

RESUME



Name : Dr. B.Yogesha

Date of Birth : 20-05-1963

Highest Qualifications : Ph D (IIT Madras, Chennai)

Address : Professor, Dept. of Mechanical Engineering
Malnad College of Engineering, Hassan,
Karnataka, PIN: 573202
#+919448996433
Email:by@mcehassan.ac.in

Academic Performance: (High School to Highest Qualifications)

Qualifications	Board / IIT / University	Institute and place where studied	Year of passing	Class / % marks
SSLC	KSSEE Board	S.J.H.S, Chikkamagluru	1979	FIRST/ 65
PUC / 10+2	PU Board	I.D.S.G Govt. College, Chikkamagluru	1981	SECOND /51
UG Degree	University of Mysore	A.I.T, Chikkamagluru	1986	FIRST/ 62
PG Degree	IIT Kharagpur	IIT Kharagpur	1998	CGPA- 8.34
Ph. D.	Department of Materials & Metallurgy, IIT Madras, Chennai.	IIT Madras, Chennai.	2006	-
	Superplasticity and Superplastic forming behavior of a Ti-Al-Mn alloy			
Field of Specialization: Metal forming - Super plastic forming, Theory of plasticity and plastic deformation, Composite Materials.				

CAREER PROFILE:

Designation	Institution/Organization	Period
Professor	Malnad College of Engineering, Hassan, Karnataka, INDIA.	July 2006 till date
Sel. Grade Lecturer	- do -	1998 - 2005
Lecturer	- do -	1988 - 1997

Responsibilities held:

- Coordinator for P.G. programme, Mechanical Engg. Dept. Malnad College of Engineering, Hassan.
- Doctoral Committee member, Anna University, Chennai, Tamilnadu, India.(2007-2010).
- Member, BOS UG (B,E, Mechanical) PESCE, Manday. (2019-2021).
- Member, Academic Council, Nagarjuna College of Engineering and Technology, Bangaluru. (8-10-2020 to 8-10-2022)

Membership of Professional Societies:

Life Member:

LM-3673 (1988) Indian Society for Technical Education, New Delhi, India,

MI31526-3 (2006) Institute of Engineers, Kolkata, India.

List of short-term courses/FDP/Conference Conducted:

1. World Bank – TEQIP Faculty Development Programme on “**Recent Advances in Materials and Manufacturing**” from August, 21-25 2006, for the Degree Level Engineering College Teachers.

2. AICTE sponsored Faculty Development Programme on “**Formulation, Modeling & Practical applications of Operations Research**” (F.No21-/RIFD/FDP/POLICY-1/2014-2015). from May 25th to June 6th, 2015.
3. TEQIP Sponsored **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.

Establishment of Laboratories/Special Facilities:

Year	Name of Facility Established	Remarks	Amount
2014-2015	Tribological and mechanical property evaluation of natural-glass fiber reinforced composites	AICTE-RPS [Ref.No.:8-191/RIFD/RPS/POLICY-1/2014-2015]	Rs.8,82,352/-
2015-2016	Superplasticity and superplastic forming capabilities of OT4-1 alloy	GTRE, DRDO [Supply order No. GTRE/MMG/BMR1/1015/16/CARS/A/16]	Rs.9,67,000/-
2018-2019	Fabrication and characterization of bamboo fiber –polymer matrix composite material	ASTU/TEQIP-III/ Collaborative research/2019/2548	2,70,000/-

Referee for Journals:

Name of the Journal	Publisher
Mechanical Engineering Research http://ccsenet.org/journal/index.php/mer/about/editorialTeam	Canadian Center of Science and Education
IJMER(Indian Journal of Mechanical Engineering Research) www.gbspublisher.com	GBS Publishers
Global Journals Inc. (US) http://globaljournals.us	Global Association of Research
International Journal of Engineering Trends and Technology (IJETT) http://www.ijettjournal.org	Seven Sense Research Group
Journal of Advanced Research in Mechanical Engineering and Technology http://technology.adrpublications.com/index.php/JoARMET	Advance Research Publication
International Journal of Modern Trends in Engineering and Science http://ijmtes.com/editorial-board	IJMTES Journal
International Journal of Inventions in Engineering & Science Technology http://www.irapub.com	IRA Publications
International Journal of Engineering Research & Technology (IJERT) http://www.ijert.org/about-us/review-board	ESRSA Publication
World Academy of Science, Engineering and Technology (WASET) https://www.waset.org/	International Scientific Committee, USA
International Journal of Engineering Research and General Sciences http://www.ijergs.org/research-team	IJERGS
International Journal of Research Trends in Engineering and Technology http://ijrtet.com/	VEDANTA Publications
(International Journal of Engineering Technology, Management and Applied Sciences) http://www.ijetmas.com/editorial_board.php	IJETMAS
International Journal For Indian Innovative Research Engineering Streams of Technological Sciences http://ijiirests.co/editorial.php	IJIIRESTS

