. *Insight-Material Science*. 2023 Oct 9;6(1).

Journals (25)

1. G.Anil Kumar, J.Satheesh , **Yashas Gowda T.G.**, T.Madhusudhan "**Hybrid AluminiumMetal 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 powdermetallurgy 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](https://doi.org/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](https://doi.org/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](https://doi.org/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. **"Alkaline effect on characterization of discarded waste of Moringa oleifera fiber as a potential eco-friendly reinforcement for biocomposites."** Journal of Polymers and the Environment 28, no. 11 (2020): 2823-2836. <https://doi.org/10.1007/s10924-020-01818-4>
8. K N Bharath, Madhu P, **Yashas Gowda T G**, Akarsh Verma, Sanjay M R, Suchart Siengchin. **"A novel approach for development of printed circuit board from biofiber based composites."** Polymer Composites 41, no. 11 (2020): 4550-4558. <https://doi.org/10.1002/pc.25732>
9. K N Bharath, Madhu P, **Yashas Gowda T G**, Akarsh Verma, Sanjay M R, Suchart Siengchin. 2021. **Mechanical and chemical properties evaluation of sheep wool fiber–reinforced vinylester and polyester composites.** Materials Performance and Characterization, 10(1), pp.99-109. <https://doi.org/10.1520/MPC20200036>
10. Vinod, A., **TG Yashas Gowda**, R. Vijay, M. R. Sanjay, Munish Kumar Gupta, Muhammad Jamil, Vinod Kushvaha, and Suchart Siengchin. **"Novel Muntingia Calabura bark fiber reinforced green-epoxy composite: A sustainable and green material for cleaner production."** Journal of Cleaner Production 294 (2021): 126337. <https://doi.org/10.1016/j.jclepro.2021.126337>
11. **Yashas Gowda T G**, Vinod.A, Madhu P, Vinod Kushvaha, Sanjay M R and Suchart Siengchin **"A new study on flax-basalt-carbon fiber reinforced epoxy/bioepoxy hybrid composites”** Polymer Composites, 2021, <https://doi.org/10.1002/pc>.
12. Praveenkumara, J., P. Madhu, **T. G. Yashas Gowda**, M. R. Sanjay, and Suchart Siengchin. **"A comprehensive review on the effect of synthetic filler materials on fiber-reinforced hybrid polymer composites."** The Journal of the Textile Institute (2021): 1-9. <https://doi.org/10.1080/00405000.2021.1920151>
13. Praveenkumara Jagadeesha, Madhu Puttegowda, **Yashas Gowda Thyavihalli Girijappa**, Sanjay Mavinkere Rangappa, and Suchart Siengchin **"Effect of natural**

filler materials on fiber reinforced hybrid polymer composites: An Overview” Journal Of Natural Fibers 2022, VOL. 19, NO. 11, 4132–4147
<https://doi.org/10.1080/15440478.2020.1854145>

14. Jagadeesh, Praveenkumara, Vidya Sagar Honnenahally Ningappa, Madhu Puttegowda, **Yashas Gowda Thyavihalli Girijappa**, Sanjay Mavinkere Rangappa, Mohammad Rizwan Khan, Imran Khan, and Suchart Siengchin. "**Pongamia pinnata shell powder filled sisal/kevlar hybrid composites: Physicomechanical and morphological characteristics.**" Polymer Composites 42, no. 9 (2021): 4434-4447.
<https://doi.org/10.1002/pc.26160>
15. Jagadeesh, Praveenkumara, Madhu Puttegowda, **Yashas Gowda Thyavihalli Girijappa**, Sanjay Mavinkere Rangappa, and Suchart Siengchin. "**Carbon fiber reinforced areca/sisal hybrid composites for railway interior applications: Mechanical and morphological properties.**" Polymer Composites 43, no. 1 (2022): 160-172. <https://doi.org/10.1002/pc.26478>
16. Vinod, A., Jiratti Tengsuthiwat, **Yashas Gowda**, R. Vijay, M. R. Sanjay, Suchart Siengchin, and Hom Nath Dhakal. "**Jute/Hemp bio-epoxy hybrid bio-composites: Influence of stacking sequence on adhesion of fiber-matrix.**" International Journal of Adhesion and Adhesives 113 (2022), <https://doi.org/10.1016/j.ijadhadh.2021.103050>
17. Kangokar Mukesh, Sathvik, Nuthan Bettagowda, Jagadeesh Praveenkumara, **Yashas Gowda Thyavihalli Girijappa**, Madhu Puttegowda, Sanjay Mavinkere Rangappa, Suchart Siengchin, and Sergey Gorbatyuk. "**Influence of stacking sequence on flax/kevlar hybrid epoxy composites: Mechanical and morphological studies.**" Polymer Composites. 2022, <https://doi.org/10.1002/pc.26655>
18. **Yashas Gowda T G**, Madhu P, Vinod Kushvaha, Sanjay M R and Suchart Siengchin, "**Comparative evaluation of areca/carbon/basalt fiber reinforced epoxy/bio epoxy- based hybrid composites**" Polymer Composites, 2022, 1. <https://doi.org/10.1002/pc.26680>.
19. **Yashas Gowda T G**, Vinod.A, Madhu P, Sanjay M R, Suchart Siengchin and Mohammad Jawaaid "**Areca/synthetic fibers reinforced based epoxy hybrid**

