

## Faculty Profile

Name: **Avinash Malladi**  
Designation: Assistant Professor  
Teaching Areas: CAD/CAM, Machine Drawing, Composite Materials  
Research Interests: Additive Manufacturing, 3D Printing, CAD, Composite Materials.  
Education: PhD (Pursuing), VEL's University, Chennai.  
ME (CAD/CAM), Osmania University in Industrial collaboration with Central institute of Tool Design (CITD), 2011.  
BE (Industrial Production Engineering), MVSR in affiliation with Osmania University, 2009.



### Professional Experience (Total 10 Years)

1. 2013- Till Date: Assistant Professor at ICFAI Tech School (Faculty of Science & Technology), IFHE University, Hyderabad.
2. 2011-2013: Trainer & Support Engineer from EDS Technologies, Hyderabad.
3. 2010-2011: Design Engineer at CADD Center, Hyderabad.
4. Finished Certified Training on **BIOPRINTING: 3D Printing Body Parts** Course University of WOLLONGONG Australia.
5. **CATIA V5 Part Design Specialist Dassault Systemes, France.**
6. **Additive Manufacturing Associate- Solid Works.**

### Research / Selected Publications:

1. AvinashMalladi. **"Stress analysis of rectangular and square plates with various cutouts"**, Vibro Engineering PROCEDIA, Vol. 22, March 2019, Pg. No: 165-169, JVE Journals ISSN PRINT 2345-0533, ISSN ONLINE 2538-8479.
2. AvinashMalladi. **"A Study on Technologies in Cloud-Based Design and Manufacturing"**, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol.8, Issue 6, October 2018, Pg. No: 187- 192, ISSN(P): 2249-6890; ISSN(E): 2249-8001
3. AvinashMalladi. **"Health Record Data Analysis Using Wireless Wearable Technology Device"**, Journal of Advanced Research in Dynamical & Control Systems, Vol.10, 09- Special Issue, March 2018, Pg. No: 696-701, ISSN: I943-023X.
4. AvinashMalladi. **"3D Metal printing Technologies: A Review"**, The IUP Journal of Mechanical Engineering Vol. X, Page No: 48-54, **ISSN: 0974-6536**, February 2017.
5. AvinashMalladi. **"Additive Manufacturing Techniques in Bio-printing"**, EXCEL INDIA PUBLISHERS Conference Proceedings Vol. 1, 2016, Pg. No: 15-20, e-ISBN: 978-93- 86256-19-5.
6. AvinashMalladi. **"3D Bio-printing of Skin: An Overview"**, Conference Proceedings, 2016, Pg. No: 561-564, ISBN: 9788131427941.
7. AvinashMalladi. **"Use of Nano materials in the Construction of NPP's"**, Conference Proceedings, 2016, Pg. No: 561-564, ISBN: 9788131427941.
8. AvinashMalladi. **"Wifi for Vehicular Communication Systems"**, Journal of Emerging Technologies & Innovative Research. Volume 2 Issue6, Pg. No: 1939-1943, **ISSN: 2349-5162**, July 2015.