List of Publications:

JOURNALS	CONFERENCES	Book Chapter
57	23	02

Journals:

1. **B Yogesha, S S Bhattacharaya**“**Superplastic Behavior of Ti-Al-Mn alloy**”. International Journal Materials Science and Manufacturing Science & Production Vol 9, Nos 1 – 2, 2008.
2. H Nagaprasad, **B Yogesha**“**Enrichment of Quality and Productivity through Simple Measurement Techniques**”. Proceedings of the International MultiConference of Engineers and Computer Scientists 2008 Vol II IMECS 2008, 19-21 March, 2008, Hong Kong.
3. H Nagaprasad, **B Yogesha** “**Making World Class Product Through Quality Process Management**” Proceedings of the World Congress on Engineering and Computer Science 2008 WCECS 2008, October 22 - 24, 2008, San Francisco, USA.
4. H Nagaprasad, **B Yogesha** “**Enrichment of Customer Satisfaction Through Total Quality Management Techniques**”. Proceedings of the International MultiConference of Engineers and Computer Scientists 2009 Vol II IMECS 2009, March 18 - 20, 2009, Hong Kong.
5. **B Yogesha, S S Bhattacharaya** “**Superplastic hemispherical Bulge Forming of a Ti-Al-Mn Alloy**”. International Journal of Scientific & Engineering Research, Volume 2, Issue 12, December 2011.
6. A N Basavraj, Joseph Gonsalvis, **B Yogesha** “**Performance study of Methanol Blended Petrol in SI Engine**” International Journal of Engineering Science Invention, Volume 2, Issue 3, March 2013.
7. A N Basavraj, Joseph Gonsalvis, **B Yogesha** “**Simultaneous Attainment of Fuel Consumption, High Output Power and Low Exhaust Emission in a Preheated Fuel of 350cc Si Engine**”, IOSR Journal of Engineering (IOSRJEN), Volume 3, Issue 4, April 2013.
8. Naveen P, **B Yogesha** and Manish Jain “**Optimization of Robotic Arc Welding Process By Eliminating Plc To Reduce the Overall Cost**” International Journal of

Engineering Research and Technology(IJERT) ISSN: 2278-0181, Volume 2, Issue 6, June- 2013.

9. Divya H V, Laxmana Naik L, G C Gopalkrishna, V VBongale, **Yogesha B “Superplastic Behaviour of Aluminium Alloy-AA5083”**, International Journal of Engineering Research & Technology, Vol 2, Issue 7, July-2013.
10. Neethashree N R, **B Yogesha**,Gudipati Pradeep Kumar **“Automation Of Alternator Test Bench To Ensure Accurate Testing Using Plc And Hmi”**, International Journal of Engineering Research & Technology (IJERT), Vol. 2 Issue 7, July – 2013 (ISSN: 2278-0181).
11. Swathy S P, M G Vasundhara and **B Yogesha“PLC Based Automatic Racking System”**. International Journal of Engineering Research & Technology (IJERT), Vol. 2 Issue 8, August – 2013 (ISSN: 2278-0181).
12. Shiraz pasha B R, **B Yogesha**, **“Microcontroller based Automated Irrigation System”**, The International Journal of Engineering & Sciences (IJES), Vol.3, Issue 7. (ISSN (e): 2319-1813). July-2014.
13. Sanjay M R, Arpitha G R, **B Yogesha**,**“Investigation on Mechanical Property Evaluation of Jute - Glass Fiber Reinforced Polyester”**, IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684,p-ISSN: 2320-334X, Volume 11, Issue 4 Ver. July- August. 2014, pp. 50-57.
14. Sanjay M R, Arpitha G R,Vasundhara M G, **B Yogesha**,**“Study on Mechanical Characteristics of Unidirectional Sisal/Glass Fiber Reinforced Polyester Hybrid Composites ”**,International Journal of Science and Research (IJSR),Volume 3 Issue 8, August 2014, ISSN: 585-588.
15. Arpitha G R, Sanjay M R, L Laxmana Naik, **B Yogesha“Mechanical Properties of Epoxy Based Hybrid Composites Reinforced with Sisal/SIC/Glass Fibers”** International Journal of Engineering Research and General Science (IJERGS), Volume 2, Issue 5, August-September,2014, ISSN: 2091-2730.
16. Arpitha G R, Sanjay M R, **B Yogesha” Review on Comparative Evaluation of Fiber Reinforced Polymer Matrix Composites”** Advanced Engineering and Applied Sciences: An International Journal 2014; 4(4): 44-476, October 2014.
17. Sanjay M R, **B Yogesha** & N K S Rajan, **“Experimental and CFD simulation of Producer Gas Carburetor”** International Journal of Scientific & Engineering Research, Volume 5, Issue 7, July-2014, pp.782-789, ISSN 2229-5518.

