

Name	Mr. Mahadev L. Naik BE (Mechanical), ME (Manufacturing and automation)
Designation	Assistant Professor, Training Head of the Institute, Placement coordinator of Mechanical engineering Department
Department	Mechanical Engineering
Date of Joining the Institute	12/08/2013
Education	BE (Mechanical), ME (Manufacturing and automation)
Branch / Specialization	Manufacturing and automation
Areas of Interest	Manufacturing and Optimization techniques.
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Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 12/08/2013 to till date	Assistant Professor

Total Experience – 8 Years

Students projects Guided at Undergraduate Level

1. Optimization of turning process parameters for AISI 410 steel using Taguchi Method.
2. Analysis of parameters of Injection moulding process.
3. Fault diagnosis and experimental analysis of 4- strokes, 4-cylinder petrol engine test rig.

Seminars/Lectures/Invited Talks/Industrial Visits Conducted

1. Conducted Workshop on "Refrigeration and Air conditioning system" for BE Mechanical students on 28th Sept 2017.
2. Conducted a pre placement lecture on 'Welding' on 20th September, 2017 for the students of final year Mechanical Engineering.
3. Organized two days Industrial Visit to M/S Georg Fischer Piping Systems Pvt. Ltd Ratnagiri on 4th& 5th October 2017 for T.E Mechanical engineering students.
4. Conducted talk on "GATE Awareness" by Prof. S. N. Jalwadi, for BE Mechanical students on 03 October 2017.
5. Conducted seminar on "Career Opportunities in Marine Engineering" on 10th August, 2017 for final year Mechanical Engineering students.

6. Conducted a Seminar on "Six Sigma" on 29th March, 2017 for final year Mechanical Engineering students.
7. Organized Industrial Visit to Automotive Corporation of Goa Limited (ACGL), Sattari, Goa; on 4th of March 2017 for B.E Mechanical engineering students.
8. Conducted a 40 hours "Course on ANSYS FEA" during 11 to 12 and 17 to 19 February, 2017 for third year Mechanical Engineering students in collaboration with ARK Info solutions Pvt. Ltd.
9. Conducted a Seminar on "Oil, Gas and HVAC sector" on 2nd February, 2017 for final year Mechanical Engineering students.
10. Conducted aptitude training programme in association with MUDRAA career guidance centre, Mumbai on 27th to 29th January 2017.
11. Conducted an expert lecture on "Opportunities in PLM Engineering" on 20th January, 2017 for B.E Mechanical engineering students.

Papers Presented/Published in National / International Journals

International Journals

1. "Optimization of turning process parameters for AISI 410 Steel using Taguchi method" International Journal of Engineering Development and Research, Volume 4, Issue 2, ISSN: 2321-9939, (2016).
2. "Fault Diagnosis and experimental analysis of 4-stroke, 4-cylinder petrol engine using Fault Tree Analysis", International Journal of Engineering Trends and Technology (IJETT), volume 46, ISSN: 2231-5381, (2017).

Papers Presented/Published in National/ International Conferences -

International Conferences

3. Presented a paper on "Optimization of hole-making operations: a genetic algorithm approach (Constrained Problems)" in an International Conference on Advanced engineering optimization through Intelligent Techniques (AEOTIT) held at SVNIT Surat (July 01-03, 2013).
4. Presented a paper on "Optimization of hole-making operations: a genetic algorithm approach (Unconstrained Problems)" in an International Conference on Manufacturing excellence (ICMAX-2013) held at JJTU Rajasthan (January 28-30, 2013).
5. Presented a paper on "Optimization of hole-making operations: a genetic algorithm approach Application examples)" in 4th International Conference on Industrial Engineering held at SVNIT Surat (December 21-23, 2017).

Number of Workshops, Seminars, STTPs, FDPs Attended

Two Week or One Week Workshops

1. Attended one-week short term training programme on "Modeling and Optimization Techniques for Engineering Applications (MOTEA –II)" conducted by NIT Surat (26-30 December, 2016).
2. Attended one-week workshop on "Funding schemes Available for research proposal "conducted by RCDC FAMT, Ratnagiri (13th February to 23rd April, 2016).
3. Attended two-week ISTE workshop on "Control System" conducted by IIT Kharagpur (2nd to 12th December, 2014).
4. Attended two-week ISTE workshop P on "Engineering Mechanics" conducted by IIT Bombay (26th Nov to 6th Dec, 2013).

5. Attended one week STTP on “workshop on “solar, wind and Renewable Energy sources” conducted by “SSPM’s college of engineering kankavli” at Sindhudurg (30th May to 3rd June, 2011).
6. Attended ISTE approved one week STTP on “Advanced materials in engineering” conducted by “SSPM’s college of engineering kankavli” at Sindhudurg (13th to 17th December, 2010).

Workshops/Seminars

7. Attended two days’ e-seminar on “Steps to Research” organized by Amal jyothi college of engineering, Kanjirappally (19-20 September 2014).
8. Attended workshop on “FEA Training workshop using Hypermesh & Optistruct” conducted by “CADCAMGURU and ALTAIR India Ltd.” at Pune (6th and 7th Jan 2014).
9. Attended two days seminar on “Simulation Modeling in Manufacturing & Service Industry” conducted by “K.K.Wagh Institute of engg. Education & research, nashik” at Nashik (1-2 March, 2013).
10. Attended seminar on “Intellectual property and patent life cycle management” conducted by “K.K.Wagh Institute of engg. Education & research, nashik” at Nashik (10th March, 2012).
11. Attended two days’ workshop on “NBA Accreditation” conducted by “Sandip Institute of Technology & Research Centre” at Nashik (8th and 9th Sept. 2012).

FDP

12. Successfully completed online certification course with Elite grade on “Fundamentals of manufacturing process” conducted by Indian Institute of Technology ROORKEE (July – Oct 2017- 12 week course).

Other Experience

Institute Level Committees

1. Working as **Training Head** of the Institute.
2. **Placement** coordinator of Mechanical department.
3. Departmental Coordinator of **NAAC** Criteria III
4. Working as a **Member** of Admission counseling committee cell for Engineering Admissions.

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Production planning and control	BE/ Mechanical /7th	03 years
2.	Industrial Engineering and Management	BE/Mechanical /8th	02 years
3.	Production process III	TE/Mechanical /5th	03 years
4.	Production process II	SE/Mechanical /4th	03 years
5.	Computer aided Machine Drawing	SE/Mechanical /3rd	01 year

6.	Theory of Machines	TE/Mechanical /5th	01 year
7.	Automobile engineering	BE/Mechanical /8th	01 year
8.	Engineering Mechanics	FE/ Mechanical/ 1st	01 year
9.	Strength of materials	SE/Mechanical /2nd	01 year
10.	Engineering Drawing	FE/Mechanical /2nd	01 year