

Curriculum Vitae

Name : Dr. H. V. Divya
Date of Birth : 23-03-1987
Parent/Spouse's Name : T. P. Jeevan
Highest Qualifications : Ph. D.
Designation : Assistant Professor
Address : Assistant Professor,
Dept. of Industrial & Production Engineering
Malnad College of Engineering, Hassan, Karnataka, PIN: 573202
Email: hv.divya23@gmail.com hvd@mcehassan.ac.in

Education Qualification

Degree	University / Institution	Specialization	Year of passing
UG	V.T.U. / M.C.E., Hassan	Industrial & Production Engineering	2009
PG	V.T.U. / M.C.E., Hassan	Mechanical Engineering	2014
Ph. D.	V.T.U. / M.C.E., Hassan	Mechanical Engineering	2020

Teaching Experience

• **August 2010 – August 2013**

Lecturer

Department of Mechanical Engineering, MCE, Hassan.

• **August 2013–Till date**

Assistant Professor

Department of Industrial & Production Engineering, MCE, Hassan.

Academic Responsibilities Held

- Contineo Coordinator
- Seminar Coordinator
- Faculty Mentor
- Faculty Advisor

List of Publications:

Journals:

1. Mahesh D. C, **H.V. Divya**, Laxmana Naik. L, B.Yogesha& S.S. Bhattacharya “ Superplastic Tensile Behavior of Ti-Al-Mn alloy” International Journal of Scientific & Engineering Research, Volume 3, Issue 3, March 2012.
2. Jeevan T. P. **Divya H.V.** “Finite Element Modeling For The Stress, Buckling And Modal Analysis of A Cylindrical Pressure Vessel With Torispherical Enclosure” International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 www.ijert.org Vol. 2 Issue 6, June – 2013.
3. B.Yogesha,**Divya H.V**, S.S.Bhattacharaya “Superplasticity and Superplastic Tensile Behaviour of AA5083”, Advanced Materials Research 902, 2014 pp.24-28.
4. **Divya H. V.**, Laxmana Naik L, Yogesha B "Processing Techniques of polymer matrix composites-A review" International Journal of Engineering Research and General Sciences (IJERGS), in Volume 4, Issues 3, May - June 2016, ISSN-2091-2370.
5. **Divya H. V.**, H. M. Kavya , D. Saravanabavan , B. Yogesha. Evaluation of Mechanical Properties of Wood Particles Reinforced Polymer Composites, Manufacturing Science and Technology 5(2): 17-21, 2018, DOI: 10.13189/mst.2018.050201.
6. **Divya H. V.**, Rudresh B M, Jeevan T P, Yogesha B, Effect of wood filler on mechanical properties of short carbon fiber reinforced Polypropylene Hybrid Composites, International Research Journal of Engineering and Technology, Vol.7: 389-393, 2020.
7. **Divya H. V.**, Jeevan T P, H. S. Ashrith, Rudresh B. M. “Effect of wood filler on the mechanical and thermal behavior of polypropylene/short glass/short carbon fiber-reinforced hybrid composites” 2022/7, Volume 44, issue 7, Journal of the Brazilian Society of Mechanical Sciences and Engineering, Springer Berlin Heidelberg.

Book Chapter:

1. “**3D Printing of Crystalline Polymers**”, 2023/10/30, 233-254, Polymer Crystallization: Methods, Characterization and Applications, Wiley-VCH GmbH.

Conferences:

1. B Yogesha, **Divya H.V**, S.S.Bhattacharaya “**Superplasticity and Superplastic Tensile Behaviour of AA5083**”, 2nd International conference on Manufacturing engineering and

Technology for Manufacturing Growth (METMG2014), January 20-21, 2014, Miami, State of Florida, USA.

2. **Divya H. V., Rudresh B.M., H. M. Kavya, D. Saravanabavan , B. Yogesha. Effect of Wood Filler on Tensile and Flexural Properties of Short Glass Fiber Reinforced Polypropylene Hybrid Composites**, National Conference on Science & Technology, 26th - 28th March 2019, ATME College of Engineering, Mysuru.
3. **Divya H. V., Rudresh B M, Jeevan T P, Yogesha B, Effect of wood filler on mechanical properties of short carbon fiber reinforced Polypropylene Hybrid Composites**, International Conference on Recent Trends in Science & Technology, ICRTST - 2020, 17th & 18th June 2020.
4. **Kavya H M, Divya H V, Rudresh B M, D. Saravana Bavan, B. Yogesha., Investigation of Tribological Properties of Wood Filler Filled Polymer Hybrid Composites**, International Conference on Trends in Mechanical Engineering Sciences (ICTMES -2020), 6-7th August, 2020, MCE, Hasaan
5. **Divya H. V., Kavya H. M., , Effect of wood filler and short Glass fiber on mechanical properties of Polypropylene Hybrid Composites**, International Conference on Frontiers in Engineering Sciencee and Technology, ICFEST - 2020, 18th& 19th December 2020.

List of short-term courses/FDP Conducted:

1. **Yoga-Body and Mind Management** conducted at MCE, Hassan under TEQIP-III durin 24th and 25th April 2018.
2. **Total Quality Management** conducted at MCE, Hassan under TEQIP-III during 28th May to 1st June 2018.
3. **Additive Manufacturing and Automation** conducted at MCE, Hassan under TEQIP –III during 27th and 28th March 2017.