18. **B.Yogesha, Divya H.V, S.S.Bhattacharaya** “**Superplasticity and Superplastic Tensile Behaviour of AA5083**”, Advanced Materials Research 902, 2014 pp.24-28.
19. A.N.Basavaraju, Mallikappa, **B.Yogesha** “**Investigation on Performance of SI Engine to Improve the Combustion Characteristics by Using Pre-heated fuel**” International Journal of Science and Research (IJSR), Volume 4 Issue 2, February 2015, ISSN (Online): 2319-7064.
20. M R Sanjay, G R Arpitha, **B Yogesha**, “**Study on Mechanical Properties of Natural - Glass Fibre Reinforced Polymer Hybrid Composites: A Review**” Elsevier, Materials Today: P, Volume 2, Issue 4-5, 2015, pp.2959-2967.
21. Harshitha Keshav, **B Yogesha**, “**Automatic Monitoring and Controlling of Distribution Transformer using Power Line Communication**” July 2015, IJIRT, Volume 2 Issue 2 | ISSN: 2349-6002.
22. L Laxman Naik, K Gopalkrishna, **B Yogesha**. “**Review on Mechanical Properties of Sisal and Banana Reinforced Composites**” International Journal of Engineering Research and General Sciences (IJERGS), in Volume 3, Issues 5, September - October 2015, ISSN-2091-2370.
23. A.N.Basavaraju, Mallikappa, **B.Yogesha**. “**Performance of SI Engine to Improve the Combustion Characteristics by Using Methanol Blended Petrol**” Applied Mechanics and Materials, Volume, 813, pp.857-861, 2015.
24. Sanjay M R, Arpitha G R, L Laxmana Naik, **B Yogesha**, “**Design and Fabrication of Ginger Harvesting Machine**” World Journal of Engineering and Technology, 2015, 3, 320-338.
25. M R Sanjay, **B Yogesha**, “**Studies on Mechanical Properties of Jute/E-Glass Fiber Reinforced Epoxy Hybrid Composites**” Journal of Minerals and Materials Characterization and Engineering (JMMCE), 2016, 4, 15-25.
26. M R Sanjay, G R Arpitha, L Laxmana Naik, K Gopalakrishna, **B Yogesha**, “**Applications of Natural Fibers and Its Composites: An Overview**” Natural Resources, 2016, 7, 108-114.
27. M R Sanjay, **B Yogesha**, “**Study on Water Absorption Behaviour of Jute and Kenaf Fabric Reinforced Epoxy Composites: Hybridization Effect of E-Glass Fabric**” International Journal of Composite Materials, 2016, 6 (2), pp.55-62.

