



Department Name: Mechanical Engineering

1. **Name of Faculty:** Dr. Kedar H. Inamdar
2. **Designation:** Associate Professor
3. **Qualification:** BE, ME, Ph.D.
4. **Degree/Diploma :** Degree
5. **Email Id:** kedar.inamdar@walchandsangli.ac.in
6. **Contact Number:** 9850532432
7. **Research Area:** Quality control, Mechatronics, Additive manufacturing, Image Processing, Automation, Robotics, PLC, Welding, Casting
8. **Number of Publications:**

Conference		Journal		Books
National	International	National	International	
42	47	32	50	4

9. Sponsored Projects:

Sr. No.	Name of Project	Sponsoring Agency	Grant	Status (Ongoing/completed)
1	Evaluation of surface roughness by optical technique using Ruby laser beam	The Institute of Engineers, Kolkata	Rs.75,000/-	Completed
2	Development of automated inspection method for metal casting	AICTE, New Delhi	Rs.8,60,000/-	Completed

	under digital image processing techniques			
3	Learning Factory	AICTE, New Delhi	Rs.43,00,000/-	Ongoing

9. Biosketch:

Dr. Kedar H. Inamdar obtained his PhD in mechanical engineering in June 2007 and B.E., ME in 1995 and 1997 respectively. He is having 22 years of wide experience.

His research areas are Quality control, Mechatronics, Additive manufacturing, 3D Scanning, Machine vision, Image processing, Industrial automation, Robotics, PLC etc.

He has almost 180 publications in reputed National as well as International journals - conferences. He has delivered many technical inspirational lectures, many keynote talks for UG-PG students.

He has received various grants of total worth Rs.52,35,000/- against his research proposals from AICTE New Delhi, Institute of Engineers (India) Kolkata. The sanctioned theme of 'Learning Factory' is ongoing project, which is useful for the students to create working models for transforming their own ideas into reality. This innovative lab is very much beneficial to UG-PG students.

He has guided more than 50 PG students for their projects, most of which were industry sponsored and offered solutions for current issues. This has kept constant linkage for Industry-Institute relationship.

He has offered consultancy in the field of 3D printing, mechatronics, pressure gauge calibration, robotics, PLC- training using institutional infrastructure.

He has published four text books for Universities such as Chattisgarh Swami Vivekanand Technical University, RTMU Nagpur, BTE, JNTU Kakinada, JNTU Anantpur. He has organized four national short term training programs for faculties. He has worked as judge/ chairman for various national/ international level events. He is life member of ISTE.

At institute, he has initiated and guided students' activities for participation in various national level competitions like ROBOCON, EFFICYCLE, SUPRA, E-BAJA, M-BAJA from year 2009 onwards and received three to four prizes every year.