

## Mr. A.HARISH

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**Designation** : Assistant Professor, Mechanical Engineering

**Qualification** : B.Tech.,M.Tech., (Ph.D).

**Experience** : 08Years

**Specialization** : MechanicalEngineering(CAD/CAM)

**Date of Joining:** 17-10-2012

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**Researcher ID** : M -3146-2017

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### Academic Qualifications:

- **Pursuing Ph.D** (Mechanical Engineering) at JNT University, Hyderabad, Telangana State, on “**Optimum Trajectory of Welding Robot with Controlled velocity Anisotropy**” Since December 2012.
- M.Tech (CAD/CAM) in October 2011, JNT University, Hyderabad.
- B.Tech (Mechanical Engineering) in May 2009, JNT University, Hyderabad.
- Diploma in Automobile Engineering in April 2006 from Sanjay Gandhi Memorial Govt. Polytechnic College, Hyderabad.

### Teaching Experience: 08 Years

- Presently Working as Assistant Professor in Department of Mechanical Engineering in C M R College of Engineering & Technology, Hyderabad since 17<sup>th</sup> October 2012. (07 Years).
- Worked as Assistant Professor in Mechanical Engineering at JB Institute of Engineering & Technology, Hyderabad from October 2011 to October 2012. (1Year)

### Achievements/Publications/Workshops/Seminar/Guest Lectures

#### Presentations: International Journal s: 02

1. A.Harish, G.SatishBabu “**Path Planning of a Parallel Manipulator using A\* Algorithm**”, International Journal of Management, Technology and Engineering (IJMTAE), Volume 8, Issue X, October 2018. [Link](#)

2. A.Harish, G.SatishBabu, “**Manipulability Index of a Parallel Robot Manipulator**”, International Journal of Mechanical Engineering and Technology (IJMET), Volume 6, Issue 6, June 2015, pp.09-17. [Link](#)

### Conference Presentations: 2

### International Conferences: 2

1. A.Harish, G.SatishBabu, “**Trajectory Planning of a Robot Manipulator using Genetic Algorithm**”, in Proceedings of 3<sup>rd</sup> International Conference on Research Trends in Engineering, Applied Science & Management (ICRTE SM 2018) , organized by Centre for International Programmes, Osmania University,Hyderabad, India on 4<sup>th</sup>, November 2018. (ISBN : 978-93-87433-44-1). [Link](#)
2. A.Harish, G.SatishBabu, “**Path Planning of a Parallel Manipulator using A\* Algorithm**”, in Proceedings of International Conference on Research Trends in Science Engineering & Management (ICETSEM 2018) , organized by Maharashtra Chamber of Commerce Industries & Agriculture, Pune, Maharashtra, India on 14<sup>th</sup>, October 2018. (ISBN: 978-93-87433-42-7). [Link](#)

### Workshops Conducted: 02

1. One day workshop on “**Recent Trends in Automotives**” 2014, at CMR College of Engineering & Technology, Hyderabad.
2. Organized one-week Faculty Development Program on “**Research Methodology**” organized by R&D, JNT University, Hyderabad, from 16.12.2013 to 21.12.2013.

### Workshops Attended: 09

1. Two day workshop on “**e-Yantra Lab Setup Initiative**” 11<sup>th</sup> – 12<sup>th</sup> July 2019 organized by IIT Bombay at Dadi Institute of Engineering & Technology, isakhapatnam, Andhra Pradesh,India.
2. Two week Faculty Development Program on “**Metaheuristic Optimization Algorithms in Engineering**” Organized by E&ICT Academy collaboration with NIT Warangal at CMR College of Engineering & Technology, from 06.05.2019 to 15.05.2019.
3. Participated in “**A Hands on Workshop on MOOC Development**” held at CMR College of Engineering & Technology, Hyderabad on 6<sup>th</sup> and 7<sup>th</sup> of October 2018 Conducted by leadingIndia.ai, a nationwide initiative by Bennett University, Greater Noida, India.
4. Participated in **One Day** invited lecture on **Current Trends in Precision Engineering** by Prof. V C Venkatesh, University of Nevada, Las Vegas, USA on 7<sup>th</sup> September 2018, organized by Department of Mechanical Engineering, CMR College of Engineering & Technology, Hyderabad.
5. Two week Faculty Development Program on “**Computer Aided Design & Analysis**” organized by Department of Mechanical Engineering, CMR College of Engineering & Technology, from 04.06.2018 to 18.06.2018.

6. Three Day Faculty Development Program on “**IUCEE International Engineering Educator Pre-Certification Workshop**” organized by IUCEE at CMR College of Engineering & technology, from 14.05.2018 to 16.05.2018.
7. One week Faculty Development Programme on “**Engineering Graphics**” from 24<sup>th</sup> to 29<sup>th</sup> July 2017 at CMR College of Engineering & Technology, Hyderabad.
8. A refresher Course on “**Engineering Mechanics**” organized by Department of Mechanical Engineering, CMR Engineering College, from 19.06.2017 to 01.07.2017.
9. One week Faculty Development Program on “**Research Methodology**” at JNTU, Hyderabad, from 16.12.2013 to 21.12.2013.

### **Events Organized: 03**

1. Organized a “**One day Mercedes Benz Workshop**” Conducted by Mahavir Motors at CMR College of Engineering & Technology on 08.09.2015.
2. Organized “**Automobile Expo 2015**” conducted by Mechanical Department at CMR College of Engineering & Technology on 26.12.2015.
3. Organized “**SAEISS Student Conventions TIER-II**” conducted by Mechanical Department at CMR College of Engineering & Technology on 30.12.2017.

### **Student Events Guided: 11**

1. Guided a team of 25 members of Mechanical Students in fabricating a Tractor & to participate in Tractor Design Challenge 2019.
2. Guided a team 25 members of Mechanical students in fabricating a Go-kart & to participate in Go-kart Championship in BAJA 2019.
3. Guided a team of 25 members of Mechanical students in fabricating a Buggy & to participate in BAJA 2019.
4. Guided a team of 25 members of Mechanical, EEE &ECE students in fabricating an Electric Buggy & to participate in BAJA 2019.
5. Guided a team of 12 members of Mechanical Engineering in fabricating a model of Aero plane & to participate in Aero Design Challenge 2018
6. Guided a team of 20 members of Mechanical students in fabricating a Go-kart & to participate in Go-kart Championship 2018.
7. Guided a team of 25 members of Mechanical & EEE students in fabricating a Buggy & to participate in BAJA 2018.
8. Guided a team of 25 members of Mechanical, EEE &ECE students in fabricating an Electric Buggy & to participate in BAJA 2018.
9. Guided 25-member team of Mechanical & EEE students in fabricating a Buggy & to participate in BAJA 2017.

10. Guided a team of 10-member team of Mechanical students in fabricating a three wheeled cycle & to participate in EFFICYCLE 2016.
11. Guided 30 members team of Mechanical Engineering students in fabricating a Buggy & to take part in Baja Enduro Student India,2016.

### **Memberships in Universities/Professional Societies:**

1. Member of Society Of Automotive Engineers (**SAE**)
2. Member of Indian Society Of Mechanical Engineers (**ISME**)
3. Member of International Society for Research and Development (**ISR**)
4. Member of International Association of Engineers (**IAENG**)

### **OTHER ACHIEVEMENTS:**

1. AUTOCAD 2012 Certified Associate
2. Started SAE Collegiate club in 2015.