28. A. N. Basavaraju, Mallikappa, **B. Yogesha**, "**Performance of SI Engine by Using Pre-heated Fuel with Carburetor**" International Journal of Energy Engineering 2016, 6(1): 16-24.
29. 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.
30. Ranjith T.R, **Yogesha B**. "**Re-configurable Hybrid Smart Micro-Grid Based on CAN and RS Protocol with Solar Energy**" International Journal of Modern Trends in Engineering and Science, Volume 3, Issues 10, 2016, ISSN-2348-3121.
31. H R Deepika, **B Yogesha**, H V Ramakrishna "**An Effective Algorithms for Optimization of Process Planning and Scheduling: A Review**" International Journal of Engineering Research and General Sciences (IJERGS) Volume 4, Issues 4, 2016, ISSN-2091-2370.
32. M R Sanjay,G R Arpitha, L Laxmana Naik, K Gopalakrishna, **B Yogesha**, "**Studies on Mechanical Properties of Banana/E-Glass Fabrics Reinforced Polyester Hybrid Composites**", Journal of Materials and Environmental Science, 7 (9), 2016, pp.3179-3192. ISSN : 2028-2508.
33. M R Sanjay,G R Arpitha, L Laxmana Naik, K Gopalakrishna, **B Yogesha**, "**Experimental Investigation on Mechanical Properties of Hemp/E-Glass Fabric Reinforced Polyester Hybrid Composites**" Journal of Materials and Engineering Structures 2016, 3, pp. 117-128.
34. L Laxman Naik, K Gopalkrishna, **B Yogesha**. "**Physical and Water Absorption Behaviour of Sisal – Glass Fiber Reinforced Polymer based Composites**" American Journal of Materials Science 2016, 6(4): 91-94.
35. G R Arpitha, M R Sanjay, **B Yogesha**, "**State-of-Art on Hybridization of Natural Fiber Reinforced Polymer Composites**" Colloid and Surface Science, 2, 2, 2017, pp. 59-65.
36. Kavya H. M, **B. Yogesha**, Ranjit Bauri, "**Fabrication of Mg-Fe composite by Friction Stir Processing**" International Journal of Engineering Sciences & Research Technology, 2017, ISSN: 2277-9655
37. Yashas Gowda T G, Shivanand G B, Anil Kumar G, J Sateesh, **B Yogesha**, "**Effect of B4C and Sic on Mechanical and Tribological Properties of Aluminium Metal**

Matrix Composites"International Journal of Engineering Sciences & Research Technology, 2017, ISSN: 2277-9655

38. G R Arpitha, **B Yogesha**, "An Overview on Mechanical Property Evaluation of Natural Fiber Reinforced Polymers" Elsevier, Materials Today: P,4, 2017, pp. 2755–2760.
39. M R Sanjay, **B Yogesha**, "Studies on Natural/Glass Fiber Reinforced Polymer Hybrid Composites: An Evolution" Elsevier, Materials Today: P,4, 2017, pp. 2739–2747.
40. L Laxmana Naik, Kavya H M, K Gopalkrishna, **B Yogesha**, "Tensile Property Evaluation of Sisal – Glass Fiber Reinforced Polymer based Composites" International Journal of Composite Materials, 2017, 7 (3), pp.77-81.
41. Sanjay M R, **B Yogesha**, "Studies on Hybridization Effect of Jute/Kenaf/E-glass Woven Fabric Epoxy Composites for Potential Applications: Effect of Laminate Stacking Sequences" SAGE, Journal of Industrial Textiles, 2017.
42. G R Arpitha, Sanjay M R, P Senthamarai kanna n, Claudia Barile, **B Yogesha**, "Hybridization Effect of Sisal/Glass/Epoxy/Filler Based Woven Fabric Reinforced Composites" SPRINGER, Experimental Techniques, 2017.
43. D Athith, Sanjay M R, T G Yashas Gowda, P Madhu, G R Arpitha, Med Amin Omri, **B Yogesha**, "Effect of Tungsten Carbide on Mechanical and Tribological Properties of Jute/Sisal/E-Glass Fabrics Reinforced Natural Rubber/Epoxy Composites" SAGE, Journal of Industrial Textiles, 2017.
44. P Madhu, M R Sanjay, P Senthamarai kanna n, S Pradeep, S S Saravanakumar, **B Yogesha**, "A review on synthesis and characterization of commercially available natural fibers: Part-I" TAYLOR & FRANCIS GROUP, Journal of Natural Fibers, 2018.
45. P Madhu, M R Sanjay, P Senthamarai kanna n, S Pradeep, S S Saravanakumar, **B Yogesha**, "A review on synthesis and characterization of commercially available natural fibers: Part-II" TAYLOR & FRANCIS GROUP, Journal of Natural Fibers, 2017.
46. Sanjay M R, G R Arpitha, P Senthamarai kanna n, M Kathiresan, M A Saibalaji, **B Yogesha**, "Hybrid Effect of Jute/Kenaf/E-glass Woven Fabric Epoxy Composites for Medium Load Applications: Impact, Inter-laminar strength and failure

surface characterization" TAYLOR & FRANCIS GROUP, Journal of Natural Fibers, pp. 1-13, 2018.