List of short-term courses / FDPattended:

1. **Teaching Effectiveness**, 29th -30th March 2013, M.C.E. Hassan.
2. **Recent Advances in Thermal Engineering and its Applications (RATA 2013)**, 20th -24st May 2013, M.C.E. Hassan
3. **Recent advances in mechatronics Engineering and its application (RAMA 2013)**, 30th - 31st May 2013, M.C.E. Hassan
4. **Comprehensive Course on Solar Photovoltaic system design and Installation & Trouble Shooting**, 18th -22nd July 2013, M.C.E. Hassan

5. **Deriving program educational objectives/ program outcomes/ course outcomes/ Assessments for NBA self Assessment Report**, 11th -13st July 2013, M.C.E. Hassan
6. **Empowering Teachers**, 24th -25st October 2013, M.C.E. Hassan
7. **Hydraulics And Pneumatics Systems In Industrial Automation**, 27th January 2014 to 29th January 2014 MCE-BOSCH REXROTH Regional centre of competency in automation technologies, MCE, Hassan
8. **Analytical And Numerical Techniques In Applied Mathematics And Engineering**, 28th July to 2nd August 2014, MCE, Hassan
9. **Essential Skills For Mechanical Engineers**, 1st September to 5th September 2014, MCE, Hassan.
10. **Challenges in Non-Conventional Energy Sources** conducted at MCE, Hassan under TEQIP-III during 09th to 13th April 2018
11. **Advanced Mathematical Tools in Engineering Applications** conducted at MCE, Hassan under TEQIP-III during 2nd to 6th July 2018.
12. **Writing Effective Course Outcomes** conducted at MCE, Hassan under TEQIP-III on 13th July, 2018
13. **Outcome Based Education** conducted by MCE, Hassan under TEQIP-III during 4th & 5th August, 2018
14. **Training the Proctors for Effective Counseling** conducted by Welfare & Grievance Redressal & Proctor System Committee, MCE, Hassan on 23rd March 2019 under TEQIP-III
15. **Formulation, Modelling and Practical Applications of Operations Research** conducted by MCE, Hassan under AICTE 25th May to 6th June, 2015
16. **Advanced Manufacturing Processing Techniques** conducted by MCE, Hassan under TEQIP-III 12th to 17th February 2018
17. **Challenges in Non-Conventional Energy Sources Techniques** conducted by MCE, Hassan under TEQIP-III 09th to 13th April 2018
18. **Total Quality Management** conducted by MCE, Hassan under TEQIP-III 28th May to 1st June, 2018
19. **“Being a Great Teacher”** conducted by MCE, during 3rd & 4th November, 2018.
20. **Trends in Energy Conversion Technologies**, 6th to 11th July 2020, VVCE, Mysore
21. **Digital Transformation in Teaching Learning Process**, 6th to 22nd April 2020, IIT, Bombay
22. **Advanced in Material Technology**, 1st to 5th July 2020, MCE, Hassan
23. AICTE Sponsored **Advances in Tribology and Surface Engineering**, 14th to 19th September 2020, Saintgits, Kottayam, Kerala
24. AICTE Sponsored **Advances and Recent Trends in Additive Manufacturing**, 21st to 25th September 2020, Vasireddy Venkatadri Institute of Technology, Guntur, AP
25. AICTE Sponsored **“Creating Smart and Green Society through Advance Technology of Green Energy”** 10th to 15th December 2020, MCE, Hassan

26. **“IUCEE International Engineering Educator Workshop Phase 1”** from Jan 23rd – 25th, 2020 at MCE, Hassan.
27. **“Digital Transformation in Teaching Learning Process”**, April 6th to April 22nd 2020.
28. **“Recent Advances in Tribology and Surface Engineering”** 12th to 17th October, at Saintgits College of Engineering, Kottayam, Kerala.(Online)
29. **“Design Thinking”** AICTE – ISTE sponsored refresher course held during 7th March to 12th march 2022, at VTU e-learning, VVCE, Mysore.
30. **“Outcome Based Education”** 19th to 23rd September 2022 at MCE, Hassan.
31. **“One Day Workshop on Programming in Python”** 10th December, at MCE Hassan.
32. **“Salesforce Platform Developer 1”** conducted bt ICT Academy from 29th May 2023 to 2nd June 2023 at MCE, Hassan

Swayam/MOOC Courses attended

1. **“Online Teaching”** conducted by IUCEE team of Faculty.
2. NPTEL online certification on **“Introduction to Composites”**.
3. NPTEL online certification on **“Leadership in Governance Part-II”**.
4. NPTEL online certification on **“Design Thinking a Primer”**

Proposals for Funded Projects

- VGST Government of Karnataka. (*RGS/F for year 2020-21*)
- VGST Government of Karnataka. (*RGS/F for year 2021-22*)

Other Contributions

- Invited as resource person by Krishik Foundation and Corporation Bank for competitive exams coaching (2014-2019).
- Received Best Project Guide in the year 2017-2018 for the project titled **“Design of setup weld fixture for BG605A rare frame”**.

I hereby declare that the above information provided are true according to my knowledge

Dr. H. V. Divya