

SINGAIAH G	
	Name :SINGAIAH.G M.Tech,(Ph.D) ASME,MISTE,ISNT.
	Designation : Associate Professor
	Total Experience : 15
	Email:singaiahg.mech@hitam.org
	Mobile: 9603646436
Specialization	MACHINE DESIGN
Academic Qualification	2001 TO 2005: Bachelors of Engineering in Mechanical Engineering, from Andhra University, AP, India. 2010 TO 2012: Masters of Engineering, in Machine Design from JNTU KAKINADA, AP, India.
Publication Details	International Journals:
	Patent on Mechanical Characterization of Loam Sandy Soil Mixed Micro Silica For Structural Applications-202241002201 -2021-22
	Machining behaviour of AZ91E hybrid composite reinforced with granite and fly ash powders-Engineering Research Express-12/3/2022
	MICROSTRUCTURE AND MECHANICAL PROPERTIES OF B4C AND ZrO2 REINFORCED AZ91D MAGNESIUM MATRX HYBRID COMPOSITE IN FRICTION STIR PROCESSING (FSP)-JOURNAL OF CRITICAL REVIEWS- ISSN- 2394-5125-11.06.2020
	Wear Test Parameters Optimization for Tribological Characteristics of AZ91D Magnesium Metal Matrix Composite Reinforced with Boron Carbide and Zirconia-International Journal of Scientific Research and Engineering Development -ISSN : 2581-7175-Jan-Feb 2022
	Study of Microstructure and Mechanical Properties of AZ91D Magnesium Metal Matrix Composite Reinforced With B4C and ZrO2.The International journal of analytical and experimental modal analysis-ISSN NO:0886-9367-12/1/2021
	Singaiah G ,Ch. Johnjoshua,Ch. Mahesh,Ch Hari Chandra Prasad,G Sai Krishna Reddy Motorized Beverage Can Crusher, International Journal & Magazine of Engineering, Technology, Management and Research(IJMETMR) Vol 3, Issue 7, July 2016, ISSN : 2348-4845
	Singaiah G,Ch. Sai Phani Kumar,Ch. Bhami Sai Teja, G. Praveen Kumar, TIRE INFLATION USING SUSPENSION (TIS), International Journal & Magazine of Engineering, Technology, Management and Research(IJMETMR) Vol 3, Issue 7, July 2016, ISSN : 2348-4845
	Singaiah G,Gaurav Kantrod,M.Anand Kumar,Abhishek Medar,Madhu Prasad Gupta,Glove Operated Robotic Hand,International Journal & Magazine of Engineering, Technology, Management and Research(IJMETMR) Vol 4, Issue 5, July 2017, ISSN : 2348-4845
	Singaiah G ,S.Adithya,T.L.Vanishi Raj,A.Tribhuvan,Y.Pramodh Kumar, Cycle Based Road Cleaner, International Journal & Magazine of Engineering, Technology, Management and Research(IJMETMR) Vol 3, Issue 5, July 2016, ISSN : 2348-4845
	Akkati Ramu , Singaiah,Gali,STATIC AND DYNAMIC ANALYSIS ON COMPOSITE MONO LEAF SPRING,ADVANCED RESEARCH JOURNALS OF SCIENCE AND TECHNOLOGY (ARIST) Vol 2, Issue 2, 2015.
	Singaiah Gali 1, T.N Charyulu,Diesel Engine Exhaust Valve Design, Analysis And Manufacturing Processes,Indian Streams Research Journal,Volume 2, Issue 7, Aug 2012,ISSN-2230-7850.
	International Conferences:
	Attended two days "Inter National Conference on Transformations in Engineering Education", held at Vardhaman College of Engineering , Hyderabad, Telangana on January 6-8, 2017.
	Awards & Honours
	Attended two days Faculty Development Program on the topic "HIGH IMPACT TEACHING SKILLS" organised by Mission10X on 28-11-2011 to 29-11-2011
Workshops / Seminars / Conferences / Training Programs Attended	Participated in a Two Week ISTE Work shop on 'ENGINEERING THERMODYNAMICS' conducted by IIT Bombay from 11th to 21 st december 2012
	Participated Faculty Development Program On "FINITE ELEMENT APPLICATIONS IN CIVIL ENGINEERING" Organized by VNR VJIT From 3rd to 15th june 2013
	Attended one day Work shop on Quality Assurance in Engineering education conducted on 13th May 2017 at HITAM Hyderabad
	Participated in a Two Week ISTE Work shop on 'ENGINEERING MECHANICS' conducted by IIT Bombay from 26th nov to 6th december 2013
	Attended 1 day workshop "OUTCOME BASED EDUCATION AND ACCREDITATION" 14 sep 2015 held at JNTUH Kukatpally.
	Attended 3days workshop on "IUCEE -EPICS" conducted on 6th jul to 8th july 2016 at MLR IT Hyderabad, Telangana
	Attended 3 Days National Workshop on "3D Printing And Scanning " Conducted on 27th to 28th oct 2017 at HITAM Hyderabad
	Attended one day Workshop on "ANN Approach for Predictive Modelling and Optimization" Conducted on 28th Oct 2017 at VIT University Vellore .
	Attended 3 Days National Workshop on "3D Printing And Scanning " Conducted on 27th to 28th oct 2017 at HITAM Hyderabad
	Participated in a Two Week ISTE Work shop on 'ENGINEERING MECHANICS' conducted by IIT Bombay from 26th nov to 6th december 2013
	attended 6 days workshop on fusion360 conducted on 20th march 2019 to 25th march 2019 at HITAM hyderabad
	attended 2 days workshop on surface modeling and sheet metal with PTC creo conducted on 4th october 2019 to 5th october 2019 at HITAM hyderabad
	attended 8 days workshop on REVIT MEP conducted on 26th october 2019 to 17 th november 2019 at HITAM hyderabad
	Live tour on 3d printing , leading towards industry 4.0
	Autodesk Fusion 360 Integrated CAD/CAM/CAE research scopes in mechanical science
Advanced Manufacturing Process Analysis	
4th industrial revolution and the paradigm shift in manufacturing	
Introduction to Engineering Mechanics	
Real Life Applications of Mechatronics	
Evolution of industrial robotics	
How the teachers should be ready to handle the post pandemic challenges	
Research schemes and funding awareness	
"NAAC Awareness Programme for Faculty	