47. T G Yashas Gowda, Sanjay M R, Subrahmanya Bhat, P Madhu, P Senthamarai Kannan, **B Yogesha**, "Polymer matrix-natural fiber composites: An overview" TAYLOR & FRANCIS GROUP, Cogent Engineering, 2018.
48. K Ganesan, C Kailasanathan, Sanjay M R, P Senthamarai Kannan, **B Yogesha** "A new assessment on mechanical properties of jute fiber mat with egg shell powder/nanoclay reinforced polyester matrix composites" TAYLOR & FRANCIS GROUP, Journal of Natural Fibers, 2018.
49. P Manimaran, Sanjay M R, P Senthamarai Kannan, **B Yogesha**, Claudia Barile, Suchart Siengchin, "A new study on characterization of Pithecellobium dulce fiber as composite reinforcement for light-weight applications " TAYLOR & FRANCIS GROUP, Journal of Natural Fibers, 2018.
50. Sanjay M R, Mohammad Jawaid, N V R Naidu, **B Yogesha**, "TOPSIS Method For Selection of Best Composite Laminate" Woodhead Publishing Series in Composites Science and Engineering.
51. H. V. Divya , H. M. Kavya , D. Saravana Bavan , **B. Yogesha**, "Evaluation of Mechanical Properties of Wood Particles Reinforced Polymer Composites", Manufacturing Science and Technology, 5 , 17 - 21. doi: 10.13189/mst.2018.050201.
52. Vaibhav Khola, Lakshmi B G, **B Yogesha**, "Hydrogen Powered Fuel Cell Vehicles", EPRA International Journal of Research and Development (IJRD), Volume: 3, Issue: 11, November 2018, ISSN: 2455-7838.
53. Vaibhav Khola, Lakshmi B G, **B Yogesha**, "Rapid Prototyping - A Key Tool For Surgery", EPRA International Journal of Research and Development (IJRD), Volume: 3, Issue: 11, November 2018, ISSN: 2455-7838.
54. P Madhu, MR Sanjay, S Pradeep, K Subrahmanya Bhat, **B Yogesha**, Suchart Siengchin, "Characterization of cellulosic fibre from Phoenix pusilla leaves as potential reinforcement for polymeric composites", Journal of Materials Research and Technology, Volume: 8, Issue: 3, May 2019, ELSEVIER.
55. Mohamed Amin Omri, Sanjay M R, Asma Triki, **B Yogesha**, Kallel Ali, "Dielectric properties and interfacial adhesion of Jute, kenaf and E-glass fabrics reinforcing Epoxy composites", Jun 2019, Wiley, Polymer Composites.

56. Madhu, P., M. R. Sanjay, Anish Khan, Ahmed Al Otaibi, Salma Ahmed Al-Zahrani, S. Pradeep, **B. Yogesha**, PawineeBoonyasopon, and SuchartSiengchin. "**Hybrid Effect of PJFs/E-glass/Carbon Fabric Reinforced Hybrid Epoxy Composites for Structural Applications.**" Journal of Natural Fibers (2020): 1-11.
57. Sanjaykumar M sajjan, Vittal kumar A bongale, **B. Yogesha**. "**Natural Fiber Reinforced Polymer Compositesfor Automobile Applications:Recent Trends.**" International Research Journal of Engineering & Technology (IRJET), Vol 7 Issue 11/Nov 2020.
58. Sanjaykumar M Sajjan, Vittal Kumar A Bongale, **Yogesha B**, Pradeep S. "Applications of Biomaterials in Automobile, Medicine and Food Industries. International Journal of Recent Scientific Research (IJRSR) Vol 11, Issue 12 December 2020.
59. Sanjaykumar M Sajjan, Vittal Kumar A Bongale, Atith D, **B Yogesha**."Study on the Mechanical Properties of Natural Fiber Reinforced Hybrid Composites with Natural Rubber as a filler" International Journal for research in Engineering Application and Management (IJREAM). Vol-06, Issue-09, Dec 2020. ISSN 2454-9150.
60. Hareesha.M, **B.Yogesha**, Laxmana Naik L,Sarvanabhavan D. "Development of Graphene based polymer composite materials and their applications-A Recent review" AIP Conference proceedings 2316, 030016 (February 2021).