- composites for semi-structural applications”** Polymer Composites, 2022, <https://doi.org/10.1002/pc.26814>
20. **Yashas Gowda T G**, Vinod.A, Madhu P, Sanjay M R, Suchart Siengchin and Mohammad Jawaaid **“Mechanical and thermal properties of flax /carbon/kevlar based epoxy hybrid composites”** Polymer Composites, 2022. <https://doi.org/10.1002/pc.26880>
21. Sreenivas Huligere Thimmaiah,Krishnamurthy Narayanappa, **Yashas Thyavihalli Girijappa**, Arpitha Gulihonenahali Rajakumara,Mohit Hemath,Senthil Muthu Kumar Thiagamani,Akarsh Verma **“An artificial neural network and Taguchi prediction on wear characteristics of Kenaf–Kevlar fabric reinforced hybrid polyester composites”** Polymer Composites. <https://doi.org/10.1177/15280837211064804>
22. **Yashas Gowda Thyavihalli Girijappa**, Ballupete Nagaraju, S., Puttegowda, M., Verma, A., Rangappa, S.M. and Siengchin, S., 2023. **Biopolymer-Based Composites: An Eco-Friendly Alternative from Agricultural Waste Biomass.** *Journal of Composites Science*, 7(6), p.242.
23. Bharath, K.N., Puttegowda, M., **Yashas Gowda, T.G.**, Arpitha, G.R., Pradeep, S., Rangappa, S.M. and Siengchin, S., 2023. **Development of banana fabric incorporated polymer composites for printed circuit board application.** *Biomass Conversion and Biorefinery*, pp.1-14.
24. Jagadeesh, P., Puttegowda, M., **Thyavihalli Girijappa, Yashas Gowda.**, Shivanna, P., Mavinkere Rangappa, S. and Siengchin, S., 2023. **Investigations on physical, mechanical, morphological and water absorption properties of ramie/hemp/kevlar reinforced vinyl ester hybrid composites.** *Journal of Vinyl and Additive Technology*.
25. Sharath Ballupete Nagaraju, Madhu Puttegowda, Madhu Kodigarahalli Somashekara, Yashas Gowda Thyavihalli Girijappa, Pradeep Dyavappanakoppalu Govindaswamy, Karthik Sathyanarayana **Advancing the Performance of Ceramic - Reinforced Aluminum Hybrid Composites: A Comprehensive Review and Future Perspectives**, *Applied Science and Engineering Progress* 17(02):7034

Conferences

International Conferences

1. **Yashas Gowda Thyavihalli Girijappa**, Sanjay Mavinkere Rangappa, Suchart Siengchin
“Mechanical Property Evaluation of Hybrid Areca/Basalt/Carbon fibers Reinforced Epoxy/Bio-Epoxy Composites” Research, Invention, and Innovation Congress Bangkok, Thailand, 1 – 2 September 2021. (Oral presentation)
2. **Yashas Gowda Thyavihalli Girijappa**, Sanjay Mavinkere Rangappa, Suchart Siengchin
Mechanical and thermal properties of flax /carbon/kevlar based epoxy hybrid composites. International conference on sugar palm and allied fibre polymer composites 2021 11 DECEMBER 2021(Oral presentation)

National Conferences

8. Certification Courses

1. Outcome Based Pedagogic Principles for Effective Teaching (NPTEL 4 Weeks Course). Conducted by IIT Kharagpur. Duration: August – September 2018.
2. Python for Data Science (NPTEL 4 Weeks Course). Conducted by IIT Madras. Duration: January - February 2023..