Conferences:

1. **B Yogesha**, S S Bhattacharaya "**Experimental Investigations On The Superplastic Behaviour of a Ti-Al-Mn Titanium Alloy**" at the Eighth International Conference on non-ferrous metals-2004, August 6-7, 2004. Hotel Oberoi, Bangalore. India.
2. **B Yogesha**, SSBhattacharaya "**Some Studies On The Superplastic Deformation Behavior Of A Ti-Al-Mn Alloy**" at the 3rd International Conference on material processing for properties and performance (MP³), 24-26 November 2004, Singapore.
3. **B Yogesha**, S SBhattacharaya "**Superplastic bulge forming of aTi-Al-MnAlloy**" at the International Symposium of Research Students on Materials Science and Engineering (ISRS-2004)during December 20-22, 2004, IIT Madras Chennai, India.
4. **B Yogesha**, S SBhattacharaya "**Hemispherical Bulge Forming of a Ti-Al-Mn Alloy by Superplastic Forming**" at the International Symposium of National Metallurgist Day and Annual Technical Meeting (NMD-ATM-2006), 13-16 November 2006 at Jemshedpur (Tatanagar), India.

5. **B Yogesha, S SBhattacharaya**“**Experimental and Numerical Approaches in Superplastic Hemispherical Bulge Forming of a Ti-Al-Mn Alloy**” at the 5th International Conference on material processing for properties and performance (MP3), 11-15 December 2006, Singapore.
6. **B Yogesha, S SBhattacharaya**“**Superplasticity and Superplastic Forming Behavior of Alloy in Aerospace Application**” at the National Conference on Development of Advanced Composite Components in Aerospace and Automobile Applications, February 9-10, 2007. B.I.E.T Davanagere, Karnataka.
7. **B Yogesha, S SBhattacharaya**“**Superplastic Forming Behavior of Ti_Al-Mn alloy**”. International Conference on Materials Processing for Properties and Performance (MP3 - 2007). Beijing, China (14th-16th September, 2007).
8. **B Yogesha, H Nagaprasad** “**Productivity Enrichment through Organisation of Materials Management**”. International Conference on Materials Processing for Properties and Performance (MP3 - 2007). Beijing, China (14th -16th September, 2007).
9. **B Yogesha, S SBhattacharaya**“**Thermo Forming of Titanium Alloy**” at the International Symposium of National Metallurgist Day and Annual Technical Meeting (NMD-ATM-2007), 16-19 November 2007 at Nehru Centre, Mumbai, India.
10. **B Yogesha, Anusha Harish, S. S. Bhattacharaya** “**Prediction of forming behavior of titanium alloy using artificial neural networks**. International Conference on Materials Processing for Properties and Performance (MP3 - 2008). Singapore. (5th -7th Nov, 2008).
11. Naveen P, **B Yogesha, Manish Jain** “**Optimization of Robotic Arc Welding Process by Eliminating PLC**” at the cogNIEscience the national level technical paper presentation, 10th -11th May 2013 at NIE Mysore.
12. Neethashree N R, **B Yogesha, Gudipatti Pradeep Kumar** “**Automation of Alternator Test Bench Using Siemens S7-300**” at the international conference on Advanced Materials, Manufacturing, Management and Thermal sciences, held 3rd and 4th May 2014 at SIT, Tumkur.
13. **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.