9. Short Term Courses/ Workshops/ Webinars Attended

Sl. No.	Title	Duration	Organized by
1.	Ansys –Solutions For General Mechanical Engineering Problems	23rd -27th February 2015	KSIT,Bengaluru
2.	Faculty Development Program on EmergingTrends in Materials and Manufacturing Technology (ETMMT)	27th February– 03 rd March,2017	Malnad College ofEngineering, Hassan
3.	Exclusive Faculty Development TrainingProgramme 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 ofEngineering, Hassan
5.	Three day workshop on Design and analysis of Airbus 350-900XWB and CFD	March 2017	Malnad College of Engineering,

	applications		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.	Being a great teacher	November 3rd and 4th November 2018	Mce,Hassan,Karnataka
12.	ATAL Online FDP on "Novel Materials"	5 TO 10 DEC 2020	Pillai College of Engineering
13.	Short Term Training Programme (STTP) Series on RECENT ADVANCES IN TRIBOLOGY AND SURFACE Series 2 of 4	14 TO 19 SEP 2020	Saintgits College of Engineering, Kottayam Kerala
14.	AICTE Training And Learning (ATAL) Academy Online FDP on "3D Printing & Design"	1 to 5 September 2020	Vidya Vardhaka College of Engineering, Mysore
15.	FDP on Advancements in Dynamic Analysis of Machine elements	27th to 29th July 2020	Vidya Vardhaka College of Engineering, Mysore
16.	FDP on Heating , Ventilation ,Air Conditionning and Refrigeration	3-8 August 2020	Vidya Vardhaka College of Engineering, Mysore
17.	ATAL Online FDP on "3 D Printing & Design "	01 st to 5 th September 2020	B.M.S College of Engineering
18.	Short Term Training Programme (STTP) Series on Recent Advances In Tribology And Surface Series 3 Of 4	12 th to 17 th October 2020	Saintgits College of Engineering, Kottayam Kerala
19.	Outcome based Education	19 th September	Malnad College of

		to 23 rd September 2022	Engineering, Hassan
20.	International Workshop on Hybrid composites for railway applications	18 th February 2022	KMUTNB (Virtual mode)
21.	Recent Trends in Composites, Department of Mechanical Engineering, Alliance College of Engineering and Design (ACED)	2-6 Jan 2023	Alliance University, Bengaluru.

Research Collaborators

- ✚ **Dr. Sanjay Mavinkere Rangappa**, King Mongkut's University of Technology North Bangkok (KMUTNB), Thailand.
- ✚ **Prof. Dr.-Ing. habil. Suchart Siengchin**, King Mongkut's University of Technology North Bangkok (KMUTNB), Thailand.
- ✚ **Dr. Mohammad Jawaidd**, Laboratory of Biocomposite Technology, Institute of Tropical Forestry and Forest Products (INTROP), Universiti Putra Malaysia, UPM Serdang, Selangor, Malaysia.
- ✚ **Dr. Anish Khan**, King Abdulaziz University, Jeddah, Saudi Arabia.
- ✚ **Dr. Sergey Gorbatyuk**, National University of Science and Technology MISIS, Moscow, Russia.
- ✚ **Dr. Catalin Pruncu**, Imperial College London.
- ✚ **Dr. Jyotishkumar Parameswaranpillai**, Alliance University, Bengaluru.
- ✚ **Dr. M K Gupta**, MNNIT Allahabad, Uttar Pradesh.
- ✚ **Dr. Vinod Kushvaha**, Indian Institute of Technology Jammu, India.
- ✚ **Dr. K N Bharath**, GM Institute of Technology, Davangere, India.
- ✚ **Akarsh Verma**, University of Petroleum and Energy Studies, Dehradun, Uttarakhand India.

For Further Details

Google Scholar	:	Dr.Yashas Gowda Thyavihalli Girijappa - Google Scholar
Research gate	:	https://www.researchgate.net/profile/Yashas-T-G
Web of Science	:	Thyavihalli Girijappa, Yashas Gowda - Web of Science Core Collection
Scopus	:	https://www.scopus.com/authid/detail.uri?authorId=57200792043
Orcid	:	https://orcid.org/my-orcid?orcid=0000-0003-3233-4462
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Professional Reference Details:

	Reference 1	Reference 2	Reference 3
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Relationship	Principal	HOD	Supervisor
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I hereby declare that the above-mentioned information is true to my knowledge, and I bear the responsibility for the above-mentioned.

Yashas Gowda T G