14. Sanjay M R, Arpitha G R, **B Yogesha**, "**Study on Tensile Property Evaluation of Jute – Glass fiber reinforced Polyester**", National conference on, Advancement in Materials Science (AMS 2014), Coimbatore Institute of Technology (CIT), TamilNadhu, September 26th & 27th 2014.
15. G R Arpitha, **B Yogesha**, "**Study on Tensile and Dry Sliding Wear Behavior of Epoxy Based Fiber Reinforced Composites**".5th Nirma University International Conference on Engineering, 26 - 28 November, 2015 Ahmedabad, Gujarat, India. Paper published in Multi-disciplinary Sustainable Engineering: Current and Future Trends, Taylor & Francis group, London, ISBN 978-1-138-02845-6.
16. Arpitha G R, **B Yogesha**, "**Study on Flexural and Impact Properties of Epoxy Based Fiber Reinforced Composites**". Second International Conference on Materials and Manufacturing Technology (ICMMT-2015), 3 - 4 December 2015, VVIT, Bangalore, India (Paper published in McGraw-Hill Education, New Delhi).
17. Sanjay M R, **B Yogesha**, "**Mechanical Properties Evaluation of Jute/E-Glass Fiber Reinforced Epoxy Composites**". Second International Conference on Materials and Manufacturing Technology (ICMMT-2015), 3 - 4 December 2015, VVIT, Bangalore, India (Paper published in McGraw-Hill Education, New Delhi).
18. Sanjay M R, **B Yogesha**, AnggitMurdani, "**Physical and Mechanical Properties Evaluation of Hemp/E-Glass Fabric Reinforced Hybrid Isophthalic Polyester Composites**" International Conference on Technologically Advanced Materials (ICTAM) and Asian Meeting on Ferroelectricity (AMF10) November 7-11, 2016 at University of Delhi, New Delhi.
19. M R Sanjay, G R Arpitha, Ronak C Gajera, Jayesh M Dhodiya, **B Yogesha**, "**Selection of Composite Laminates: Based on Topsis Method**" International Conference on Advances in Mechanical Sciences (**ICAMS-2017**), May 3 - 5, 2017 at Malnad College of Engineering, Hassan.
20. Arpitha G R, M R Sanjay, **B Yogesha**, "**Review on Fabrication Process of Natural Fibre Reinforced Composites**" International Conference on Advances in Mechanical Sciences (**ICAMS-2017**), May 3 - 5, 2017 at Malnad College of Engineering, Hassan.
21. P Madhu, Sanjay M R, S Pradeep, **B Yogesha**, "**Study on Tensile Behaviour of Century/Carbon Fiber Reinforced Polyester Based Composites**" 14th State Level ISTE Student's Annual Convention and 5th National Conference on Emerging Trends in Engineering, Research and Management (**NCETERM - 2017**), 8th and 9th September 2017 at GM Institute of Technology, Davangere, Karnataka, India.

22. Athith D, Praveen Kittali, **B Yogesha**, “**Mechanical characterization of silicon filled hybrid composites**”, International Conference on Advanced trends in Mechanical and Aerospace Engineering (**ATMA - 2019**), 7th to 9th November 2019 at Dayananda Sagar University, Bengaluru, Karnataka, India.
23. Hareesha.M, **B.Yogesha**, Laxmana Naik L, Sarvanabhavan D. “Development of Graphene based polymer composite materials and their applications-A Recent review” International Conference on Advanced trends in Mechanical and Aerospace Engineering (**ATMA - 2019**), 7th to 9th November 2019 at Dayananda Sagar University, Bengaluru, Karnataka, India.

BOOK Chapter

1. P Madhu, Sanjay M R, Mohammad Jawaid, S Pradeep, **B Yogesha**, N Saba “**Potential of Natural/Synthetic Hybrid Composites for Aerospace Applications**” ELSEVIER, Sustainable Composites for Aerospace Applications. (**Scopus Indexed**)
2. MR Sanjay, Mohammad Jawaid, NVR Naidu, **B Yogesha**, N Saba “**TOPSIS method for selection of best composite laminate**”, Woodhead Publishing, Modelling of Damage Processes in Biocomposites, Fibre-Reinforced Composites and Hybrid Composites.

Patent Applied:

1. TITLE OF INVENTION: Plants Dry Stem Waste Nano Fiber Reinforced Polymer Composites

Application No: 201941008534 dated: 05/03/2019

Applicants Name: Dr. G. Hemath Kumar, Mr. H. Mohit, Dr. Sanjay Mavinkare Mr. H. Babu Vishwanath and **Dr. Yogesha**

2. TITLE OF INVENTION: Development Of Hybrid Polymer Composites Reinforced With Prosopis Juliflora Bark Fibers, Phoenix Pusilla Leaf Fibers, Glass Fabrics And Carbon Fabrics.

Application No: 202041000392 A dated: 10/01/2020

Applicants Name: Mr Madhu P, Dr. Sanjay Mavinkare, Dr. Pradeep S, Dr. H Mohith, **Dr. Yogesha** and Dr. Ing habil. Sucharat Seingchen

List of short-term courses attended:

Nature of Programme	Period		Institution
	From	To	
Recent Advances in Combustion science and Technology	November 30	December 11, 1992	IIT Madras
Industry institution partnership	August 6	August 8 1994	PES Mandya
Measurement, Analysis and Control of Vibration and Noise	September 18	September 30	SJCE, Mysore
Professional Development program on Induction training of technical teachers	January 29	January 31, 1996	PESCE, Mandya
Advances in Surface treatment Techniques	March 11	March 23, 1996	MCE, Hassan
Machinery Condition Monitoring	June 09	June 14, 1997	IIT Kharagpur
Operation and Maintenance of Industrial Instrumentation Systems	September 14	September 26, 1998	SJCE, Mysore
Modeling and Simulation of Rotor Bearing systems	December 25, 1998	January 02, 1999	IIT Kharagpur
Advanced Manufacturing Technology	March 15	March 27, 1999	IIT Kanpur
Recent Developments in Automotive Vehicle Design	September 20	01 October, 1999	PESCE, Mandya
Recent Advances in Chemical, Electrochemical and Nuclear energy Systems	October 21	October 31, 1999	PESCE, Mandya
Tool Engineering and Design	March 13	March 26, 2000	MCE, Hassan
Computations of Internal Flows	June 11	June 16, 2001	IIT Madras
Software application in engineering	September 8	September 9 2006	MCE Hassan
IPR , R& D and Funding Agencies	9 April 2008	9 April 2008	MCE Hassan

Faculty awareness camp on entrepreneurship	4 August	6 August 2008	MCE Hassan
40 th ISTE annual convention	2 December	4 December 2010	MEPCO schlenk Engineering college, Sivakasi
Advanced Techniques In Micro structural Characterization	26 December	30 December 2011	IIT Roorkee
Robotics: Mechanics control sensing vision and intelligence	14 January	18 January 2013	IIT Madras
Deriving program educational objectives/program outcomes/course outcomes/assessments for NBA self assessment report	11 July	13 July 2013	MCE Hassan
Metal forming technology	21 June 2014	21 June 2014	IIT Madras
Essential skills for mechanical engineers (ESME-14)	1 September	5 September 2014	MCE Hassan

Ph. D. / M.Sc. Programme guidance:

Ph.D Completed: 05 . M.Sc(Engg) by Research Completed: 02 Ongoing: 03			
Sl.No.	Name	Title of the project	Status
1.	Basavaraju A. N. (Ph.D.)	Experimental Investigations on Performance of SI Engine by using Pre-heated fuel with Injector and Carburetor	Completed
2.	Sanjay M.R. (Ph.D.)	Studies on Natural/E-Glass Fiber Reinforced Hybrid Polymer Composites for Engineering Applications	Completed
3.	Arpitha G.R. (Ph.D.)	Characterization of sisal/glass/filler epoxy hybrid composites	Completed
4.	L. Laxmana naik (Ph.D.)	Experimental Investigation on Mechanical Properties of Sisal - Glass Fiber Reinforced Polymer Based Composites	Completed
5.	Mahesh D. C. M.Sc. (Engg)	Super plastic Behaviour of Titanium Alloy A Numerical Approach	Completed
6.	H. V. Divya	Superplasticity and Superplastic	Completed

	M.Sc. (Engg)	Behaviour of Aluminium Alloy	
7.	H. V. Divya (Ph.D.)	Investigation of process and die parameters in extrusion using simulation	Completed
8.	H M Kavya (Ph.D.)	Experimental Investigation on Extrusion Behaviour of Carbon Fiber Reinforced Polymer Matrix Composites	Course Work Completed
9.	Athith D (Ph.D.)	Studies on Effect of filler and natural/Synthetic rubber For Natural fiber composites	Course Work Completed
10.	Hareesha M (Ph.D.)	A Study on Mechanical, Thermal and electrical Properties on graphene Nano Platelets reinforced epoxy polymers for	Course Work Completed

No. of students supervised in P.G.Level

		Completed:07	Ongoing:00
Sl.No.	Name	Title of the project	Status
1	Raghu .S	Self-Health Regulation Automation Robot	Completed
2	Naveen .P	Optimization of robotic arc welding process by eliminating PLC to reduce the overall cost	Completed
3	Neethashree N. R.	Automation Alternator Test Bench Using Siemens S7-300	Completed
4	Suneel K.Nagavi	Optical Character Recognition Based Auto Navigation Robot By Reading Signboard	Completed
5	Vinay G. R.	Integration of wireless HART into DCS	Completed
6	Shiraz pasha B. R.	Microcontroller Based Automated Irrigation System	Completed
7	Harshitha Keshav	Power line communication based automatic monitoring and controlling of distribution transformer	Completed
8	Ranjith T. R.	Hybrid Control Architecture Based Reconfigurable Smart Micro-Grid	Completed



Dr. B. Yogesha